NPDES Permit No. IL0050628

Notice No. MRA:12072501.bah

Public Notice Beginning Date: **December 21, 2012**

Public Notice Ending Date: **January 22, 2013**

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
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Permittee:

Village of Hinckley
720 James Street
Hinckley, Illinois 60520

Name and Address of Facility:

Village of Hinckley STP
200 East Sandwich Road
Hinckley, Illinois
(Dekalb 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 Permittee. 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 indicate 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 Mark R. Ashrafi 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 wastewater for the Village of Hinckley.

The length of the Permit is approximately 5 years.

The main discharge number is 001. The seven day once in ten year low flow (7Q10) of the receiving stream, Little Rock Creek is 0.14 cfs.

The design average flow (DAF) and the design maximum flow (DMF) of the existing facility are 0.2 MGD and 0.5 MGD. Treatment consists of screening, primary clarification, rotating biological contactors (RBCs), solid contact tank, final clarification, aerobic digestion, sludge holding and drying beds.

The design average flow (DAF) and design maximum flow (DMF) of the expanded facility are proposed at 0.5 MGD and 1.25 MGD. Treatment consists of screening, activated sludge, final clarification, UV disinfection, aerobic digestion, sludge dewatering/holding and land application or landfill disposal.

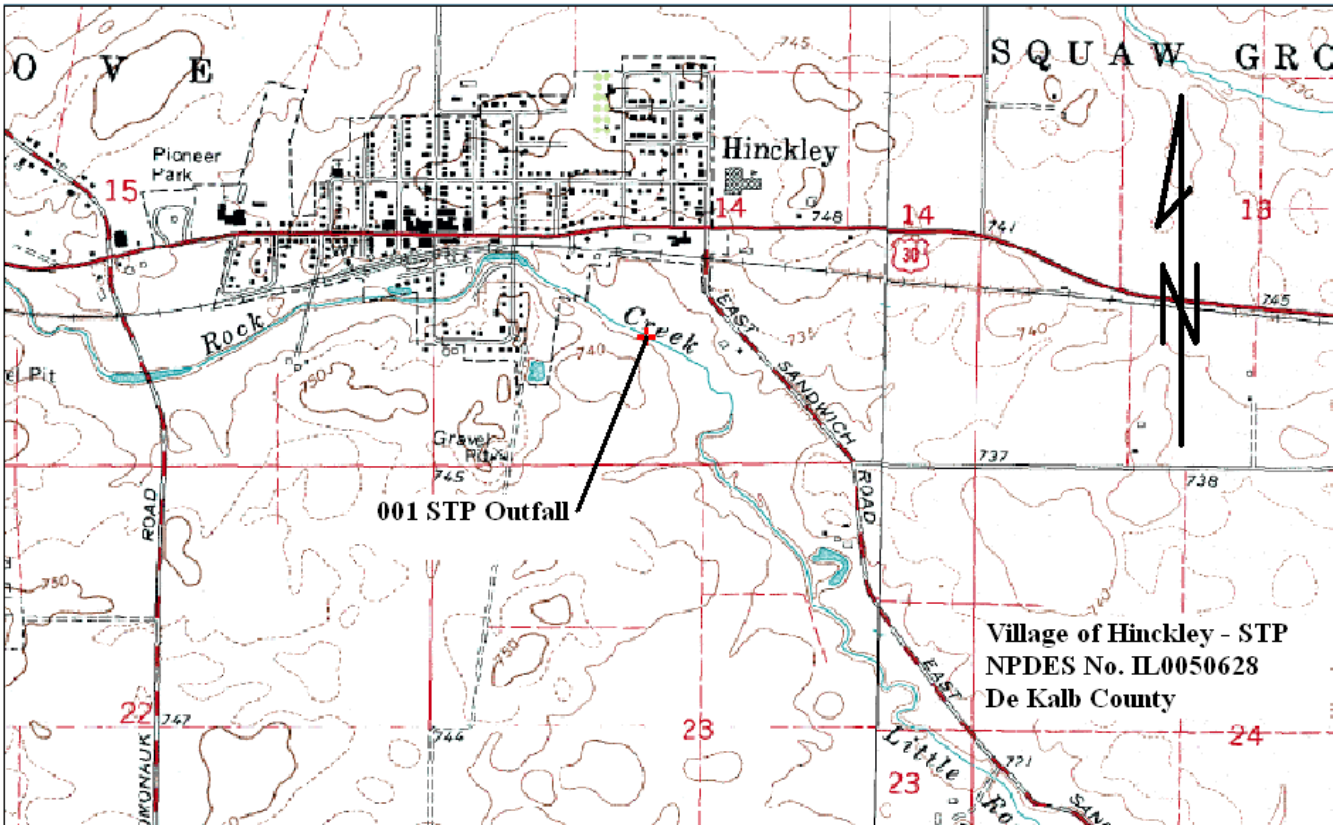
This Reissued Permit does increase the facility's DAF, DMF, concentration limits, and/or load limits.

Pursuant to the waiver provisions authorized by 40 CFR § 123.24, this draft permit is within the class, type, and size for which the Regional Administrator, Region V, has waived his right to review, object, or comment on this draft permit action.

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

Discharge Number	Receiving Stream	Latitude	Longitude	Stream Classification	Integrity Rating
001	Little Rock Creek	41° 46′ 04″ North	88° 37′ 53″ West	General Use	B

To assist you further in identifying the location of the discharge(s) please see the map below.



The stream segment(s), Little Rock Creek, Waterbody Segment DTCA-01, receiving the discharge from outfall(s) 001 is 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): 001 STP Outfall (Existing Plant)

Load limits computed based on a design average flow (DAF) of 0.2 MGD (design maximum flow (DMF) of 0.5 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
$CBOD_5$	17 (42)		33 (83)	10		20	35 IAC 304.120 40 CFR 133.102
Suspended Solids	20 (50)		40 (100)	12		24	35 IAC 304.120 40 CFR 133.102
pH	Shall be in the range of 6 to 9 Standard Units						35 IAC 304.125
Fecal Coliform	Monitor Only (May through October)						35 IAC 304.121
Ammonia Nitrogen: April-Oct.	1.8 (4.6)	6.3 (16)	7.3 (18)	1.1	3.8	4.4	35 IAC 355 and 35 IAC 302
Nov.-Feb.	2.7 (6.7)	--	6.5 (16)	1.6	--	3.9	
March	2.5 (6.3)	6.3 (16)	8.2 (20)	1.5	3.8	4.9	
				Monthly Avg. not less than	Weekly Avg. not less than	Daily Minimum	
Dissolved Oxygen March-July				N/A	6.25	5.0	35 IAC 302.206
August-February				6.0	4.5	4.0	

*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).

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): 001 STP Outfall (Expanded Plant)

Load limits computed based on a design average flow (DAF) of 0.5 MGD (design maximum flow (DMF) of 1.25 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
$CBOD_5$	42 (104)		83 (209)	10		20	35 IAC 304.120 40 CFR 133.102
Suspended Solids	50 (125)		100 (250)	12		24	35 IAC 304.120 40 CFR 133.102
pH	Shall be in the range of 6 to 9 Standard Units						35 IAC 304.125
Fecal Coliform	Daily Maximum shall not exceed 400 per 100 mL (May through October)						35 IAC 304.125
Ammonia Nitrogen: April-May/Sept.-Oct.	4.6 (11)	16 (40)	18 (46)	1.1	3.8	4.4	35 IAC 355 and 35 IAC 302
June-August	4.6 (11)	14 (35)	18 (46)	1.1	3.4	4.4	
Nov.-Feb.	6.7 (17)	--	16 (41)	1.6	--	3.9	
March	6.3 (16)	16 (40)	20 (51)	1.5	3.8	4.9	
Phosphorus (as P)	4.2 (10)			1.0			35 IAC 304.123
Total Nitrogen	Monitor only						35 IAC 309.146
				Monthly Avg. not less than	Weekly Avg. not less than	Daily Minimum	
Dissolved Oxygen March-July				N/A	6.25	5.0	35 IAC 302.206
August-February				6.0	4.5	4.0	

*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 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. 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.

7. The provisions of 40 CFR Section 122.41(m) & (n) are applicable and are hereby incorporated by reference.

8. Effluent sampling point location.

9. Controlling the sources of infiltration and inflow into the sewer system.

10. A requirement to monitor and a limit of 0.05 mg/L for residual chlorine when it is used.

11. Seasonal fecal coliform limits.

12. Submission of annual fiscal data.

13. Submission of semi annual reports indicating the quantities of sludge generated and disposed.

14. Notification of the Agency.

15. Total Nitrogen Monitoring.

16. Influent and effluent monitoring for total phosphorus.

Antidegradation Assessment
NPDES Permit No. IL0050628

The subject facility is proposing to replace their existing treatment plant, with a design average flow (DAF) of 0.2 MGD, with a 0.5 MGD extended aeration activated sludge process plant, with nutrient removal capabilities. The Village has continued to experience a moderate amount of growth that has contributed additional wastewater loading and has consumed all remaining available WWTF capacity. The Village is currently on the Critical Review List as noted in the January 2012 Issue of the Illinois Pollution Control Board Environmental Register. The projected residential population is predicted to be 3,070 people and the corresponding population equivalent (with industrial/ commercial flow components) at 5,000 P.E. in year 2030.

The new facility will be a diffused aeration tank with anaerobic selector which will have the ability of removing phosphorus and total nitrogen and will be operated to remove phosphorus and total nitrogen. Therefore, loading of phosphorus and total nitrogen to the receiving stream will be most likely reduced.

The information in this antidegradation assessment came from the March 2010 Facilities Plan by Engineering Enterprises, Inc and the dissolved oxygen model dated November 15, 2011.

Identification and Characterization of the Affected Water Body.

The subject facility discharges to Little Rock Creek at a point where 0.14 cfs of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. Little Rock Creek is classified as a General Use Water. Little Rock Creek is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*; however, it is rated a "B" stream using IDNR's integrity rating system at this location. Little Rock Creek, Waterbody Segment, DTCA-01, is not listed on the draft 2010 Illinois Integrated Water Quality Report and Section 303(d) List. Aquatic life use is fully supported. Little Rock Creek is subject to enhanced dissolved oxygen standards.

An ecological assessment has been conducted for Little Rock Creek. The report is dated February 2007 and was prepared by Hey and Associates, Inc. The findings in the report conclude that "… the Hinckley WWTF does not adversely impact fish in Little Rock Creek", "… the creek is fully supportive of aquatic life", and "… future increases in the output of treated effluent from the Hinckley WWTF should have no effects on the fish and mussel communities of Little Rock Creek."

Identification of Proposed Pollutant Load Increases or Potential Impacts on Uses.

The treated domestic waste that characterizes this proposed effluent would be similar to other treated effluents of largely domestic origin. Ammonia limits in the permit will be set at water quality standards; however, ammonia loading to the receiving stream will increase over existing background levels as the expanded effluent discharge will be allowed an average of 5.4 lbs/day (as a weighted average), up from the currently allowed level of 2.2 lbs/day (as a weighted average). Biochemical oxygen demand (BOD) permit limits will be set at the most stringent effluent standards applicable in 35 IAC 304.120. The stream will nonetheless experience an increase in loading in BOD as the expanded effluent discharge will be allowed an average of 42 lbs/day, up from the currently allowed level of 17 lbs/day. A dissolved oxygen model for the existing and expanded facility , submitted on November 15, 2011, was used to determine the impact of the expansion on the receiving stream. The model indicated that a worst case dissolved oxygen effluent concentration of the existing facility results in a dissolved oxygen concentration of 5.29 mg/L approximately 1600 feet downstream of the outfall and the expanded facility results in a dissolved oxygen concentration of 5.38 mg/L from approximately 2200 to 2500 feet downstream of the outfall**.**

Nutrient loading will decrease as a result of the expanded facility removing nutrients.

Fate and Effect of Parameters Proposed for Increased Loading.

The BOD and ammonia discharged by this facility will decay into simpler and harmless byproducts by naturally occurring organisms in the receiving stream. Some of the nitrogen originating in the ammonia will remain in the stream in the form of nitrates or organic nitrogen. Ammonia and dissolved oxygen standards will be met in the effluent prior to discharge to the receiving stream.

Purpose and Social & Economic Benefits of the Proposed Activity.

The proposed project will meet the current wastewater treatment needs of the Village and provide additional capacity for future developments within the Village.

Assessments of Alternatives for Less Increase in Loading or Minimal Environmental Degradation.

The facility evaluated regionalization; however, this alternative was eliminated based on boundary and cost considerations.

The facility evaluated land application; however, this alternative was eliminated based on cost considerations.

The facility evaluated discharging to a created polishing wetland; however, this alternative was eliminated based on cost considerations. While this feature is currently too expensive, the plant design is reserving space between the WWTF and the receiving stream such that polishing wetlands could be incorporated in the future.

The facility evaluated Aquifer Storage and Recover; however, this alternative was rejected because it is not currently used in Illinois and may not be accepted by the public.

The facility evaluated irrigation of a golf course; however, it was determined to not be cost effective since the golf course is more than 5.8 miles away.

Summary Comments of the Illinois Department of Natural Resources, Regional Planning Commissions, Zoning Boards or Other Entities.

IDNR indicated that there were endangered/threatened species or Natural Areas present in the vicinity of the discharge. Protected resources include Slippershell mussels (Alosmidonta viridis) and further downstream Greater Redhorse (Moxostoma valenciennesi). IDNR recommended minimizing the effects of hormones, which would be accomplished by the applicant installing a polishing wetland before discharge of the effluent into the receiving stream.

In a letter dated December 1, 2011, the Village of Hinckley informed IDNR that the Village residents could not afford to incorporate a polishing wetland to the proposed expanded facility at the present time. However, space has been reserved between the WWTF and the receiving stream such that polishing wetlands could be incorporated in the future.

Agency Conclusion.

This preliminary assessment was conducted pursuant to the Illinois Pollution Control Board regulation for Antidegradation found at 35 Ill. Adm. Code 302.105 (antidegradation standard) and was based on the information available to the Agency at the time the draft permit was written. We tentatively find that the proposed activity will result in the attainment of water quality standards; that all existing uses of the receiving stream will be maintained; that all technically and economically reasonable measures to avoid or minimize the extent of the proposed increase in pollutant loading have been incorporated into the proposed activity; and that this activity will benefit the community at large by meeting the current wastewater treatment needs of the Village and providing additional capacity for future developments within the Village. Comments received during the NPDES permit public notice period will be evaluated before a final decision is made by the Agency.

NPDES Permit No. IL0050628

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office 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:

Village of Hinckley
720 James Street
Hinckley, Illinois 60520

Facility Name and Address:

Village of Hinckley STP
200 East Sandwich Road
Hinckley, Illinois
(Dekalb County)

Receiving Waters: Little Rock Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of the 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 stream 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:MRA:12072501.bah

NPDES Permit No. IL0050628

Effluent Limitations, Monitoring, and Reporting

FINAL

Discharge Number(s) and Name(s): 001 STP Outfall (Existing Plant)

Load limits computed based on a design average flow (DAF) of 0.2 MGD (design maximum flow (DMF) of 0.5 MGD).

Excess flow facilities (if applicable) shall not be utilized until the main treatment facility is receiving its maximum practical flow.

From the effective date of this Permit until the start of operation of the expanded plant or expiration date whichever comes first, 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	
$CBOD_5$**	17 (42)		33 (83)	10		20	1 Day/Week	Composite
Suspended Solids	20 (50)		40 (100)	12		24	1 Day/Week	Composite
pH	Shall be in the range of 6 to 9 Standard Units						1 Day/Week	Grab
Fecal Coliform	Monitor Only (May through October)						1 Day/Month	Grab
Ammonia Nitrogen: As (N) April-Oct.	1.8 (4.6)	6.3 (16)	7.3 (18)	1.1	3.8	4.4	1 Day/Week	Composite
Nov.-Feb.	2.7 (6.7)	--	6.5 (16)	1.6	--	3.9	1 Day/Week	Composite
March	2.5 (6.3)	6.3 (16)	8.2 (20)	1.5	3.8	4.9	1 Day/Week	Composite
				Monthly Average not less than	Weekly Average not less than	Daily Minimum		
Dissolved Oxygen March-July				N/A	6.25	5.0	1 Day/Week	Grab
August-February				6.0	4.5	4.0	1 Day/Week	Grab

*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.

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

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

Dissolved oxygen shall be reported on the DMR as a minimum value.

Fecal Coliform shall be reported on the DMR as a daily maximum.

NPDES Permit No. IL0050628

Effluent Limitations, Monitoring, and Reporting

FINAL

Discharge Number(s) and Name(s): 001 STP Outfall (Expanded Plant)

Load limits computed based on a design average flow (DAF) of 0.5 MGD (design maximum flow (DMF) of 1.25 MGD).

Excess flow facilities (if applicable) shall not be utilized until the main treatment facility is receiving its maximum practical flow.

From the start of operation of the expanded plant until 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 Average	Weekly Average	Daily Maximum	Monthly Average	Weekly Average	Daily Maximum	Sample Frequency	Sample Type
Flow (MGD)							Continuous	
$CBOD_5$**	42 (104)		83 (209)	10		20	2 Days/Week	Composite
Suspended Solids	50 (125)		100 (250)	12		24	2 Days/Week	Composite
pH	Shall be in the range of 6 to 9 Standard Units						2 Days/Week	Grab
Fecal Coliform***	Daily Maximum shall not exceed 400 per 100 mL (May through October)						2 Days/Week	Grab
Ammonia Nitrogen: As (N) April-May/Sept.-Oct.	4.6 (11)	16 (40)	18 (46)	1.1	3.8	4.4	2 Days/Week	Composite
June-August	4.6 (11)	14 (35)	18 (46)	1.1	3.4	4.4	2 Days/Week	Composite
Nov.-Feb.	6.7 (17)	--	16 (41)	1.6	--	3.9	2 Days/Week	Composite
March	6.3 (16)	16 (40)	20 (51)	1.5	3.8	4.9	2 Days/Week	Composite
Phosphorus (as P)*****	4.2 (10)			1.0			1 Day/Month	Composite
Total Nitrogen****	Monitor only						1 Day/Month	Composite
				Monthly Average not less than	Weekly Average not less than	Daily Minimum		
Dissolved Oxygen March-July				N/A	6.25	5.0	2 Days/Week	Grab
August-February				6.0	4.5	4.0	2 Days/Week	Grab

*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.
***See Special Condition 11.
****See Special Condition 15.
*****See Special Condition 16.

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

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

Fecal Coliform shall be reported on the DMR as a daily maximum value.

Dissolved oxygen shall be reported on the DMR as a minimum value.

Phosphorus and total nitrogen shall be reported on the DMR as a monthly average value.

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Influent Monitoring, and Reporting

The influent to the plant shall be monitored as follows:

Parameter	Sample Frequency*	Sample Type
Flow (MGD)	Continuous	
BOD_5	1 Day/Week	Composite
Suspended Solids	1 Day/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 monthly average concentration.

*The sample frequency for the expanded plant shall be 2 days/week.

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 judicial orders. The IEPA will public notice the permit modification.

SPECIAL CONDITION 2. The use or operation of the existing facility shall be by or under the supervision of a Certified Class 3 operator. The expanded plant shall be operated by a Certified Class 2 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 standard outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 6. 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
Attention: Compliance Assurance Section, Mail Code # 19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

SPECIAL CONDITION 7. The provisions of 40 CFR Section 122.41(m) & (n) are applicable and are hereby incorporated by reference.

SPECIAL CONDITION 8. 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 9. This Permit may be modified to include requirements for the Permittee on a continuing basis to evaluate and detail its efforts to effectively control sources of infiltration and inflow into the sewer system and to submit reports to the IEPA if necessary.

SPECIAL CONDITION 10. For Discharge No. 001, 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 11. Fecal Coliform limits for Discharge Number 001 (Expanded Plant) are effective May thru October. Sampling of Fecal Coliform is only required during this time period.

SPECIAL CONDITION 12. 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 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. The Permittee shall notify the IEPA in writing once the treatment plant expansion has been completed. A letter stating the date that the expansion was completed shall be sent to the following address within fourteen (14) days of the expansion becoming operational:

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 15. The Permittee shall operate the expanded facilities designed for biological nutrient removal (BNR). Monitoring for Total Nitrogen is required to document the actual total nitrogen effluent concentration. The Permittee shall monitor the effluent for total nitrogen once per month. The monitoring shall be a composite sample and the results reported as a daily maximum on the Permittee’s Discharge Monitoring Report Forms.

The Permittee shall notify the IEPA in writing of any operational deficiencies and corrective measures to be taken if the treatment plant effluent exceeds a monthly average concentration goal of 10 mg/L of Total Nitrogen. Correspondence shall be directed to:

Illinois Environmental Protection Agency
Bureau of Water
Compliance Assurance Section, Mail Code #19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9275

Illinois Environmental Protection Agency
Bureau of Water
Des Plaines Field Office
9511 West Harrison Street
Des Plaines, Illinois 60016

SPECIAL CONDITION 16. The Permittee shall operate expanded facilities designed for phosphorus removal. For a period of two years following completion of construction, the Permittee shall operate the phosphorus removal system without a phosphorus discharge limit. The Permittee shall analyze composite samples of influent and effluent for total phosphorus one day per month. Two years following completion of construction, a phosphorus limit not greater than 1.0 mg/L total phosphorus will go into effect. The sampling requirements shall be as stated above.