NPDES Permit No. IL0023141
Notice No. SKT:10041501.bah

Public Notice Beginning Date: **May 26, 2011**

Public Notice Ending Date: **June 27, 2011**

National Pollutant Discharge Elimination System (NPDES)
Permit Program

PUBLIC NOTICE/FACT SHEET
of
Draft Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois EPA
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

Galesburg Sanitary District
2700 West Main
Galesburg, Illinois 61401-9562

Name and Address of Facility:

Galesburg Sanitary District - STP
South Pickard Road
Galesburg, Illinois
(Knox County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES Permit to discharge into the waters of the state and has prepared a draft Permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. All comments on the draft Permit and requests for hearing must be received by the IEPA by U.S. Mail, carrier mail or hand delivered by the Public Notice Ending Date. Interested persons are invited to submit written comments on the draft Permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the Permit applicant. The NPDES Permit and notice numbers must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft Permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicates a significant degree of public interest in the draft Permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final Permit is issued. For further information, please call Surinder Tandon at 217/782-0610.

The following water quality and effluent standards and limitations were applied to the discharge:

Title 35: Environmental Protection, Subtitle C: Water Pollution, Chapter I: Pollution Control Board and the Clean Water Act were applied in determining the applicable standards, limitations and conditions contained in the draft Permit.

The applicant is engaged in treating domestic and industrial wastewater for the cities of Galesburg and East Galesburg.

The length of the Permit is approximately 5 years.

The main discharge number is 042. The seven day once in ten year low flow (7Q10) of the receiving stream, Cedar Creek, is 0 cfs.

The design average flow (DAF) for the facility is 11 million gallons per day (MGD) and the design maximum flow (DMF) for the facility is 28 MGD. Treatment consists of preliminary screening, grit removal, primary clarification, two-stage trickling filters, final clarification, anaerobic sludge digestion, and sludge drying beds.

This treatment works has an approved pretreatment program. There are 3 non-categorical SIU's and 2 CIU's.

This reissued NPES Permit does not increase the facility's DAF, DMF, concentration limits, and/or load limits.

It is the IEPA's tentative decision that under Illinois Pollution Control Board regulations, the following reach of waterbody is not classified for primary contact use activities and is not subject to the fecal coliform water quality standard of 35 Ill. Adm. Code 302.209.

This draft permit does not contain requirements for disinfection of the discharge from discharge number 042. Cedar Creek from the bridge in Section 17, T11N, R1E to the confluence with Markham Creek has been determined to be unsuited to support primary contact activities (swimming) due to physical, hydrologic or geographic configuration. Anyone knowing of primary contact activities occurring within this water segment is invited to submit comments to the IEPA. Comments should give the nature of the activities (i.e swimming, fishing, canoeing, etc.), the location and months of the year when these activities have been observed. The IEPA is also interested in obtaining information on the proximity of residential dwellings and the accessibility of the public to this water segment. Anyone with such information is asked to submit comments to the IEPA on this draft permit action. Instructions for submitting comments are contained earlier in this document.

Application is made for the existing discharge(s) which is (are) located in Knox County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

Outfall	Receiving Stream	Latitude	Longitude	Stream Classification	Integrity Rating
042	Cedar Creek	40°56'17.6" North	90°24'59.7" West	General Use	E
070	Cedar Creek	40°56'30" North	90°23'46" West	General Use	E
066	Cedar Creek	40°57'41" North	90°22'28" West	General Use	E
067	Court Creek	40°56'42" North	90°19'30" West	General Use	B
068	Cedar Creek	40°57'49" North	90°20'58" West	General Use	E
069	Cedar Creek	40°57'8" North	90°21'3" West	General Use	E
001	Cedar Creek	40°57'8" North	90°21'15" West	General Use	E
003	Cedar Creek	40°57'12" North	90°21'32" West	General Use	E
004	Cedar Creek	40°57'8" North	90°21'31" West	General Use	E
005	Cedar Creek	40°57'7" North	90°21'37" West	General Use	E
006	Cedar Creek	40°57'12" North	90°21'44" West	General Use	E
007	Cedar Creek	40°57'6" North	90°21'44" West	General Use	E
008	Cedar Creek	40°57'9" North	90°21'52" West	General Use	E
009	Cedar Creek	40°57'5" North	90°21'50" West	General Use	E
010	Cedar Creek	40°57'5" North	90°21'59" West	General Use	E
012	Cedar Creek	40°57'4" North	90°21'59" West	General Use	E
013	Cedar Creek	40°57'2" North	90°21'59" West	General Use	E
014	Cedar Creek	40°57'3" North	90°22'9" West	General Use	E
015	Cedar Creek	40°57'0" North	90°22'6" West	General Use	E
017	Cedar Creek	40°57'4" North	90°22'16" West	General Use	E
018	Cedar Creek	40°57'0" North	90°22'16" West	General Use	E

Outfall	Receiving Stream	Latitude	Longitude	Stream Classification	Biological Stream Characterization
019	Cedar Creek	40°57'1" North	90°22'13" West	General Use	E
020	Cedar Creek	40°57'2" North	90°22'21" West	General Use	E
021	Cedar Creek	40°57'0" North	90°22'21" West	General Use	E
022	Cedar Creek	40°57'2" North	90°22'26" West	General Use	E
023	Cedar Creek	40°57'1" North	90°22'31" West	General Use	E
024	Cedar Creek	40°56'56" North	90°22'32" West	General Use	E
025	Cedar Creek	40°56'53" North	90°22'49" West	General Use	E
026	Cedar Creek	40°56'51" North	90°22'38" West	General Use	E
028	Cedar Creek	40°56'49" North	90°22'58" West	General Use	E
030	Cedar Creek	40°56'52" North	90°23'48" West	General Use	E
031	Cedar Creek	40°56'45" North	90°22'50" West	General Use	E
032	Cedar Creek	40°56'42" North	90°22'51" West	General Use	E
033	Cedar Creek	40°56'29" North	90°22'34" West	General Use	E
034	Cedar Creek	40°56'29" North	90°22'33" West	General Use	E
035	Cedar Creek	40°56'26" North	90°22'29" West	General Use	E
037	Cedar Creek	40°56'26" North	90°22'10" West	General Use	E
043	Court Creek	40°56'31" North	90°20'41" West	General Use	B
047	Court Creek	40°56'39" North	90°20'28" West	General Use	B

This permit authorizes discharge from 33 CSOs in accordance with 35 Ill. Adm. Code 306.305 into the following waters: Cedar Creek and Court Creek

CSO controls consist of a holding lagoon at the STP. This Permit also requires the approval of a Long-Term CSO Control Plan.

To assist you further in identifying the location of the discharges(s) please see the attached map and the table below:

Discharge No.	Name
042	STP Outfall
070	Treated Combined Sewage Lagoon Emergency Flow Discharge at STP
066	West Street Treated Combined Sewage Outfall
067	Court Street Treated Combined Sewage Outfall
068	Fremont Street Treated Combined Sewage Outfall
069	Losey Street Treated Combined Sewage Outfall
001	CSO--Lincoln Street (S)
003	CSO--Pearl Street (N)
004	CSO--Pearl Street (S)
005	CSO--Pine Street (S)
006	CSO--Chambers Street (S)
007	CSO--Chambers Street (N)
008	CSO--Seminary Street (N)
009	CSO--Seminary Street (S)
010	CSO--Kellogg Street (N)
012	CSO--Prairie Street (N)
013	CSO--Prairie Street (S)
014	CSO--Cherry Street (N)
015	CSO--Cherry Street (SE)
017	CSO--Broad Street (N)
018	CSO--Broad Street (SW)
019	CSO--Broad Street (SE)
020	CSO--Cedar Street (N)
021	CSO--Cedar Street (S)
022	CSO--West Street (N)
023	CSO--Academy Street (N)
024	CSO--Academy Street (S)
025	CSO--Maple Avenue (S)
026	CSO--Main Street

Discharge No.	Name
028	CSO--Henderson Street (NE)
030	CSO--Main Street at Edwards Avenue
031	CSO--Brick Railroad Crossing
032	CSO--Holton Street at Tompkins Street
033	CSO--Brooks Street and Academy Street (from west)
034	CSO--Brooks Street and Academy Street (from east)
035	CSO--West Street and Know Street
037	CSO--Know Street and Depot Street (N)
043	CSO--Pump Station #1 at Grand Avenue and Farnham Street
047	CSO--Indiana Avenue and Berrien Street

The stream segment(s) receiving the discharge from outfalls 001, 003 through 015, 017 through 026, 028, 030 through 035, 037, 042, 066, 068, 069, and 070 are on the 2006 303(d) list and 2008 partially approved list of impaired waters.

For the stream segment (LDD-C1) receiving the discharge from outfalls 042 and 070, the following parameters have been identified as the potential pollutants causing impairment:

For 2006, 303(d) list:

Potential Causes	Uses Impaired
Ammonia (total), DDT, dieldrin, nitrogen (total), dissolved oxygen (non-pollutant), phosphorus (total), PCB's, and sedimentation/siltation (non-pollutant)	Aquatic life use

For 2008, partially approved 303(d) list:

Potential Causes	Uses Impaired
Phosphorus (total), PCBs, and sedimentation/siltation (non-pollutant)	Aquatic life use
PCBs	Fish consumption

For the stream segment (LDD-A1) receiving the discharge from outfall 030, the following parameters have been identified as the potential pollutants causing impairment:

For 2006, 303(d) list:

Potential Causes	Uses Impaired
Aldrin, DDT, dissolved oxygen (non-pollutant), and PCB's	Aquatic life use

For 2008 partially approved 303(d) list:

Potential Causes	Uses Impaired
PCBs	Fish consumption
Alterations in stream-side or littoral vegetative cover, and PCBs	Aquatic life use

For the stream segment (LDD-A3) receiving the discharge from outfalls 001, 003 through 010, 012 through 015, 017 through 026, 028, 031 through 035, 037, 066, 068, and 069 the following parameters have been identified as the potential pollutants causing impairment:

For 2006, 303 (d) list:

Potential Causes	Uses Impaired
Alteration in stream-side or littoral vegetative cover (non-pollutant) and dissolved oxygen (non-pollutant)	Aquatic life use

For partially approved 2008, 303(d) list:

Potential Causes	Uses Impaired
PCBs	Fish consumption
Alteration in stream-side or littoral vegetative cover (non-pollutant)	Aquatic life use

The stream segment (DJJ-03) receiving the discharge from outfalls 043, 047, and 067 are not on the 303(d) list of impaired waters.

The discharge(s) from the facility is (are) proposed to be monitored and limited at all times as follows:
Discharge Number(s) and Name(s): 042 Main STP Outfall

Load limits have been computed based on a design average flow (DAF) of 11 MGD (design maximum flow (DMF) of 28 MGD.

The effluent of the above discharge(s) shall be monitored and limited at all times as follows:

	LOAD LIMITS lbs/day* DAF (DMF)			CONCENTRATION LIMITS mg/L			
Parameter	Monthly Average	Weekly Average	Daily Maximum	Monthly Average	Weekly Average	Daily Maximum	Regulation
$CBOD_5$							
April thru November	1560 (3970)		3119 (7940)	17		34	35 IAC 304.207 &
December thru March	1835 (4670)		3670 (9341)	20		40	40 CFR 133.102
Suspended Solids							
June thru January	1376 (3503)		2752 (7006)	15		30	35 IAC 304.207 &
February thru May	2294 (5838)		4587 (11,676)	25		50	40 CFR 133.102
pH	Shall be in the range of 6 to 9 Standard Units						35 IAC 304.125
Fecal Coliform	May through October					Report	35 IAC 309.146
Chlorine Residual	See Special Condition 7.						35 IAC 302.208
Ammonia Nitrogen:							
January	257 (654)		771 (1962)	2.8		8.4	35 IAC 355 and
February	239 (607)		771 (1962)	2.6		8.4	35 IAC 302
March	183 (467)	642(1635)	1083 (2756)	2.0	7.0	11.8	
April	239 (607)	642 (1635)	1110 (2826)	2.6	7.0	12.1	
May	165 (420)	642 (1635)	1110 (2826)	1.8	7.0	12.1	
June	138 (350)	349 (887)	688 (1751)	1.5	3.8	7.5	
July	128 (327)	349 (887)	688 (1751)	1.4	3.8	7.5	
August	138 (350)	349 (887)	688 (1751)	1.5	3.8	7.5	
September	165 (420)	642 (1635)	1110 (2826)	1.8	7.0	12.1	
October	202 (514)	642 (1635)	1110 (2826)	2.2	7.0	12.1	
November	128 (327)		771 (1962)	1.4		8.4	
December	183 (467)		771 (1962)	2.0		8.4	

	LOAD LIMITS lbs/day* DAF (DMF)			CONCENTRATION LIMITS mg/L			
Parameter	Monthly Average	Weekly Average	Daily Maximum	Monthly Average	Weekly Average	Daily Maximum	Regulation
Total Nitrogen	Monitor Only						35 IAC 309.146
Total Phosphorus	Monitor Only						35 IAC 309.146
Phenols	Monitor Only						35 IAC 309.146
Zinc	Monitor Only						35 IAC 309.146

*Load Limits are calculated by using the formula: 8.34 x (Design Average and/or Maximum Flow in MGD) x (Applicable Concentration in mg/L).

This Permit contains an authorization to treat and discharge excess flow from the sanitary portion of the sewer system as follows:

Discharge Number(s) and Name(s): 066 West Street, 067 Court Creek, 068 Fremont Street, and 069 Losey Street Treated Combined Sewage Outfalls

			CONCENTRATION LIMITS mg/L	
Parameter			Monthly Average	Regulation
BOD_5			Report	40 CFR 133.102
Suspended Solids			Report	40 CFR 133.102
Fecal Coliform	Daily Maximum Shall Not Exceed 400 per 100 mL			35 IAC 304.121
pH	Shall be in the range of 6 to 9 Standard Units			35 IAC 304.125
Chlorine Residual			1.0	35 IAC 302.208

Discharge Number(s) and Name(s): 070 Lagoon Emergency Flow Discharge

			CONCENTRATION LIMITS mg/L	
Parameter			Monthly Average	Regulation
BOD_5			Report	40 CFR 133.102
Suspended Solids			Report	40 CFR 133.102
Fecal Coliform	Daily Maximum Shall Not Exceed 400 per 100 mL			35 IAC 304.121
pH	Shall be in the range of 6 to 9 Standard Units			35 IAC 304.125
Chlorine Residual			1.0	35 IAC 302.208

This draft Permit also contains the following requirements as special conditions:

1. Reopening of this Permit to include different final effluent limitations.
2. Operation of the facility by or under the supervision of a certified operator.
3. Submission of the operational data in a specified form and at a required frequency at any time during the effective term of this Permit.
4. More frequent monitoring requirement without Public Notice in the event of operational, maintenance or other problems resulting in possible effluent deterioration.
5. Prohibition against causing or contributing to violations of water quality standards.
6. Effluent sampling point location.
7. A requirement to monitor and a limit of 0.05 mg/L for residual chlorine when it is used.
8. The Permittee implements and administers an industrial pretreatment program pursuant to 40 CFR §403.
9. Burden reduction.
10. Submission of annual fiscal data.
11. The Permittee is required to perform biomonitoring tests in the 18th, 15th, 12th and 9th months prior to the expiration date of the Permit, and to submit the results of such tests to the IEPA within one week of receiving the results from the laboratory.
12. Prohibition against discharging from sanitary sewer overflows.
13. Submission of semi annual reports indicating the quantities of sludge generated and disposed.
14. An authorization of combined sewer and treatment plant discharges.
15. Incorporates federal bypass and upset language into this Permit.
16. Monitoring in Cedar Creek.
17. Incorporates the terms and condition of PCB R80-16.
18. Provisions for incorporating 10/12 ($CBOD_5$/TSS) limits in this Permit.
19. Recording the monitoring results on Discharge Monitoring Report Forms using one such form for each outfall each month and submitting the forms to IEPA each month.
20. Reopening of this permit to include revised effluent limitations based on a Total Maximum Daily Load (TMDL) or other water quality study.

21. A requirement to develop and submit a Capacity, Management, Operations, and Maintenance (CMOM) plan.

22. Site specific metal translater for zinc.

23. Requirements for monitoring zinc.

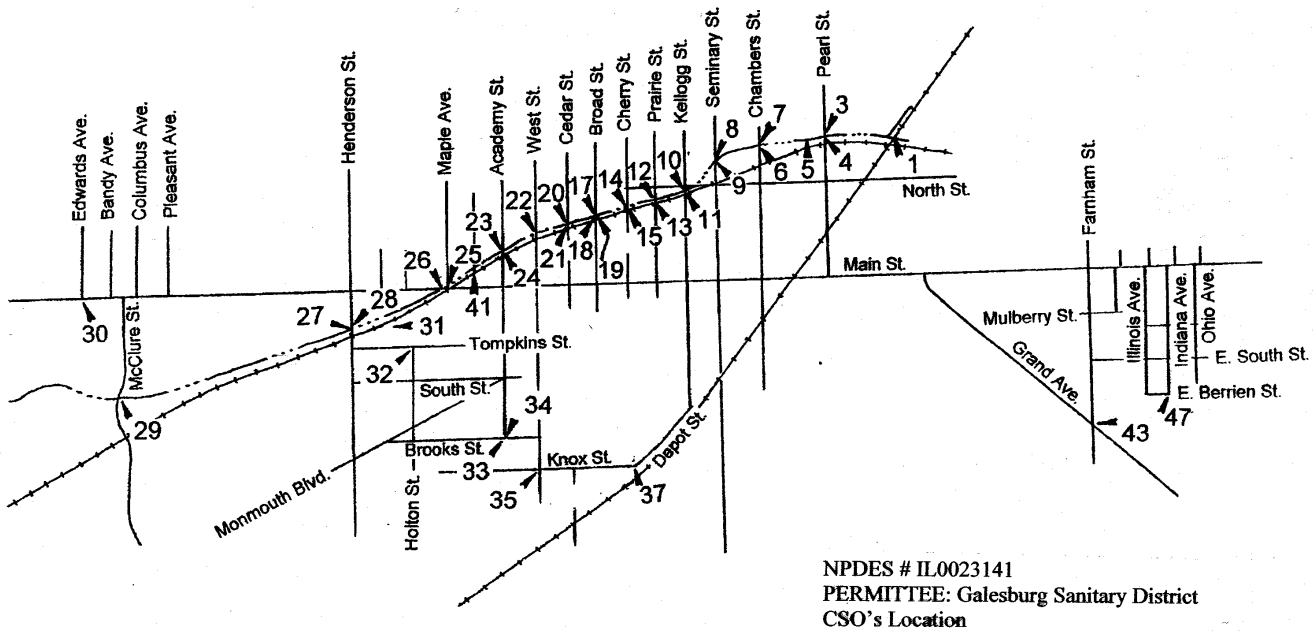
24. Requirements for monitoring phenols.

NPDES # IL0023141
PERMITTEE: GALESBURG SANITARY DISTRICT

Outfall Locations and Overflow Stations

Outfall Points
ovrflw_num
42
70
Emg_Overflow_Station

N
W
E
S



NPDES # IL0023141
PERMITTEE: Galesburg Sanitary District
CSO's Location

NPDES Permit IL0023141

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

P.O. Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date:

Issue Date:
Effective Date:

Name and Address of Permittee:

Galesburg Sanitary District
2700 West Main
Galesburg, Illinois 61401-9562

Facility Name and Address:

Galesburg Sanitary District
South Pickard Road
Galesburg, Illinois
(Knox County)

Receiving Waters: Cedar Creek, Court Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C, Chapter I, and the Clean Water Act (CWA), the above-named Permittee is hereby authorized to discharge at the above location to the above-named receiving streams in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the Permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

SAK:SKT:10041501.bah

NPDES Permit IL0023141

Effluent Limitations, Monitoring, and Reporting

FINAL

Discharge Number(s) and Name(s): 042 Main Plant Outfall

Load limits computed based on a design average flow (DAF) of 11 MGD (design maximum flow (DMF) of 28 MGD).

From the effective date of this Permit until the expiration date, the effluent of the above discharge(s) shall be monitored and limited at all times as follows:

	LOAD LIMITS lbs/day DAF (DMF)*			CONCENTRATION LIMITS MG/L				
Parameter	Monthly Average	Weekly Average	Daily Maximum	Monthly Average	Weekly Average	Daily Maximum	Sample Frequency	Sample Type
Flow (MGD)							Continuous	RIT***
[1]$CBOD_5$**								
April - November	1560 (3970)		3119 (7940)	17		34	3 Days/Week	Composite
December - March	1835 (4670)		3670 (9341)	20		40	3 Days/Week	Composite
[1]Suspended Solids								
June - January	1376 (3503)		2752 (7006)	15		30	3 Days/Week	Composite
February - May	2294 (5838)		4587 (11,676)	25		50	3 Days/Week	Composite
pH	Shall be in the range of 6 to 9 Standard Units						3 Days/Week	Grab
Fecal Coliform****	May through October					Report	1 Day/Week	Grab
Chlorine Residual	See Special Condition 7.							Grab
Ammonia Nitrogen as (N)								
January	257 (654)		771 (1962)	2.8		8.4	3 Days/Week	Composite
February	239 (607)		771 (1962)	2.6		8.4	3 Days/Week	Composite
March	183 (467)	642 (1635)	1083 (2756)	2.0	7.0	11.8	3 Days/Week	Composite
April	239 (607)	642 (1635)	1110 (2826)	2.6	7.0	12.1	3 Days/Week	Composite
May	165 (420)	642 (1635)	1110 (2826)	1.8	7.0	12.1	3 Days/Week	Composite
June	138 (350)	349 (887)	688 (1751)	1.5	3.8	7.5	3 Days/Week	Composite
July	128 (327)	349 (887)	688 (1751)	1.4	3.8	7.5	3 Days/Week	Composite
August	138 (350)	349 (887)	688 (1751)	1.5	3.8	7.5	3 Days/Week	Composite
September	165 (420)	642 (1635)	1110 (2826)	1.8	7.0	12.1	3 Days/Week	Composite
October	202 (514)	642 (1635)	1110 (2826)	2.2	7.0	12.1	3 Days/Week	Composite
November	128 (327)		771 (1962)	1.4		8.4	3 Days/Week	Composite
December	183 (467)		771 (1962)	2.0		8.4	3 Days/Week	Composite
Total Nitrogen	Monitor Only						1 Day/Month	Grab
Total Phosphorus	Monitor Only						1 Day/Month	Grab
Phenols	See Special Condition 24							Composite
Zinc	See Special Conditions 22 and 23							Composite

*Load limits based on design maximum flow shall apply only when flow exceeds design average flow.
**Carbonaceous BOD_5 ($CBOD_5$) testing shall be in accordance with 40 CFR 136.
***Recording Indication Totalizing.
****Fecal Coliform shall be reported as a daily maximum value on the DMR.

Flow shall be reported on the Discharge Monitoring Report (DMR) as monthly average and daily maximum.

pH shall be reported on the DMR as a minimum and a maximum.

[1] See Special Conditions 18 and 19.

NPDES Permit IL0023141

Effluent Limitations, Monitoring, and Reporting

FINAL

Discharge Number(s) and Name(s): 070 Lagoon Emergency Flow Discharge

Discharge from this outfall shall not occur until the main treatment facility is treating 28 MGD and the lagoon is full.

From the effective date of this Permit until the expiration date of this Permit, the effluent of the above discharge(s) shall be monitored and limited at all times as follows:

	LOAD LIMITS lbs/day DAF (DMF)*			CONCENTRATION LIMITS Mg/L			Discharging	
Parameter	Monthly Average		Daily Maximum	Monthly Average		Daily Maximum	Sample Frequency	Sample Type
Total Flow (MG)			Report				Daily When Discharging	
BOD_5							Daily When Discharging	Grab
Suspended Solids							*Daily When Discharging	Grab
Fecal Coliform	Daily Maximum Shall Not Exceed 400 per 100 mL						*Daily When Discharging	Grab
pH	Shall be in the range of 6 to 9 Standard Units						*Daily When Discharging	Grab
Chlorine Residual				1.0			*Daily When Discharging	Grab

* Sampling shall be performed during the first hour of a discharge and then daily thereafter until the discharge stops.

Total flow in million gallons shall be reported on the Discharge Monitoring Report (DMR) in the quantity maximum column.

Report the number of days of discharge in the comments section of the DMR.

BOD_5 and Suspended Solids shall be reported on the DMR as a concentration monthly average.

Fecal Coliform shall be reported on the DMR as Daily Maximum.

pH shall be reported on the DMR as a minimum and a maximum.

NPDES Permit IL0023141

Effluent Limitations, Monitoring, and Reporting

FINAL

Discharge Number(s) and Name(s): 066 West Street Treated Combined Sewage Outfall

These facilities shall not be utilized until the West Street sewer is receiving its maximum practical flow.

From the effective date of this Permit until the expiration date of this Permit, the effluent of the above discharge(s) shall be monitored and limited at all times as follows:

	LOAD LIMITS lbs/day DAF (DMF)*		CONCENTRATION LIMITS mg/L		
PARAMETER	MONTHLY AVG.	DAILY MAX.	MONTHLY AVG.	SAMPLE FREQUENCY	SAMPLE TYPE
Total Flow (MG)		Report		Continuous When Discharging	
BOD_5			Report	Daily When Discharging	Grab
Suspended Solids			Report	Daily When Discharging	Grab
Fecal Coliform	Daily Maximum Shall Not Exceed 400 per 100 ml			Daily When Discharging	Grab
pH	Shall be in the range of 6 to 9 Standard Units			Daily When Discharging	Grab
Chlorine Residual			1.0	Daily When Discharging	Grab

Total flow in million gallons shall be reported on the Discharge Monitoring Report (DMR) in the quantity maximum column.

Report the number of days of discharge in the comments section of the DMR.

Fecal Coliform shall be reported on the DMR as Daily Maximum.

pH shall be reported on the DMR as a minimum and a maximum.

BOD_5 and Suspended Solids shall be reported on the DMR as a concentration monthly average.

NPDES Permit IL0023141

Effluent Limitations, Monitoring, and Reporting

FINAL

Discharge Number(s) and Name(s): 067 Court Creek Treated Combined Sewage Outfall

These facilities shall not be utilized until pumping Station No. 1 is receiving its maximum practical flow.

From the effective date of this Permit until the expiration date of this Permit, the effluent of the above discharge(s) shall be monitored and limited at all times as follows:

	LOAD LIMITS lbs/day DAF (DMF)*		CONCENTRATION LIMITS mg/L		
PARAMETER	MONTHLY AVG.	DAILY MAX.	MONTHLY AVG.	SAMPLE FREQUENCY	SAMPLE TYPE
Total Flow (MG)		Report		Continuous When Discharging	
BOD_5			Report	Daily When Discharging	Grab
Suspended Solids			Report	Daily When Discharging	Grab
Fecal Coliform	Daily Maximum Shall Not Exceed 400 per 100 ml			Daily When Discharging	Grab
pH	Shall be in the range of 6 to 9 Standard Units			Daily When Discharging	Grab
Chlorine Residual			1.0	Daily When Discharging	Grab

Total flow in million gallons shall be reported on the Discharge Monitoring Report (DMR) in the quantity maximum column.

Report the number of days of discharge in the comments section of the DMR.

Fecal Coliform shall be reported on the DMR as Daily Maximum.

pH shall be reported on the DMR as a minimum and a maximum.

BOD_5 and Suspended Solids shall be reported on the DMR as a concentration monthly average.

NPDES Permit IL0023141

Effluent Limitations, Monitoring, and Reporting

FINAL

Discharge Number(s) and Name(s): 068 Fremont Street Treated Combined Sewage Outfall

These facilities shall not be utilized until the sewers located on Fremont Street, east of the Cedar Fork bridge, are receiving their maximum practical flow.

From the effective date of this Permit until the expiration date of this Permit, the effluent of the above discharge(s) shall be monitored and limited at all times as follows:

	LOAD LIMITS lbs/day DAF (DMF)*		CONCENTRATION LIMITS mg/L		
PARAMETER	MONTHLY AVG.	DAILY MAX.	MONTHLY AVG.	SAMPLE FREQUENCY	SAMPLE TYPE
Total Flow (MG)		Report		Continuous When Discharging	
BOD_5			Report	Daily When Discharging	Grab
Suspended Solids			Report	Daily When Discharging	Grab
Fecal Coliform	Daily Maximum Shall Not Exceed 400 per 100 ml			Daily When Discharging	Grab
pH	Shall be in the range of 6 to 9 Standard Units			Daily When Discharging	Grab
Chlorine Residual			1.0	Daily When Discharging	Grab

Total flow in million gallons shall be reported on the Discharge Monitoring Report (DMR) in the quantity maximum column.

Report the number of days of discharge in the comments section of the DMR.

Fecal Coliform shall be reported on the DMR as Daily Maximum.

pH shall be reported on the DMR as a minimum and a maximum.

BOD_5 and Suspended Solids shall be reported on the DMR as a concentration monthly average.

NPDES Permit IL0023141

Effluent Limitations, Monitoring, and Reporting

FINAL

Discharge Number(s) and Name(s): 069 Losey Street Treated Combined Sewage Outfall

These facilities shall not be utilized until the interceptor sewer at Whitesboro Street is receiving its maximum practical flow.

From the effective date of this Permit until the expiration date of this Permit, the effluent of the above discharge(s) shall be monitored and limited at all times as follows:

	LOAD LIMITS lbs/day DAF (DMF)*		CONCENTRATION LIMITS mg/L		
PARAMETER	MONTHLY AVG.	DAILY MAX.	MONTHLY AVG.	SAMPLE FREQUENCY	SAMPLE TYPE
Total Flow (MG)		Report		Continuous When Discharging	
BOD_5			Report	Daily When Discharging	Grab
Suspended Solids			Report	Daily When Discharging	Grab
Fecal Coliform	Daily Maximum Shall Not Exceed 400 per 100 ml			Daily When Discharging	Grab
pH	Shall be in the range of 6 to 9 Standard Units			Daily When Discharging	Grab
Chlorine Residual			1.0	Daily When Discharging	Grab

Total flow in million gallons shall be reported on the Discharge Monitoring Report (DMR) in the quantity maximum column.

Report the number of days of discharge in the comments section of the DMR.

Fecal Coliform shall be reported on the DMR as Daily Maximum.

pH shall be reported on the DMR as a minimum and a maximum.

BOD_5 and Suspended Solids shall be reported on the DMR as a concentration monthly average.

NPDES Permit IL0023141

Effluent Limitations, Monitoring, and Reporting

FINAL

Discharge Number(s) and Name(s): CSO 022 West Street (N)

This overflow shall not be utilized until the sewers on which the diversions structures are located are transporting their maximum practical flows.

From the effective date of this Permit until the expiration date of this Permit, the above discharge(s) shall be monitored and limited at all times as follows:

	CONCENTRATION LIMITS mg/L			
PARAMETER	MONTHLY AVG.	DAILY MAX.	SAMPLE FREQUENCY	SAMPLE TYPE
Total Flow (MG)			* Continuous When Discharging	
Flow Rate (MGD)		Report	Continuous When Discharging	
Flow Duration (hours)			Continuous When Discharging	
BOD_5	Report	Report	Daily When Discharging	Grab
Suspended Solids	Report	Report	Daily When Discharging	Grab

Total flow in million gallons shall be reported on the Discharge Monitoring Report (DMR) in the quantity maximum column.

* Total flow, in million gallons, may be estimated.

Total flow duration in hours shall be reported on the DMR in the quantity maximum column.

Maximum flow rate in million gallons per day shall be reported on the DMR in the concentration maximum column.

Report the number of days of discharge in the comments section of the DMR.

NPDES Permit IL0023141

Effluent Limitations, Monitoring, and Reporting

FINAL

Discharge Number(s) and Name(s): CSO 029 McClure Street (S)

This overflow shall not be utilized until the sewers on which the diversions structures are located are transporting their maximum practical flows.

From the effective date of this Permit until the expiration date of this Permit, the above discharge(s) shall be monitored and limited at all times as follows:

	CONCENTRATION LIMITS mg/L			
PARAMETER	MONTHLY AVG.	DAILY MAX.	SAMPLE FREQUENCY	SAMPLE TYPE
Total Flow (MG)			* Continuous When Discharging	
Flow Rate (MGD)		Report	Continuous When Discharging	
Flow Duration (hours)			Continuous When Discharging	
BOD_5	Report	Report	Daily When Discharging	Grab
Suspended Solids	Report	Report	Daily When Discharging	Grab
Total Iron	2.0	4.0	Daily When Discharging	Grab

Total flow in million gallons shall be reported on the Discharge Monitoring Report (DMR) in the quantity maximum column.

* Total flow, in million gallons, may be estimated.

Total flow duration in hours shall be reported on the DMR in the quantity maximum column.

Maximum flow rate in million gallons per day shall be reported on the DMR in the concentration maximum column.

Report the number of days of discharge in the comments section of the DMR.

NPDES Permit IL0023141

Influent Monitoring, and Reporting

The influent to the plant shall be monitored as follows:

SAMPLE PARAMETER	SAMPLE FREQUENCY	TYPE
Flow (MGD)	Continuous	RIT*
BOD_5	3 Days/Week	Composite
Suspended Solids	3 Days/Week	Composite

Influent samples shall be taken at a point representative of the influent.

Flow (MGD) shall be reported on the Discharge Monitoring Report (DMR) as monthly average and daily maximum.

BOD_5 and Suspended Solids shall be reported on the DMR as a concentration monthly average.

*Recording Indicating Totalizing.

Special Conditions

SPECIAL CONDITION 1. This Permit may be modified to include different final effluent limitations or requirements which are consistent with applicable laws, regulations, or administrative or judicial orders. The IEPA will Public Notice the permit modification.

SPECIAL CONDITION 2. The use or operation of this facility shall be by or under the supervision of a Certified Class 1 operator.

SPECIAL CONDITION 3. The IEPA may request in writing submittal of operational information in a specified form and at a required frequency at any time during the effective period of this Permit.

SPECIAL CONDITION 4. The IEPA may request more frequent monitoring by permit modification pursuant to 40 CFR § 122.63 and Without Public Notice in the event of operational, maintenance or other problems resulting in possible effluent deterioration.

SPECIAL CONDITION 5. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standards outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 6. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 7. For Discharge No. 042, any use of chlorine to control slime growths, odors or as an operational control, etc. shall not exceed the limit of 0.05 mg/L (daily maximum) total residual chlorine in the effluent. Sampling is required on a daily grab basis during the chlorination process. Reporting shall be submitted on the DMR's on a monthly basis.

SPECIAL CONDITION 8.

A. Publicly Owned Treatment Works (POTW) Pretreatment Program General Provisions

1. The Permittee shall implement and enforce its approved Pretreatment Program which was approved on June 3, 1985 and all approved subsequent modifications thereto. The Permittee shall maintain legal authority adequate to fully implement the Pretreatment Program in compliance with Federal (40 CFR 403), State, and local laws and regulations. The Permittee shall:

   a. Carry out independent inspection and monitoring procedures at least once per year, which will determine whether each significant industrial user (SIU) is in compliance with applicable pretreatment standards; **[Note, where the POTW has been granted such authority, the following provision should be added: "Where the Permittee has been authorized to reduce oversight for "middle tier" SIUs consistent with 40 CFR 403.12(e)(3), the Permittee must monitor and conduct inspections of designated Ius at least once every two years. If the IU no longer meets the conditions for reduced reporting, the Permittee must immediately begin sampling and inspecting such IUs at least once a year."];**

   b. Evaluate whether each SIU needs a slug control plan or other action to control slug discharges. If needed, the SIU slug control plan shall include the items specified in 40 CFR 403.8(f)(2)(vi). For IUs identified as significant prior to November 14, 2005, this evaluation must have been conducted at least once by October 14, 2006; additional SIUs must be evaluated within 1 year of being designated an SIU;

   c. Update its inventory of Industrial Users (IUs) at least annually and as needed to ensure that all SIUs are properly identified, characterized, and categorized;

   d. Receive and review self monitoring and other IU reports to determine compliance with all pretreatment standards and requirements, and obtain appropriate remedies for noncompliance by any IU with any pretreatment standard and/or requirement;

   e. Investigate instances of noncompliance, collect and analyze samples, and compile other information with sufficient care as to produce evidence admissible in enforcement proceedings, including judicial action;

   f. Require development, as necessary, of compliance schedules by each industrial user to meet applicable pretreatment standards; and,

   g. Maintain an adequate revenue structure for continued operation of the Pretreatment Program.

2. The Permittee shall issue/reissue permits or equivalent control mechanisms to all SIUs prior to expiration of existing permits or prior to commencement of discharge in the case of new discharges. The permits at a minimum shall include the elements listed in 40 CFR § 403.8(f)(1)(iii).

Special Conditions

3. The Permittee shall develop, maintain, and enforce, as necessary, local limits to implement the prohibitions in 40 CFR § 403.5 which prohibit the introduction of specific pollutants to the waste treatment system from any source of nondomestic discharge.

4. In addition to the general limitations expressed in Paragraph 3 above, applicable pretreatment standards must be met by all industrial users of the POTW. These limitations include specific standards for certain industrial categories as determined by Section 307(b) and (c) of the Clean Water Act, State limits, or local limits, whichever are more stringent.

5. The USEPA and IEPA individually retain the right to take legal action against any industrial user and/or the POTW for those cases where an industrial user has failed to meet an applicable pretreatment standard by the deadline date regardless of whether or not such failure has resulted in a permit violation.

6. The Permittee shall establish agreements with all contributing jurisdictions, as necessary, to enable it to fulfill its requirements with respect to all IUs discharging to its system.

7. Unless already completed, the Permittee shall within six (6) months of the effective date of this Permit submit to USEPA and IEPA a proposal to modify and update its approved Pretreatment Program to incorporate Federal revisions to the general pretreatment regulations. The proposal shall include all changes to the approved program and the sewer use ordinance which are necessary to incorporate the revisions of the Pretreatment Streamlining Rule (which became effective on November 14, 2005), which are considered required changes, as described in the Pretreatment Streamlining Rule Fact Sheet 2.0: Required changes, available at: http://cfpub.epa.gov/npdes/whatsnew.cfm?program_id=3. This includes any necessary revisions to the Permittee's Enforcement Response Plan (ERP).

8. Within 6 months from the effective date of this permit, the Permittee shall conduct a technical re-evaluation of its local limitations consistent with U.S. EPA's Local Limits Development Guidance (July 2004), and submit the evaluation and any proposed revisions to its local limits to IEPA and U.S. EPA Region 5 for review and approval. To demonstrate technical justification for new local industrial user limits or justification for retaining existing limits, the following information must be submitted to U.S. EPA:

   a. Total plant flow
   b. Domestic/commercial pollutant contributions for pollutants of concern
   c. Industrial pollutant contributions and flows
   d. Current POTW pollutant loadings, including loadings of conventional pollutants
   e. Actual treatment plant removal efficiencies, as a decimal (primary, secondary, across the wastewater treatment plant)
   f. Safety factor to be applied
   g. Identification of applicable criteria:
      i. NPDES permit conditions
         - Specific NPDES effluent limitations
         - Water-quality criteria
         - Whole effluent toxicity requirements
         - Criteria and other conditions for sludge disposal
      ii. Biological process inhibition
         - Nitrification
         - Sludge digester
      iii. Collection system problems
   h. The Permittee's sludge disposal methods (land application, surface disposal, incineration, landfill)
   i. Sludge flow to digester
   j. Sludge flow to disposal
   k. % solids in sludge to disposal, not as a decimal
   l. % solids in sludge to digester, not as a decimal
   m. Plant removal efficiencies for conventional pollutants
   n. If revised industrial user discharge limits are proposed, the method of allocating available pollutants loads to industrial users
   o. A comparison of maximum allowable headworks loadings based on all applicable criteria listed in g, above
   p. Pollutants that have caused:
      i. Violations or operational problems at the POTW, including conventional pollutants
      ii. Fires and explosions
      iii. Corrosion
      iv. Flow obstructions
      v. Increased temperature in the sewer system
      vi. Toxic gases, vapors or fumes that caused acute worker health and safety problems
      vii. Toxicity found through Whole Effluent Toxicity testing
      viii. Inhibition
   q. Pollutants designated as "monitoring only" in the NPDES permit.
   r. Supporting data, assumptions, and methodologies used in establishing the information a through q above

9. The Permittee's Pretreatment Program has been modified to incorporate a Pretreatment Program Amendment approved on October 1, 1996 and October 20, 2003. The amendment became effective on the date of approval and is a fully enforceable provision of your Pretreatment Program.

   Modifications of your Pretreatment Program shall be submitted in accordance with 40 CFR § 403.18, which established conditions for substantial and nonsubstantial modifications.

B. Reporting and Records Requirements

1. The Permittee shall provide an annual report briefly describing the permittee's pretreatment program activities over the previous calendar year. Permittees who operate multiple plants may provide a single report providing all plant-specific reporting requirements are met. Such report shall be submitted no later than April 28 of each year, and shall be in the format set forth in IEPA's POTW Pretreatment Report Package which contains information regarding:

   a. An updated listing of the Permittee's significant industrial users, indicating additions and deletions from the previous year, along with brief explanations for deletions. The list shall specify which categorical Pretreatment standards, if any, are applicable to each Industrial User. **[Note, where the POTW has been granted such authority, the following provision should be added: "The list must also identify Industrial Users subject to categorical Pretreatment Standards that are subject to reduced reporting requirements under 40 CFR § 403.12(e)(3), and identify which Industrial Users are Non-Significant Categorical Industrial Users."]**

   b. A descriptive summary of the compliance activities including numbers of any major enforcement actions, (i.e., administrative orders, penalties, civil actions, etc.), and the outcome of those actions. This includes an assessment of the compliance status of the Permittee's industrial users and the effectiveness of the Permittee's Pretreatment Program in meeting its needs and objectives.

   c. A description of all substantive changes made to the Permittee's Pretreatment Program. Changes which are "substantial modifications" as described in 40 CFR § 403.18(c) must receive prior approval from the Approval Authority.

   d. Results of sampling and analysis of POTW influent, effluent, and sludge.

   e. A summary of the findings from the priority pollutants sampling. As sufficient data becomes available the IEPA may modify this Permit to incorporate additional requirements relating to the evaluation, establishment, and enforcement of local limits for organic pollutants. Any permit modification is subject to formal due process procedures pursuant to State and Federal law and regulation. Upon a determination that an organic pollutant is present that causes interference or pass through, the Permittee shall establish local limits as required by 40 CFR § 403.5(c).

2. The Permittee shall maintain all pretreatment data and records for a minimum of three (3) years. This period shall be extended during the course of unresolved litigation or when requested by the IEPA or the Regional Administrator of USEPA. Records shall be available to USEPA and the IEPA upon request.

3. The Permittee shall establish public participation requirements of 40 CFR 25 in implementation of its Pretreatment Program. The Permittee shall at least annually, publish the names of all IU's which were in significant noncompliance (SNC), as defined by 40 CFR § 403.8(f)(2)(viii), in a newspaper of general circulation that provides meaningful public notice within the jurisdictions served by the Permittee or based on any more restrictive definition of SNC that the POTW may be using.

4. The Permittee shall provide written notification to the Deputy Counsel for the Division of Water Pollution Control, IEPA, 1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 within five (5) days of receiving notice that any Industrial User of its sewage treatment plant is appealing to the Circuit Court any condition imposed by the Permittee in any permit issued to the Industrial User by Permittee. A copy of the Industrial User's appeal and all other pleadings filed by all parties shall be mailed to the Deputy Counsel within five (5) days of the pleadings being filed in Circuit Court.

C. Monitoring Requirements

1. The Permittee shall monitor its influent, effluent and sludge and report concentrations of the following parameters on monitoring report forms provided by the IEPA and include them in its annual report. Samples shall be taken at 6 month intervals at the indicated reporting limit or better and consist of a 24-hour composite unless otherwise specified below. Sludge samples shall be taken of final sludge and consist of a grab sample reported on a dry weight basis.

Special Conditions

STORET CODE	PARAMETER	Minimum reporting limit
01097	Antimony	0.07 mg/L
01002	Arsenic	0.05 mg/L
01007	Barium	0.5 mg/L
01012	Beryllium	0.005 mg/L
01027	Cadmium	0.001 mg/L
01032	Chromium (hex) (grab not to exceed 24 hours)*	0.01 mg/L
01034	Chromium (total)	0.05 mg/L
01042	Copper	0.005 mg/L
00718	Cyanide (weak acid dissociable)* (grab)	5.0 ug/L
00720	Cyanide (total) (grab)	5.0 ug/L
00951	Fluoride*	0.1 mg/L
01045	Iron (total)	0.5 mg/L
01046	Iron (Dissolved)*	0.5 mg/L
01051	Lead	0.05 mg/L
01055	Manganese	0.5 mg/L
71900	Mercury (effluent grab)***	1.0 ng/L**
01067	Nickel	0.005 mg/L
00556	Oil (hexane soluble or equivalent) (Grab Sample only)*	5.0 mg/L
32730	Phenols (grab)	0.005 mg/L
01147	Selenium	0.005 mg/L
01077	Silver (total)	0.003 mg/L
01059	Thallium	0.3 mg/L
01092	Zinc	0.025 mg/L

* Influent and effluent only
**1 ng/L = 1 part per trillion.
***Utilize USEPA Method 1631E and the digestion procedure described in Section 11.1.1.2 of 1631E, other approved methods may be used for influent (composite) and sludge.

Unless otherwise indicated, concentrations refer to the total amount of the constituent present in all phases, whether solid, suspended or dissolved, elemental or combined including all oxidation states. Where constituents are commonly measured as other than total, the phase is so indicated.

2. The Permittee shall conduct an analysis for the one hundred and ten (110) organic priority pollutants identified in 40 CFR 122 Appendix D, Table II as amended. This monitoring shall be done annually and reported on monitoring report forms provided by the IEPA and shall consist of the following:

   a. The influent and effluent shall be sampled and analyzed for the one hundred and ten (110) organic priority pollutants. The sampling shall be done during a day when industrial discharges are expected to be occurring at normal to maximum levels.

      Samples for the analysis of acid and base/neutral extractable compounds shall be 24-hour composites.

      Five (5) grab samples shall be collected each monitoring day to be analyzed for volatile organic compounds. A single analysis for volatile pollutants (Method 624) may be run for each monitoring day by compositing equal volumes of each grab sample directly in the GC purge and trap apparatus in the laboratory, with no less than one (1) mL of each grab included in the composite.

      Wastewater samples must be handled, prepared, and analyzed by GC/MS in accordance with USEPA Methods 624 and 625 of 40 CFR 136 as amended.

   B. The sludge shall be sampled and analyzed for the one hundred and ten (110) organic priority pollutants. A sludge sample shall be collected concurrent with a wastewater sample and taken as final sludge.

      Sampling and analysis shall conform to USEPA Methods 624 and 625 unless an alternate meth__ has been approved by IEPA.

   C. Sample collection, preservation and storage shall conform to approved USEPA procedures and requirements.

3. In addition, the Permittee shall monitor any new toxic substances as defined by the Clean Water Act, as amended, following notification by the IEPA.

Special Conditions

4. Permittee shall report any noncompliance with effluent or water quality standards in accordance with Standard Condition 12(e) of this Permit.

5. Analytical detection limits shall be in accordance with 40 CFR 136. Minimum detection limits for sludge analyses shall be in accordance with 40 CFR 503.

SPECIAL CONDITION 9. The Permittee has undergone a Monitoring Reduction review and the influent and effluent sample frequency has been reduced for BOD_5, $CBOD_5$, suspended solids, pH, and ammonia due to sustained compliance. The IEPA will require that the influent and effluent sampling frequency for these parameters be increased to 5 days/week if effluent deterioration occurs due to increased wasteload, operational, maintenance or other problems. The increased monitoring will be required Without Public Notice when a permit modification is received by the Permittee from the IEPA.

SPECIAL CONDITION 10. During January of each year the Permittee shall submit annual fiscal data regarding sewerage system operations to the Illinois Environmental Protection Agency/Division of Water Pollution Control/Compliance Assurance Section. The Permittee may use any fiscal year period provided the period ends within twelve (12) months of the submission date.

Submission shall be on forms provided by IEPA titled “Fiscal Report Form For NPDES Permittees”.

SPECIAL CONDITION 11. The Permittee shall conduct biomonitoring of the effluent from Discharge Number(s) 042.

Biomonitoring

1. Acute Toxicity - Standard definitive acute toxicity tests shall be run on at least two trophic levels of aquatic species (fish, invertebrate) representative of the aquatic community of the receiving stream. Testing must be consistent with Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms (Fifth Ed.) EPA/821-R-02-012. Unless substitute tests are pre-approved; the following tests are required:

a. Fish - 96 hour static LC_{50} Bioassay using fathead minnows (Pimephales promelas).

b. Invertebrate 48-hour static LC_{50} Bioassay using Ceriodaphnia.

2. Testing Frequency - The above tests shall be conducted using 24-hour composite samples unless otherwise authorized by the IEPA. Samples must be collected in the 18th, 15th, 12th, and 9th month prior to the expiration date of this Permit.

3. Reporting - Results shall be reported according to EPA/821-R-02-012, Section 12, Report Preparation, and shall be submitted to IEPA, Bureau of Water, Compliance Assurance Section within one week of receipt from the laboratory. Reports are due to the IEPA no later than the 16th, 13th, 10th, and 7th month prior to the expiration date of this Permit.

4. Toxicity - Should a bioassay result in toxicity to >20% of organisms test in the 100% effluent treatment, the IEPA may require, upon notification, six (6) additional rounds of monthly testing on the affected organism(s) to be initiated within 30 days of the toxic bioassay. Results shall be submitted to IEPA within (1) week of becoming available to the Permittee. Should any of the additional bioassays result in toxicity to $\geq$50% of organisms tested in the 100% effluent treatments, the Permittee may wish to contact the IEPA to request the discontinuance of further sampling at which time the IEPA may require the Permittee to begin the toxicity reduction evaluation and identification as outlined below.

5. Toxicity Reduction Evaluation - Should the results of the biomonitoring program identify toxicity, the IEPA may require that the Permittee prepare a plan for toxicity reduction evaluation and identification. This plan shall be developed in accordance with Toxicity Reduction Evaluation Guidance for Municipal Wastewater Treatment Plants, EPA/833B-99/002, and shall include an evaluation to determine which chemicals have a potential for being discharged in the plant wastewater, a monitoring program to determine their presence or absence and to identify other compounds which are not being removed by treatment, and other measures as appropriate. The Permittee shall submit to the IEPA its plan for toxicity reduction evaluation within ninety (90) days following notification by the IEPA. The Permittee shall implement the plan within ninety (90) days or other such date as contained in a notification letter received from the IEPA.

   The IEPA may modify this Permit during its term to incorporate additional requirements or limitations based on the results of the biomonitoring. In addition, after review of the monitoring results, the IEPA may modify this Permit to include numerical limitations for specific toxic pollutants. Modifications under this condition shall follow public notice and opportunity for hearing.

SPECIAL CONDITION 12. Discharges from sanitary sewers are prohibited in accordance with Ill. Adm. Code 306.304. Any overflows from sanitary sewers are considered a violation of the conditions of this Permit, may endanger the environment, and are subject to the reporting requirements of Standard Condition 12(e).

Special Conditions

SPECIAL CONDITION 13. For the duration of this Permit, the Permittee shall determine the quantity of sludge produced by the treatment facility in dry tons or gallons with average percent total solids analysis. The Permittee shall maintain adequate records of the quantities of sludge produced and have said records available for IEPA inspection. The Permittee shall submit to the IEPA, at a minimum, a semi-annual summary report of the quantities of sludge generated and disposed of, in units of dry tons or gallons (average total percent solids) by different disposal methods including but not limited to application on farmland, application on reclamation land, landfilling, public distribution, dedicated land disposal, sod farms, storage lagoons or any other specified disposal method. Said reports shall be submitted to the IEPA by January 31 and July 31 of each year reporting the preceding January thru June and July thru December interval of sludge disposal operations.

Duty to Mitigate. The Permittee shall take all reasonable steps to minimize any sludge use or disposal in violation of this Permit.

Sludge monitoring must be conducted according to test procedures approved under 40 CFR 136 unless otherwise specified in 40 CFR 503, unless other test procedures have been specified in this Permit.

Planned Changes. The Permittee shall give notice to the IEPA on the semi-annual report of any changes in sludge use and disposal.

The Permittee shall retain records of all sludge monitoring, and reports required by the Sludge Permit as referenced in Standard Condition 23 for a period of at least five (5) years from the date of this Permit.

If the Permittee monitors any pollutant more frequently than required by the Sludge Permit, the results of this monitoring shall be included in the reporting of data submitted to the IEPA.

Monitoring reports for sludge shall be reported on the form titled “Sludge Management Reports” to the following address:

Illinois Environmental Protection Agency
Bureau of Water
Compliance Assurance Section
Mail Code #19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

SPECIAL CONDITION 14.

AUTHORIZATION OF
COMBINED SEWER AND TREATMENT PLANT DISCHARGES

The IEPA has determined that at least a portion of the collection system consists of combined sewers. References to the collection system and the sewer system refer only to those parts of the system which are owned and operated by the Permittee unless otherwise indicated. The Permittee is authorized to discharge from the overflow(s)/bypass(es) listed below provided the diversion structure is located on a combined sewer and the following terms and conditions are met:

Discharge Number	Location	Receiving Water
001	Lincoln Street (S)	Cedar Creek
003	Pearl Street (N)	Cedar Creek
004	Pearl Street (S)	Cedar Creek
005	Pine Street (S)	Cedar Creek
006	Chambers Street (S)	Cedar Creek
007	Chambers Street (N)	Cedar Creek
008	Seminary Street (N)	Cedar Creek
009	Seminary Street (S)	Cedar Creek
010	Kellogg Street (N)	Cedar Creek
012	Prairie Street (N)	Cedar Creek
013	Prairie Street (S)	Cedar Creek
014	Cherry Street (N)	Cedar Creek
015	Cherry Street (SE)	Cedar Creek
017	Broad Street (N)	Cedar Creek
018	Broad Street (SW)	Cedar Creek
019	Broad Street (SE)	Cedar Creek
020	Cedar Street (N)	Cedar Creek
021	Cedar Street (S)	Cedar Creek

022	West Street (N)	Cedar Creek
023	Academy Street (N)	Cedar Creek
024	Academy Street (S)	Cedar Creek
025	Maple Street (S)	Cedar Creek
026	Main Street	Cedar Creek
028	Henderson Street (NE)	Cedar Creek
030	Main Street at Edwards	Cedar Creek
031	Brick Railroad Crossing	Cedar Creek
032	Holton Street and Tompkins Street	Cedar Creek
033	Brooks St. and Academy St. (from west)	Cedar Creek
034	Brooks St. and Academy St. (from east)	Cedar Creek
035	West Street and Knox Street	Cedar Creek
037	Knox Street and Depot Street (N)	Cedar Creek
043	Pump Station #1 Grand Ave. and Farnham	Court Creek
047	Indiana Avenue and Berrien Street	Court Creek

Treatment Requirements

1. All combined sewer overflows and treatment plant bypasses shall be given sufficient treatment to prevent pollution and the violation of applicable water quality standards. Sufficient treatment shall consist of the following:

a. All dry weather flows, and the first flush of storm flows shall meet all applicable effluent standards and the effluent limitations as required for the main STP outfall;

b. Additional flows, but not less than ten times the average dry weather flow for the design year, shall receive a minimum of primary treatment and disinfection with adequate retention time; and,

c. Additional flows, shall be treated to the extent necessary to comply with applicable water quality standards and the federal Clean Water Act, including any amendments made by the Wet Weather Water Quality Act of 2000.

2. All CSO discharges authorized by this Permit shall be treated, in whole or in part, to the extent necessary to prevent accumulations of sludge deposits, floating debris and solids in accordance with 35 Ill. Adm. Code 302.203 and to prevent depression of oxygen levels below the applicable water quality standards.

3. Overflows during dry weather are prohibited. Dry weather overflows shall be reported to the IEPA pursuant to Standard Condition 12(e) of this Permit (24 hour notice).

4. The collection system shall be operated to optimize transport of wastewater flows and to minimize CSO discharges.

5. The treatment system shall be operated to maximize treatment of wastewater flows.

2. All CSO discharges authorized by this Permit shall be treated, in whole or in part, to the extent necessary to prevent accumulations of sludge deposits, floating debris and solids in accordance with 35 Ill. Adm. Code 302.203 and to prevent depression of oxygen levels below the applicable water quality standards.

3. Overflows during dry weather are prohibited. Dry weather overflows shall be reported to the IEPA pursuant to Standard Condition 12(e) of this Permit (24 hour notice).

4. The collection system shall be operated to optimize transport of wastewater flows and to minimize CSO discharges.

5. The treatment system shall be operated to maximize treatment of wastewater flows.

Nine Minimum Controls

6. The Permittee shall comply with the nine minimum controls contained in the National CSO Control Policy published in the Federal Register on April 19, 1994. The nine minimum controls are:

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a. Proper operation and maintenance programs for the sewer system and the CSOs (Compliance with this Item shall be met through the requirements imposed by Paragraph 8 of this Special Condition);

b. Maximum use of the collection system for storage (Compliance with this Item shall be met through the requirements imposed by Paragraphs 1, 4, and 8 of this Special Condition);

c. Review and modification of pretreatment requirements to assure CSO impacts are minimized (Compliance with this Item shall be met through the requirements imposed by Paragraph 9 of this Special Condition);

d. Maximization of flow to the POTW for treatment (Compliance with this Item shall be met through the requirements imposed by Paragraphs 4, 5, and 8 of this Special Condition);

e. Prohibition of CSOs during dry weather (Compliance with this Item shall be met through the requirements imposed by Paragraph 3 of this Special Condition);

f. Control of solids and floatable materials in CSOs (Compliance with this Item shall be met through the requirements imposed by Paragraphs 2 and 8 of this Special Condition);

g. Pollution prevention programs which focus on source control activities (Compliance with this Item shall be met through the requirements imposed by Paragraph 6 of this Special Condition, **See Below**);

h. Public notification to ensure that citizens receive adequate information regarding CSO occurrences and CSO impacts (Compliance with this Item shall be met through the requirements imposed by Paragraph 12 of this Special Condition); and,

i. Monitoring to characterize impacts and efficiency of CSO controls (Compliance with this Item shall be met through the requirements imposed by Paragraphs 10 and 11 of this Special Condition).

A pollution prevention plan (PPP) shall be developed by the Permittee unless one has already been prepared for this collection system. Any previously-prepared PPP shall be reviewed, and revised if necessary, by the Permittee to address the items contained in Chapter 8 of the U.S. EPA guidance document, Combined Sewer Overflows, Guidance For Nine Minimum Controls, and any items contained in previously-sent review documents from the IEPA concerning the PPP. Combined Sewer Overflows, Guidance For Nine Minimum Controls is available on line at http://www.epa.gov/npdes/pubs/owm0030.pdf. The PPP (or revised PPP) shall be presented to the general public at a public information meeting conducted by the Permittee within nine (9) months of the effective date of this Permit. The Permittee shall submit documentation that the pollution prevention plan complies with the requirements of this Permit and that the public information meeting was held. Such documentation shall be submitted to the IEPA within twelve (12) months of the effective date of this Permit and shall include a summary of all significant issues raised by the public, the Permittee's response to each issue, and two (2) copies of the "CSO Pollution Prevention Plan Certification" one (1) with original signatures. This certification form is available online at http://www.epa.state.il.us/water/permits/waste-water/forms/cso-pol-prev.pdf. Following the public meeting, the Permittee shall implement the pollution prevention plan within one (1) year and shall maintain a current pollution prevention plan, updated to reflect system modifications, on file at the sewage treatment works or other acceptable location and made available to the public. The pollution prevention plan shall be submitted to the IEPA upon written request.

Sensitive Area Considerations

7. Pursuant to Section II.C.3 of the federal CSO Control Policy of 1994, sensitive areas are any water likely to be impacted by a CSO discharge which meet one or more of the following criteria: (1) designated as an Outstanding National Resource Water; (2) found to contain shellfish beds; (3) found to contain threatened or endangered aquatic species or their habitat; (4) used for primary contact recreation; or, (5) within the protection area for a drinking water intake structure.

   The IEPA has tentatively determined that none of the outfalls listed in this Special Condition discharge to sensitive areas. However, if information becomes available that causes the IEPA to reverse this determination, the IEPA will notify the Permittee in writing. Within three (3) months of the date of notification, or such other date contained in the notification letter, the Permittee shall submit two (2) copies of either a schedule to relocate, control, or treat discharges from these outfalls. If none of these options are possible, the Permittee shall submit adequate justification at that time as to why these options are not possible. Such justification shall be in accordance with Section II.C.3 of the National CSO Control Policy.

8. The IEPA reviewed and accepted a CSO operational and maintenance plan "CSO O&M plan" on September 12, 2000 prepared for this sewerage system. The Permittee shall review and revise, if needed, the CSO O&M plan to reflect system changes.

The CSO O&M plan shall be presented to the general public at a public information meeting conducted by the Permittee within nine (9) months of the effective date of this Permit. The Permittee shall submit documentation that the CSO O&M plan complies with the requirements of this Permit and that the public information meeting was held. Such documentation shall be submitted to the IEPA within twelve (12) months of the effective date of this Permit and shall include a summary of all significant issues raised by the public, the Permittee's response to each issue, and two (2) copies of the "CSO Operational Plan Checklist and Certification", one (1) with original signatures. Copies of the "CSO Operational Plan Checklist and Certification" are available online at http://www.epa.state.il.us/water/permits/waste-water/forms/cso-checklist.pdf. Following the public meeting, the Permittee shall implement the CSO O&M plan within one (1) year and shall maintain a current CSO O&M plan, updated to reflect system modifications, on file at the sewage treatment works or other acceptable location and made available to the public. The CSO O&M plan revisions shall be submitted to the IEPA one (1) month from the revision date.

The objectives of the CSO O&M plan are to reduce the total loading of pollutants and floatables entering the receiving stream and to ensure that the Permittee ultimately achieves compliance with water quality standards. These plans, tailored to the local governments's collection and waste treatment systems, shall include mechanisms and specific procedures where applicable to ensure:

a. Collection system inspection on a scheduled basis;

b. Sewer, catch basin, and regulator cleaning and maintenance on a scheduled basis;

c. Inspections are made and preventive maintenance is performed on all pump/lift stations;

d. Collection system replacement, where necessary;

e. Detection and elimination of illegal connections;

f. Detection, prevention, and elimination of dry weather overflows;

g. The collection system is operated to maximize storage capacity and the combined sewer portions of the collection system are operated to delay storm entry into the system; and,

h. The treatment and collection systems are operated to maximize treatment.

Sewer Use Ordinances

9. The Permittee, within six (6) months of the effective date of this Permit, shall review and where necessary, modify its existing sewer use ordinance to ensure it contains provisions addressing the conditions below. If no ordinance exists, such ordinance shall be developed and implemented within six (6) months from the effective date of this Permit. Upon completion of the review of the sewer use ordinance(s), the Permittee shall submit two (2) copies of a completed "Certification of Sewer Use Ordinance Review", one (1) with original signatures. Copies of the certification form can be obtained on line at http://www.epa.state.il.us/water/permits/waste-water/forms/sewer-use.pdf. The Permittee shall submit copies of the sewer use ordinance(s) to the IEPA one (1) month from the revision date. Sewer use ordinances are to contain specific provisions to:

   a. Prohibit introduction of new inflow sources to the sanitary sewer system;

   b. Require that new construction tributary to the combined sewer system be designed to minimize and/or delay inflow contribution to the combined sewer system;

   c. Require that inflow sources on the combined sewer system be connected to a storm sewer, within a reasonable period of time, if a storm sewer becomes available;

   d. Provide that any new building domestic waste connection shall be distinct from the building inflow connection, to facilitate disconnection if a storm sewer becomes available;

   e. Assure that CSO impacts from non-domestic sources are minimized by determining which non-domestic discharges, if any, are tributary to CSOs and reviewing, and, if necessary, modifying the sewer use ordinance to control pollutants in these discharges; and,

   f. Assure that the owners of all publicly owned systems with combined sewers tributary to the Permittee's collection system have procedures in place adequate to ensure that the objectives, mechanisms, and specific procedures given in Paragraph 8 of this Special Condition are achieved.

   The Permittee shall enforce the applicable sewer use ordinances.

Special Conditions

Long-Term Control Planning and Compliance with Water Quality Standards

10.

a. Pursuant to Section 301 of the federal Clean Water Act, 33 U.S.C. § 1311 and 40 CFR § 122.4, discharges from the CSOs, including the outfalls listed in this Special Condition and any other outfall listed as a "Treated Combined Sewage Outfall", shall not cause or contribute to violations of applicable water quality standards or cause use impairment in the receiving waters. In addition, discharges from CSOs shall comply with all applicable parts of 35 Ill. Adm. Code 306.305(a), (b), (c), and (d).

b. The Long Term Control Plan (LTCP), submitted in October, 2010. The LTCP when approved and implemented, will meet the presumptive approach prescribed by Section II C.4.a.i of the federal CSO Control Policy. The implementation schedule can be found under the Summary and Compliance Dates in this CSO Special Condition (Item 14). All provisions of this Special Condition shall stay in effect prior to and after completion of construction. The permittee shall submit to this Agency for review and approval a post construction monitoring plan 1 year prior to construction completion.

Monitoring, Reporting and Notification Requirements

11. The Permittee shall monitor the frequency of discharge (number of discharges per month) and estimate the duration (in hours) of each discharge from each outfall listed in this Special Condition. Estimates of storm duration and total rainfall shall be provided for each storm event.

For frequency reporting, all discharges from the same storm, or occurring within 24 hours, shall be reported as one. The date that a discharge commences shall be recorded for each outfall. Reports shall be in the form specified by the IEPA and on forms provided by the IEPA. These forms shall be submitted to the IEPA monthly with the DMRs and covering the same reporting period as the DMRs. Parameters (other than flow frequency), if required in this Permit, shall be sampled and reported as indicated in the transmittal letter for such report forms.

12. A public notification program in accordance with Section II.B.8 of the federal CSO Control Policy of 1994 shall be developed employing a process that actively informs the affected public. The program shall include at a minimum public notification of CSO occurrences and CSO impacts, with consideration given to including mass media and/or Internet notification. The Permittee shall also consider posting signs in waters likely to be impacted by CSO discharges at the point of discharge and at points where these waters are used for primary contact recreation. Provisions shall be made to include modifications of the program when necessary and notification to any additional member of the affected public. The program shall be presented to the general public at a public information meeting conducted by the Permittee. The Permittee shall conduct the public information meeting within nine (9) months of the effective date of this Permit. The Permittee shall submit documentation that the public information meeting was held, shall submit a summary of all significant issues raised by the public and the Permittee's response to each issue and shall identify any modifications to the program as a result of the public information meeting. The Permittee shall submit the public information meeting documentation to the IEPA and implement the public notification program within twelve (12) months of the effective date of this Permit. The Permittee shall submit copies of the public notification program to the IEPA upon written request.

13. If any of the CSO discharge points listed in this Special Condition are eliminated, or if additional CSO discharge points, not listed in this Special Condition, are discovered, the Permittee shall notify the IEPA in writing within one (1) month of the respective outfall elimination or discovery. Such notification shall be in the form of a request for the appropriate modification of this NPDES Permit.

Summary of Compliance Dates in this CSO Special Condition

14. The following summarizes the dates that submittals contained in this Special Condition are due at the IEPA (unless otherwise indicated):

Submission of CSO Monitoring Data (Paragraph 11)	25th of every month
Submission of Revised CSO O&M Plan (Paragraph 8)	1 month from revision date
Elimination of a CSO or Discovery of Additional CSO Locations (Paragraph 13)	1 month from discovery or elimination
Control (or Justification for No Control) of CSOs to Sensitive Areas (Paragraph 7)	3 months from IEPA notification
Certification of Sewer Use Ordinance Review (Paragraph 9)	6 months from the effective date of this Permit

Special Conditions

Conduct Pollution Prevention, OMP, and PN Public Information Meeting (Paragraphs, 6, 8 and 12) **No Submittal Due with this Milestone**	9 months from the effective date of this Permit
Submit Pollution Prevention Certification, OMP Certification, and PN Information Meeting Summary (Paragraphs, 6, 8 and 12)	12 months from the effective date of this Permit

Action Item	Completion Date
Progress Report	6 months from the effective date of this Permit and every six month thereafter
Phase 1	11-30-2012 if SRF Funding available or 11-30-2013 without SFR Funding
Phase 2	12-1-2010
Phase 3	2014
Phase 4	11-30-2015

Phase 1 - Add excess flow pumps at WWTP to 2.9 million gallon lagoon, increase size of lagoon and add chlorination facility for the lagoon effluent.

Phase 2 - Cedar Creek Interceptor Lining Project, which extends to West Street (2,924 feet).

Phase 3 – Cedar Creek Interceptor Lining Project, which extends to the treatment plant (approximately 11,500 feet).

Phase 4 – Modify the Control Scheme at Excess Flow 066 to operate off of a level controller at 022, if pumping records reveal this is necessary and if the District has not achieved four CSO events or less annually.

All submittals listed in this Special Condition can be mailed to the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Attention: CSO Coordinator, Compliance Assurance Section

All submittals hand carried shall be delivered to 1021 North Grand Avenue East.

Special Conditions

Reopening and Modifying this Permit

15. The IEPA may initiate a modification for this Permit at any time to include requirements and compliance dates which have been submitted in writing by the Permittee and approved by the IEPA, or other requirements and dates which are necessary to carry out the provisions of the Illinois Environmental Protection Act, the Clean Water Act, or regulations promulgated under those Acts. Public Notice of such modifications and opportunity for public hearing shall be provided.

SPECIAL CONDITION 15. The provisions of 40 CFR 122.41(m) and (n) are applicable to this Permit and are hereby incorporated by reference.

SPECIAL CONDITION 16. The receiving stream at a minimum shall be monitored for dissolved oxygen (DO) and temperature 3 days a week by grab sample May through September and one day a week during the months of April, October and through the 15th of November. Samples shall be taken in the center line of the receiving stream within a 2 ½ hour sampling period commencing at sunrise. All samples shall be taken at the following locations beginning with #1 location and proceeding sequentially:

1. Bridge in the southeast corner of Section 21 in Township 11 North and Range 1 West (Site 6.6 in the Clark Dietz Water Quality Study of September 1980).

2. Township 11 North, Range 1 West, Section 23 in Warren County (Site 6 in the Clark Dietz Water Quality Study of September 1980).

3. Approximately 10 yards downstream of the point of injection of the oxygen at County Line Road (Site 5 in the Clark Dietz Water Quality Study of September 1980).

4. Approximately 10 yards upstream of the point of injection of the oxygen at County Line Road (Site 5 in the Clark Dietz Water Quality Study of September 1980).

5. Approximately 50 yards downstream of the Galesburg S.D. treatment plant discharge (Site 4 in the Clark Dietz Water Quality Study of September 1980).

6. Approximately 100 yards upstream of the Galesburg S.D. treatment plant discharge (Site 3 in the Clark Dietz Water Quality Study of September 1980). Sampling shall be according to the schedule below but the 5.0 mg/L for the months of March through July and 3.5 mg/L for the months of August through February minimum DO requirement for this site shall be applicable only when the Permittee has had a point source discharge upstream of the site in the 24 hours preceding sample collection.

The District's actions shall not cause the dissolved oxygen in the stream to fall below the water quality standards found on page two (2) of this permit at any time or exceed 150% of saturation at any time. For the purposes of measuring compliance with the requirements of this Permit, DO saturation (in mg/L D.O.), C*, shall be defined by the following formula:

$$\ln(C^*) = -139.34411 + [157{,}570.1/(273.15 + T)] - [66{,}423{,}080/(273.15 + T)^2] + [12{,}438{,}000{,}000/(273.15 + T)^3] - [862{,}194{,}900{,}000/(273.15 + T)^4]$$

where T is the temperature in °Celsius. The following table may be used in lieu of the afore-mentioned formula to find the D.O. saturation (C* in mg/L) for temperatures between 0.0 °C and 30.9 °C.

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°C	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.0	14.621	14.580	14.538	14.498	14.457	14.416	14.376	14.336	14.296	14.256
1.0	14.216	14.177	14.138	14.099	14.060	14.021	13.983	13.944	13.906	13.868
2.0	13.830	13.793	13.755	13.718	13.681	13.644	13.607	13.570	13.534	13.497
3.0	13.461	13.425	13.389	13.354	13.318	13.283	13.248	13.213	13.178	13.143
4.0	13.108	13.074	13.040	13.006	12.972	12.938	12.904	12.871	12.837	12.804
5.0	12.771	12.738	12.705	12.673	12.640	12.608	12.576	12.544	12.512	12.480
6.0	12.448	12.417	12.385	12.354	12.323	12.292	12.261	12.231	12.200	12.170
7.0	12.139	12.109	12.079	12.049	12.019	11.990	11.960	11.931	11.901	11.872
8.0	11.843	11.814	11.786	11.757	11.728	11.700	11.672	11.644	11.616	11.588
9.0	11.560	11.532	11.504	11.477	11.450	11.422	11.395	11.368	11.341	11.315
10.0	11.288	11.261	11.235	11.209	11.182	11.156	11.130	11.104	11.078	11.053
11.0	11.027	11.002	10.976	10.951	10.926	10.901	10.876	10.851	10.826	10.802
12.0	10.777	10.752	10.728	10.704	10.680	10.656	10.632	10.608	10.584	10.560
13.0	10.537	10.513	10.490	10.466	10.443	10.420	10.397	10.374	10.351	10.328
14.0	10.306	10.283	10.261	10.238	10.216	10.194	10.172	10.150	10.128	10.106
15.0	10.084	10.062	10.040	10.019	9.997	9.976	9.955	9.934	9.912	9.891
16.0	9.870	9.849	9.829	9.808	9.787	9.767	9.746	9.726	9.705	9.685
17.0	9.665	9.645	9.625	9.605	9.585	9.565	9.545	9.526	9.506	9.486
18.0	9.467	9.448	9.428	9.409	9.390	9.371	9.352	9.333	9.314	9.295
19.0	9.276	9.258	9.239	9.220	9.202	9.184	9.165	9.147	9.129	9.111
20.0	9.092	9.074	9.056	9.039	9.021	9.003	8.985	8.968	8.950	8.932
21.0	8.915	8.898	8.880	8.863	8.846	8.829	8.812	8.794	8.777	8.761
22.0	8.744	8.727	8.710	8.693	8.677	8.660	8.644	8.627	8.611	8.595
23.0	8.578	8.562	8.546	8.530	8.514	8.498	8.482	8.466	8.450	8.434
24.0	8.418	8.403	8.387	8.371	8.356	8.340	8.325	8.309	8.294	8.279
25.0	8.263	8.248	8.233	8.218	8.203	8.188	8.173	8.158	8.143	8.128
26.0	8.114	8.099	8.084	8.070	8.055	8.040	8.026	8.012	7.997	7.983
27.0	7.968	7.954	7.940	7.926	7.912	7.898	7.884	7.870	7.856	7.842
28.0	7.828	7.814	7.800	7.786	7.773	7.759	7.745	7.732	7.718	7.705
29.0	7.691	7.678	7.664	7.651	7.638	7.625	7.611	7.598	7.585	7.572
30.0	7.559	7.546	7.533	7.520	7.507	7.494	7.481	7.468	7.456	7.443

Sampling, when required 3 times per week, shall be on Mondays, Wednesdays, and Fridays and when required once per week, shall be on Wednesdays unless such day falls on a holiday recognized by the District through the collective bargaining agreement with District staff. In the event that a required sample day falls on such a holiday, the sampling schedule may be altered so that the same number of samples are collected during the week and that the samples are collected as close to the originally scheduled date as is reasonable (preferably on either the day before or the day after the holiday). Sampling may be difficult under all environmental conditions. The Permittee shall make every effort to sample under the given conditions if possible. Should inclement weather cause no sampling to be undertaken on a day when sampling is required, a written signed statement shall be submitted with the month's reports indicating why samples could not be taken. When sampling is required on a specified day and inclement weather precludes the gathering of the appropriate samples, the Permittee shall make every effort to collect the appropriate number of samples within that week. Should center stream sampling be difficult, the District shall make its best effort to collect samples as far out in the stream as practicable using extensions if necessary.

SPECIAL CONDITION 17. The effluent limitations set forth shall apply only as long as the discharger achieves and maintains compliance with Illinois Pollution Control Board Order contained in R80-16 dated February 9, 1984 (Ill. Adm. Code 304.207). The terms and conditions of PCB R80-16 are hereby incorporated by reference as if fully set forth herein.

SPECIAL CONDITION 18. If the Permittee fails to meet and maintain compliance with any of the requirements set forth in Special Condition 17, the de-oxygenating wastes general effluent standards of 35 Ill. Adm. Code 304.120(c) shall apply. In such case, the following effluent limitations, monitoring, and reporting requirements for $CBOD_5$ and suspended solids shall apply in lieu of the requirements for said parameters on Page 2:

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PARAMETER	LOAD LIMITS lbs/day DAF (DMF)* MONTHLY AVG.	DAILY MAX.	CONCENTRATION LIMITS mg/L MONTHLY AVG.	DAILY MAX.	SAMPLE FREQUENCY	SAMPLE TYPE
$CBOD_5$**	917(2335)	1835(4670)	10	20	3 Days/Week	Composite
Suspended Solids	1101(2802)	2202(5604)	12	24	3 Days/Week	Composite

*Load limits based on design maximum flow shall apply only when flow exceeds design average flow.
**Carbonaceous BOD_5 ($CBOD_5$) testing shall be in accordance with 40 CFR 136.

SPECIAL CONDITION 19. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) Forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee may choose to submit electronic DMRs (eDMRs) instead of mailing paper DMRs to the IEPA. More information, including registration information for the eDMR program, can be obtained on the IEPA website, http://www.epa.state.il.us/water/edmr/index.html.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees not using eDMRs shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Attention: Compliance Assurance Section, Mail Code # 19

SPECIAL CONDITION 20. This Permit may be modified to include alternative or additional final effluent limitations pursuant to an approved Total Maximum Daily Load (TMDL) Study or upon completion of an alternate Water Quality Study.

SPECIAL CONDITION 21. The Permittee shall work towards the goals of achieving no discharges from sanitary sewer overflows or basement backups and ensuring that overflows or backups, when they do occur do not cause or contribute to violations of applicable standards or cause impairment in any adjacent receiving water. In order to accomplish these goals, the Permittee shall develop and submit to the IEPA a Capacity, Management, Operations, and Maintenance (CMOM) plan within twelve (12) months of the effective date of this Permit. The Permittee may be required to construct additional sewage transport and/or treatment facilities in future permits or other enforceable documents.

The CMOM plan shall include the following elements:

A. Measures and Activities:

1. A complete map of the collection system;
2. Schedules, checklists, and mechanisms to ensure that preventative maintenance is performed on equipment;
3. An assessment of the capacity of the collection and treatment system at critical junctions and immediately upstream of locations where overflows and backups occur or are likely to occur; and
4. Identification and prioritization of structural deficiencies in the system.

B. Design and Performance Provisions:

1. Monitor the effectiveness of CMOM;
2. Upgrade the elements of the CMOM plan as necessary; and,
3. Maintain a summary of CMOM activities.

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C. Overflow Response Plan:

1. Know where overflows and backups occur; and,
2. Respond to each overflow or backup to determine additional actions such as clean up.

D. System Evaluation Plan.

E. Reporting and Monitoring Requirements.

SPECIAL CONDITION 22. The Permittee may collect data in support of developing a site-specific metals translator for zinc. Total and dissolved metals for a minimum of twelve weekly samples need to be collected from the effluent and at a downstream location indicative of complete mixing between the effluent and the receiving water to determine a metal translator for these parameters. The IEPA will review submitted sample data and may reopen and modify this Permit to eliminate or include revised effluent limitations for these parameters based on the metal translator determined from the collected data.

The Permittee submit a study plan prior to collecting data but not later than three (3) months of the effective date of this permit. The Permittee shall submit data to IEPA within six (6) months of the date of approval of the study plan.

SPECIAL CONDITION 23. The Permittee shall monitor for Zinc (both total and dissolved) in the effluent and in the upstream receiving water at least once per month for six (6) months.

SPECIAL CONDITION 24. The Permittee shall monitor for Phenols in the effluent at least once per month for 16 months.