NPDES Permit No. IL0080259

Notice No. CWB:23072701.cwb

Public Notice Beginning Date: September 28, 2023

Public Notice Ending Date: October 30, 2023

National Pollutant Discharge Elimination System (NPDES)
Permit Program

PUBLIC NOTICE/FACT SHEET
of
Draft New 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 Ursa
107 S Warsaw St
Ursa, Illinois 62376

Name and Address of Facility:

Village of Ursa WWTF
NE Corner of Maple Ave. and E 603rd Lane
Ursa, Illinois 62376
(Adams 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 Corey Branson 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 Ursa.

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, Ursa Creek is 0.09 cfs.

The design average flow (DAF) for the facility is 0.0742 million gallons per day (MGD) and the design maximum flow (DMF) for the facility is 0.142 MGD. Treatment consists of two celled aerated lagoon with a tertiary rock filter.

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.

**Subject: Ursa STW -- Antidegradation Assessment**
**NPDES Permit No. IL0080259 (Adams County)**
**Bureau ID#W0010700002 16A**

The Village of Ursa currently relies on atypically non-discharging lagoon from which effluent is pumped to a central pivot irrigator for land application. Due to limitations on the volume of wastewater that can be disposed on the current site, the Village is looking to upgrade their lagoon to an aerated lagoon with a tertiary rock filter.

The Village is located at the intersection of Illinois State Routes 96 and 61 in northwest Adams County, Illinois, and has a land area of approximately 0.7 square miles and population of 626 as of 2010 census. The Village's sewer system was constructed in 1987.

Nitrification is the process of removing ammonia from the waste stream. It is an aerobic process since the bacteria that convert the ammonia to nitrate require oxygen. Other factors required for nitrification are long retention time, low BOD and adequate alkalinity to prevent lowering of the pH below 6.7. Nitrification requires 4.6 lb. of oxygen per lb. of ammonia-N removed. 7.56lb. of alkalinity is required per lb. of ammonia-N removed. Also, the optimal temperature for nitrification is 82 to 97 degrees F. Below 50 degrees F there is a significant reduction in nitrification until it ceases altogether. In the rock filters, a biofilm develops on the 3 in. average size rocks, in which the nitrifying bacteria reside.

The information in this antidegradation assessment came from the July 2020 report by Kingler and Associates, Inc. titled "Wastewater Treatment Project Planning Report", the August 30, 2021 "Wastewater Treatment Project Planning Report Addendum 1", and the May 10,2022 memorandum titled "Ursa Lagoon Antidegradation".

**Identification and Characterization of the Affected Water Body.**

The subject facility proposes to discharge to the Ursa Creek at a point where 0.09 cfs of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The facility has a DAF of 0.0742 MGD. Ursa Creek is classified as a General Use Water. Ursa 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*, nor is it given an integrity rating in that document. Ursa Creek is not listed on the 2020/2022 Illinois Integrated Water Quality Report and Section 303(d) List since it has not been assessed. This segment of Ursa Creek is not subject to enhanced dissolved oxygen standards.

Ursa Creek flows into the Rock and Ursa Creek Diversion Canal (IL_KG). The Rock and Ursa Creek Diversion Canal, Segment IL_KG is not listed on the 2020/2022 Illinois Integrated Water Quality Report and Section 303(d) List since it has not been assessed. This segment of the Rock and Ursa Creek Diversion Canal is not subject to enhanced dissolved oxygen standards.

Ursa Creek will serve as the receiving stream for the proposed lagoon system effluent. Ursa Creek is situated directly South (across N. 2150th Ave) of the existing lagoon/proposed lagoon extension site. The proposed discharge will occur at the southwest corner of the N. 2150th Ave & E 603rd Ln intersection, directly West of the bridge structure on E. 603rd Ln. The stream flows into Rock Creek approximately 2.5 miles South of this proposed discharge location.

Physical Characteristics

Ursa Creek is a low flowing stream with very shallow depths near discharge point (<3' deep). Provided in the May 10, 2022 memorandum titled "Ursa Lagoon Antidegradation" are cross-sections of the creek beginning at the bridge structure on 603rd Ln moving downstream for approximately 450'. Additionally, pictures of the stream from a February 2022 site visit are provided in that document as well.

Chemical Characteristics

A chemical analysis of Ursa Creek near the proposed discharge location was conducted in February 2022. The results of this analysis are provided in the May 10,2022 memorandum titled "Ursa Lagoon Antidegradation".

Biological Characteristics

A biological analysis of this stream was not conducted as part of this analysis. Based on the time of year this report was assembled, a biological analysis could not be completed. However, during the permitting process for this work, consultation with the Illinois Department of Natural Resources occurred. The assigned EcoCat reference with their office is included in the Project Plan Addendum. Additionally, streams in the adjacent area have been analyzed and are on file with the state. This stream is expected to have similar biological characteristics.

**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 purely 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. 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 due to the new effluent discharge.

The proposed wastewater treatment facility would consist of the upgrading of the existing lagoon to an aerated lagoon with the addition of a tertiary rock filter ammonia removal. The effluent from the treatment facility would discharge to Ursa Creek.

**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. The nutrients discharged will be absorbed by aquatic organisms or riparian terrestrial plants or will remain in the stream. 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 farmland where the lagoon effluent is applied is not owned by the Village. There is an Agreement for Easements that allows for the disposal of the lagoon wastewater. The lease, signed in 1984, is set to expire in 2027. Problems have arisen over the years with the coordination of the disposal of the lagoon effluent and the farm operations.

The Village has entered into discussions with the landowner on the terms for a new agreement for the irrigation. The major sticking points in coming to an agreement are the application dates and who gets to decide when to turn on the irrigator. The farm operator wants to limit the time of irrigation to the crop growing period of May through September. This is too restrictive for the needs of the Village. To dispose of effluent from the lagoon. Upgrading the current lagoon to an aerated lagoon with a tertiary rock filter will allow the Village to discharge to Ursa Creek.

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

An evaluation was made to continue irrigating at the current site with the limitation of irrigation on the basis of crop needs during the crop growing season of June through September. A water balance was performed on the lagoon to determine the water levels throughout the year, including periods of storage during fall and winter months and irrigation and evaporation from the lagoon. Increase in the lagoon water level above a maximum 7 ft. storage level indicated failure of the system.

The existing irrigated area of 105.6 acres was evaluated for both during a normal precipitation year and wet years. Climatological data obtained from the Illinois State Water Survey and State Climatologist Office for Illinois were used to gather precipitation and evaporation data. Pan evaporation data was used to estimate the evaporation-transpiration water needs for the crops. Lagoon evaporation was estimated using a study of “Lake Evaporation in Illinois” Report No. 57 by the Illinois State Water Survey, 1967.

The current irrigation site is satisfactory for normal years of precipitation. This is true even with the restriction of only irrigating from June 1 through September 30. However, during a wet year an excess volume of 15.0 MG would need to be disposed of by alternate means. This is the volume of wastewater above the minimum 2 ft. level that the lagoon needs to be at prior to winter storage. The table also estimates a projected 8.1 ft. maximum water level in the lagoon, which exceeds the maximum recommended level of 7 feet.

If the irrigation site were to be expanded to 120-acre site with the installation of a new irrigator, an excess volume of 12.4 MG would need to be disposed of by alternate means during a wet year. Again, the maximum water level in the lagoon is projected to be 8.1 ft. One hundred twenty acres is the maximum irrigation area possible on the existing site with 25 ft. buffer zones on the sides. Consequently, the existing site with the current restricted irrigation period does not meet the wastewater disposal needs of the Village. If the time period for the irrigation were to be extended as discussed above, then the continue use of the existing site would be feasible. If 12.4 MG of excess flow were to be disposed of on a 120-acre site, the number of inches to be applied would be 4 in. over and above the crop needs. This additional amount of irrigation seems feasible with the extended time period for irrigation. However due to the reluctance of the existing landowner to accept these terms, this alternative has been dropped from further consideration in this report.

Total nitrogen and phosphorous treatment options will not be utilized in the design for the lagoon additions. Currently, the preliminary plan is to utilize two aerated cells followed by an aerated rock filter (to accomplish ammonia removal limits set by the State). The projected cost for this type of treatment would come in around $500,000 plus.

The facility evaluated the removal of total nitrogen and total phosphorus, using the MBBR process. The additional cost of the MBBR was $500,000. In accordance with the *Interim Economic Guidance for Water Quality Standards – Workbook* (EPA-823-B-95-002), published by USEPA, dated March 1995, the above costs represent a substantial impact and an undue financial burden on the Village residents.

Based on the summary and recommendations in the original Wastewater Treatment Project Planning Report, The Village of Ursa selected the alternative to upgrade their existing facilities and discharge into Ursa Creek in-lieu of other alternatives.

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

**Entities.**

On November 24, 2020, the IDNR EcoCAT web-based tool was used and indicated that there were endangered/threatened species present in the vicinity of the discharge. IDNR evaluated the submittal and determined that impacts to the protected resources are unlikely. IDNR terminated the consultation request on November 25, 2020.

On May 2021 the IDNR State Historic Preservation Office summarized their findings at the site. Archaeological investigations conducted in 1983 and as part of the current investigation identified archeological site 11A1327 is likely significant as it relates to Criteria D for significance and eligible for inclusions on the National Register of Historic Places. In order to avoid impacting this potentially significant archeological resource project planners have shifted the proposed lagoon expansion to the eastern half of the acreage to an area devoid of archeological, historical, or cultural sites, deposits, or artifacts and that, based on physiographic and geological conditions, is un-conductive for the establishment of a prolonged habitation or occupation. The current Ursa lagoon expansion plan places construction activities and permanent improvements east of the boundary of site 11A1327. Thus, activities related to the extension of the Ursa lagoon, as planned, will have no adverse impact an site 11A1327.

In summary, field investigations and a review of the pertinent archival and background information conducted by Prairie Archaeology & Research for the proposed project in Ursa, Adams County, Illinois, did identify a potentially significant cultural, historical, or archaeological site, artifacts, or objects associated with archaeological site 11A1327. As such, no adverse impacts to resources will result. Construction activities associated with the permitted action, as planned, will not impact significant cultural resources. No additional archeological, historical, or cultural resources investigations are proposed or recommended for this project. Project clearance is recommended.

**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 allowing the Village to discharge to Ursa Creek when spray irrigation is not available. Comments received during the NPDES permit public notice period will be evaluated before a final decision is made by the Agency.

Application is made for the existing discharge(s) which is located in Adams 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 | Ursa Creek | 40° 04′ 28.8″ North | 91° 23′ 45.6″ West | General Use | Not Rated |

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


Ursa Ball Diamond
N Warsaw St
Loren's Garage
61
Lewis Hybrids
N 2150th Ave
W Maple Ave
W Maple Ave
W Maple Ave
W Maple Ave
W Maple Ave
Ursa Farmers Co-Op
Ursa
S Warsaw St
Ursa Creek
Ursa Township Office
Shaffer Enterprises
Ursa STW
IL0080259
Outfall 001
E 603rd Ln
Ursa Creek
Ursa Creek
Ursa Creek
S Warsaw St

The stream segment(s), Ursa Creek, Waterbody Segment IL_KG, receiving the discharge from outfall(s) 001 is not listed on the 2020/2022 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

Load limits computed based on a design average flow (DAF) of 0.0742 MGD (design maximum flow (DMF) of 0.1420 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 |
| $CBOD_5$** | 15 (30) | | 25 (47) | 25 | | 40 | 35 IAC 304.120<br>40 CFR 133.102 |
| Suspended Solids** | 23 (44) | | 28 (53) | 37 | | 45 | 35 IAC 304.120<br>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 | | | | | | 35 IAC 304.125 |
| Chlorine Residual | | | | | | 0.05 | 35 IAC 302.208 |
| Ammonia Nitrogen: (as N) March-May/Sept.-Oct. | 1.3 (2.5) | 3.2 (6.0) | 6.1 (12) | 2.1 | 5.1 | 9.9 | 35 IAC 355 and 35 IAC 302 |
| June-August | 0.56 (1.1) | 1.4 (2.7) | 3.5 (6.6) | 0.9 | 2.3 | 5.6 | |
| Nov.-Feb. | 2.5 (4.7) | -- | 5.0 (9.6) | 4.0 | -- | 8.1 | |

| | | | | Monthly Avg. not less than | Weekly Avg. not less than | Daily Minimum | |
|---|---|---|---|---|---|---|---|
| Dissolved Oxygen March-July | | | | -- | 6.0 | 5.0 | 35 IAC 302.206 |
| August-February | | | | 5.5 | -- | 3.5 | |

*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).
**$BOD_5$ and Suspended Solids (85% removal required): In accordance with 40 CFR 133, the 30-day average percent removal shall not be less than 85 percent.

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

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. Submission of annual fiscal data.

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

11. Reopening of this Permit to include revised effluent limitations based on a Total Maximum Daily Load (TMDL) or other water quality study.

12. Notify Agency of Plant Completion

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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

New (NPDES) Permit

Expiration Date:

Issue Date:
Effective Date:

Name and Address of Permittee:

Village of Ursa
107 S Warsaw St
Ursa, Illinois 62376

Facility Name and Address:

Village of Ursa WWTF
NE Corner of Maple Ave. and E 603rd Lane
Ursa, Illinois 62376
(Adams County)

Receiving Waters: Ursa 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 Effluent Limitations, Monitoring, and Reporting requirements; Special Conditions and Attachment H Standard Conditions attached 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.

Brant. D. Fleming, P.E.
Manager, Municipal Unit, Permit Section
Division of Water Pollution Control

BDF:CWB:23072701.cwb

NPDES Permit No. IL0080259

Effluent Limitations, Monitoring, and Reporting

FINAL

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

Load limits computed based on a design average flow (DAF) of 0.0742 MGD (design maximum flow (DMF) of 0.1420 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 new 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 | |
| $CBOD_5$**,*** | 15 (30) | | 25 (47) | 25 | | 40 | 1 Day/Month | Composite |
| Suspended Solids*** | 23 (44) | | 28 (53) | 37 | | 45 | 1 Day/Month | Composite |
| pH | Shall be in the range of 6 to 9 Standard Units | | | | | | 1 Day/Month | Grab |
| Fecal Coliform | Daily Maximum shall not exceed 400 per 100 mL | | | | | | 1 Day/Month | Grab |
| Chlorine Residual | | | | | | 0.05 | 1 Day/Month | Grab |
| Ammonia Nitrogen: (as N) | | | | | | | | |
| March-May/Sept.-Oct. | 1.3 (2.5) | 3.2 (6.0) | 6.1 (12) | 2.1 | 5.1 | 9.9 | 1 Day/Month | Composite |
| June-August | 0.56 (1.1) | 1.4 (2.7) | 3.5 (6.6) | 0.9 | 2.3 | 5.6 | 1 Day/Month | Composite |
| Nov.-Feb. | 2.5 (4.7) | -- | 5.0 (9.6) | 4.0 | -- | 8.1 | 1 Day/Month | Composite |

| | Monthly Avg. not less than | Weekly Avg. not less than | Daily Minimum | |
|---|---|---|---|---|
| Dissolved Oxygen | | | | |
| March-July | -- | 6.0 | 5.0 | 35 IAC 302.206 |
| August-February | 5.5 | 4.0 | 3.5 | |

*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.
***$BOD_5$ and Suspended Solids (85% removal required): In accordance with 40 CFR 133, the 30-day average percent removal shall not be less than 85 percent. The percent removal need not be reported to the IEPA on DMRs but influent and effluent data must be available, as required elsewhere in this Permit, for IEPA inspection and review. For measuring compliance with this requirement, 5 mg/L shall be added to the effluent $CBOD_5$ concentration to determine the effluent $BOD_5$ concentration. Percent removal is a percentage expression of the removal efficiency across a treatment plant for a given pollutant parameter, as determined from the 30-day average values of the raw wastewater influent concentrations to the facility and the 30-day average values of the effluent pollutant concentrations for a given time period.
Flow shall be reported on the Discharge Monitoring Report (DMR) as monthly average and daily maximum.
Chlorine residual shall be reported on the DMR as a daily maximum value.
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.

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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 | |
| $BOD_5$ | 2 Days/Week | Composite |
| Suspended Solids | 2 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 monthly average concentration.

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 this facility shall be by or under the supervision of a Certified Class 4 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.

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 and 303.

SPECIAL CONDITION 6. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) electronic 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 is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, https:www2.illinois.gov/epa/topics/water-quality/surface-water/netdmr/pages/quick-answer-guide.aspx.

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 that have been granted a waiver 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. 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 10. 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 U.S. EPA and 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.

Special Conditions

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 25 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 this permit or the Sludge Permit, the results of this monitoring shall be included in the reporting of data submitted to the IEPA.

The Permittee shall comply with existing federal regulations governing sewage sludge use or disposal and shall comply with all existing applicable regulations in any jurisdiction in which the sewage sludge is actually used or disposed.

The Permittee shall comply with standards for sewage sludge use or disposal established under section 405(d) of the CWA within the time provided in the regulations that establish the standards for sewage sludge use or disposal even if the permit has not been modified to incorporate the requirement.

The Permittee shall ensure that the applicable requirements in 40 CFR Part 503 are met when the sewage sludge is applied to the land, placed on a surface disposal site, or fired in a sewage sludge incinerator.

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 11. 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 12. The Permittee shall notify the IEPA in writing once the treatment plant construction has been completed. A letter stating the date that the construction was completed shall be sent to the following address within fourteen (14) days of the new plant 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