

Permit Fact Sheet

General Information

| | |
|---------------------------------------|---|
| Permit Number | WI-0036846-06-0 |
| Permittee Name and Address | Green Lake Sanitary District N5295 Cty Rd TT, Princeton, WI 54968 |
| Permitted Facility Name and Address | Green Lake Sanitary District N5295 County Hwy. TT, Princeton, Wisconsin |
| Permit Term | April 01, 2026 to March 31, 2031 |
| Discharge Location | Bank of Fox River Via a 4-mile force main that travels west and slightly north of the WWTF |
| Receiving Water | Fox River and the groundwater of the Big Green Lake Watershed of Upper Fox River Basin in Green Lake County |
| Stream Flow (Q _{7,10}) | 90 cfs |
| Stream Classification | Warm Water Sportfish Community (WWSF), non-public water supply |
| Discharge Type | Existing, Intermittent |
| Annual Average Design Flow (MGD) | 0.30 MGD |
| Industrial or Commercial Contributors | N/A |
| Plant Classification | A4 - Ponds, Lagoons and Natural Systems; SS - Sanitary Sewage Collection System |
| Approved Pretreatment Program? | N/A |

Facility Description

This facility operates both an aerated lagoon system and a new spray irrigation system. Wastewater can be discharged to the surface water discharge to the Fox River or to groundwater via the spray irrigation system. Green Lake SD will maintain their surface water outfall, though it is anticipated that Outfall 001 will only be utilized in emergency situations. The sanitary district has multiple lift stations to pump wastewater to the facility due to the hilly terrain. Residential holding tank waste and septage are brought in as hauled waste. Septage is stored in a tank and given time to thicken and decant. Sodium hydroxide is used to raise the pH of the septage solids prior to land application. Lagoon sludge is also occasionally land applied. The facility has the capacity to chlorinate/dechlorinate effluent but has historically not had to due to low fecal coliform numbers.

The spray irrigation system consists of an irrigation pumping station and four center pivot systems that are designed to spray the targeted volume of effluent onto the approximately 80-acre coverage area. The irrigation pumping station will consist of a wet well, a valve vault, and an electrical and controls building. The submersible pumps will be housed in the wet well and run off variable frequency drives that will pump effluent from the holding pond to each of the four center pivot locations.

Substantial Compliance Determination

After a desk top review of all discharge monitoring reports, CMARs, land app reports, compliance schedule items, and a site visit on May 31, 2022, this facility has been found to be in substantial compliance with their current permit.

Compliance determination made by Mark Stanek on June 2, 2022.

Sample Point Descriptions

| Sample Point Designation | | |
|--------------------------|---|--|
| Sample Point Number | Discharge Flow, Units, and Averaging Period | Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable) |
| 701 | 0.07 MGD (2025) | INFLUENT: Representative samples shall be collected from the influent channel in the sampling room adjacent to screening headworks. Flow is monitored with an area of velocity flow meter located in screening headworks. |
| 001 | 0.55 MGD (2025) | EFFLUENT: Representative 24-hour composite samples shall be collected from the contact tank in the chemical feed room. Grab samples are collected from the spigot off either effluent pump in the treatment plant basement. Given the intermittent pattern of discharges from the facility, measurement of effluent flow and sampling of the storage pond contents are only required during periods when effluent is discharged to the Fox River. Flow is monitored with a mag meter in the basement of the treatment plant. |
| 003 | N/A – New outfall | LAND TREATMENT: Representative 24-hour composite samples shall be collected from the contact tank in the chemical feed room. Grab samples are collected from the spigot off either effluent pump in the treatment plant basement. Spray fields located in the E 1/2 of the NW 1/4 of Section 32, T16N, R12E, and W 1/2 of the NW 1/4 of Section 33, T16N, R12E, Town of Princeton. |
| 002 | No land application in previous permit term | LAGOON SLUDGE: Liquid sludge that accumulates in the lagoons. Representative samples shall be collected from various locations and depths and composited for analysis. |
| 990 | 2 metric tons (2020) | SEPTAGE: Settable solids and floating scum that accumulate in the septic tank that is used for pretreatment of septage that is hauled to the facility. See below for applicable requirements. |

Sample Point Designation For Groundwater Monitoring Systems

| System | Sample Pt Number | Well Name | Comments |
|------------------|------------------|-----------|----------|
| Spray Irrigation | 801 | MW801 | |
| | 802 | MW802 | |
| | 803 | MW803 | |

Sample Point Designation For Groundwater Monitoring Systems

| System | Sample Pt Number | Well Name | Comments |
|--------|------------------|-----------|----------|
| | 804 | MW804 | |

Permit Requirements

1 Influent – Monitoring Requirements

1.1 Sample Point Number: 701- INFLUENT

| Monitoring Requirements and Limitations | | | | | |
|---|------------|-----------------|------------------|----------------------|-------|
| Parameter | Limit Type | Limit and Units | Sample Frequency | Sample Type | Notes |
| Flow Rate | | MGD | Daily | Continuous | |
| BOD5, Total | | mg/L | Weekly | 24-Hr Flow Prop Comp | |
| Suspended Solids, Total | | mg/L | Weekly | 24-Hr Flow Prop Comp | |

1.1.1 Changes from Previous Permit:

Influent limitations and monitoring requirements were evaluated for this permit term and no changes were required in this permit section.

1.1.2 Explanation of Limits and Monitoring Requirements

Monitoring of influent flow, BOD5 and total suspended solids is required by s. NR 210.04(2), Wis. Adm. Code, to assess wastewater strengths and volumes and to demonstrate the percent removal requirements in s. NR 210.05, Wis. Adm. Code, and in the Standard Requirements section of the permit.

2 Surface Water - Monitoring and Limitations

2.1 Sample Point Number: 001- EFFLUENT

| Monitoring Requirements and Limitations | | | | | |
|---|-------------|-----------------|------------------|----------------------|-------|
| Parameter | Limit Type | Limit and Units | Sample Frequency | Sample Type | Notes |
| Flow Rate | | MGD | Daily | Continuous | |
| BOD5, Total | Weekly Avg | 45 mg/L | Weekly | 24-Hr Flow Prop Comp | |
| BOD5, Total | Monthly Avg | 30 mg/L | Weekly | 24-Hr Flow Prop Comp | |

| Monitoring Requirements and Limitations | | | | | |
|--|-------------------|------------------------|-------------------------|----------------------|--|
| Parameter | Limit Type | Limit and Units | Sample Frequency | Sample Type | Notes |
| Suspended Solids, Total | Monthly Avg | 60 mg/L | Weekly | 24-Hr Flow Prop Comp | |
| Suspended Solids, Total | | lbs/day | Weekly | Calculated | |
| Suspended Solids, Total | | lbs/month | Monthly | Calculated | Calculate the Total Monthly Discharge of TSS and report on the last day of the month on the DMR. See TMDL Calculations section of the permit. |
| Suspended Solids, Total | Annual Total | 9,357 lbs/yr | Monthly | Calculated | Calculate the annual total of TSS discharged and report in December of each year on the DMR. See TMDL Calculations section of the permit. |
| pH Field | Daily Max | 9.0 su | 5/Week | Grab | |
| pH Field | Daily Min | 6.0 su | 5/Week | Grab | |
| E. coli | Monthly Avg | 126 #/100 ml | Weekly | Grab | May - September, each year. |
| E. coli | % Exceedance | 10 Percent | Monthly | Grab | May - September, each year. |
| Chlorine, Total Residual | Daily Max | 38 ug/L | Daily | Grab | May - September, each year. |
| Chlorine, Total Residual | Weekly Avg | 38 ug/L | Daily | Grab | May - September, each year. |
| Chlorine, Total Residual | Monthly Avg | 38 ug/L | Daily | Grab | May - September, each year. |
| Phosphorus, Total | Monthly Avg | 4.3 mg/L | Monthly | 24-Hr Comp | |
| Phosphorus, Total | | lbs/day | Monthly | Calculated | |
| Phosphorus, Total | | lbs/month | Monthly | Calculated | Calculate the Total Monthly Discharge of Total Phosphorus and report on the last day of the month on the DMR. See TMDL Calculations section in the permit. |
| Phosphorus, Total | Annual Total | 50 lbs/yr | Monthly | Calculated | Calculate the annual total of Total Phosphorus |

| Monitoring Requirements and Limitations | | | | | |
|--|----------------------|------------------------|-------------------------|----------------------|---|
| Parameter | Limit Type | Limit and Units | Sample Frequency | Sample Type | Notes |
| | | | | | discharged and report in December of each year on the DMR. See TMDL Calculations section in the permit. |
| Nitrogen, Ammonia Variable Limit | | mg/L | Weekly | See Table | Look up variable ammonia limit from the "Variable Ammonia Limitation" table and report the variable limit in the Ammonia Variable Limit column on the eDMR. |
| Nitrogen, Ammonia (NH3-N) Total | Daily Max - Variable | mg/L | Weekly | 24-Hr Flow Prop Comp | |
| Nitrogen, Ammonia (NH3-N) Total | Weekly Avg | 34 mg/L | Weekly | 24-Hr Flow Prop Comp | |
| Nitrogen, Ammonia (NH3-N) Total | Monthly Avg | 34 mg/L | Weekly | 24-Hr Flow Prop Comp | |
| Nitrogen, Total Kjeldahl | | mg/L | See Listed Qtr(s) | 24-Hr Flow Prop Comp | Annual in rotating quarters. See Nitrogen Series Monitoring section in the permit. |
| Nitrogen, Nitrite + Nitrate Total | | mg/L | See Listed Qtr(s) | 24-Hr Flow Prop Comp | Annual in rotating quarters. See Nitrogen Series Monitoring section in the permit. |
| Nitrogen, Total | | mg/L | See Listed Qtr(s) | Calculated | Annual in rotating quarters. See Nitrogen Series Monitoring section in permit. Total Nitrogen shall be calculated as the sum of reported values for Total Kjeldahl Nitrogen and Total Nitrite + Nitrate Nitrogen. |
| Chloride | | mg/L | Monthly | 24-Hr Flow Prop Comp | Monitoring in 2028. |

2.1.1 Changes from Previous Permit

Effluent limitations and monitoring requirements were evaluated for this permit term and the following changes were made from the previous permit. See additional explanation of limits under "Explanation of Limits and Monitoring Requirements" below.

- **Total Suspended Solids TMDL Limits** – The mass based TSS limit of 9,357 lbs/day as an annual total has been added to the permit to comply with requirements of the Upper Fox Wolf River TMDL. Effluent concentration (mg/L) shall be monitored and reported monthly upon permit reissuance and will be used to calculate amounts reported for mass-based limits. An additional reporting requirement for lbs/month will be used to calculate the facility’s 12-month rolling sum of total monthly discharge, which can be compared directly to the facility’s designated WLA.
- **Phosphorus TMDL Limits** - An interim limit of 4.3 mg/L remains in effect upon reissuance unless a more stringent limit is required at a future permit issuance by ss. NR 217.13 and NR 217.16(2), Wis. Adm. Code, or the limit is relaxed following procedures outlined in ch. NR 207, Wis. Adm. Code. Discharge effluent concentration (mg/L) shall be reported monthly upon permit reissuance and will be used to calculate amounts reported for mass-based parameters. An additional reporting requirement for lbs/month will be used to calculate the facility’s 12-month rolling sum of total monthly discharge, which can be compared directly to the facility’s designated WLA. Final TMDL WLA-based effluent limit of 50 lbs/year as an annual total will go into effect in accordance with Water Quality Based Effluent Limits (WQBELs) for Total Phosphorus compliance schedule.
- **E. coli**- Fecal coliform monitoring and limits have been replaced with Escherichia coli (E. coli) monitoring and limits. Though the limits memo recommends a compliance schedule to meet E.coli limits it was deemed unnecessary given Green Lake SD can meet the proposed E.coli limits currently.
- **Total Nitrogen Monitoring (TKN, N02+N03 and Total N)**- Annual monitoring is required in specific quarters as outlined in the permit.
- **Chloride** – Monthly monitoring has been added.

2.1.2 Explanation of Limits and Monitoring Requirements

Detailed discussions of limits and monitoring requirements can be found in the attached water quality-based effluent limits (WQBEL) memo dated June 30, 2022.

Monitoring Frequencies- The Monitoring Frequencies for Individual Wastewater Permits guidance (April 12, 2021) recommends that standard monitoring frequencies be included in individual wastewater permits based on the size and type of the facility, in order to characterize effluent quality and variability, to detect events of noncompliance, and to ensure consistency in permits issued across the state. Guidance and requirements in administrative code were considered when determining the appropriate monitoring frequencies for pollutants that have final effluent limits in effect during this permit term.

Expression of Limits- In accordance with the federal regulation 40 CFR 122.45(d) and s. NR 205.065, Wis. Adm. Code, limits in this permit are to be expressed as weekly and monthly average limits whenever practicable.

Upper Fox Wolf River Total Maximum Daily Load (TMDL) - The permitted facility is located within the Upper Fox Wolf River Basin Total Maximum Daily Load (UFWRB TMDL), which was approved by EPA February 27, 2020. The TMDL establishes Waste Load Allocations (WLAs) for point source dischargers and determines the maximum amounts of phosphorus and total suspended solids that can be discharged and still protect water quality. The final effluent limits and monitoring expressed in the permit were derived from and comply with the applicable water quality criterion and are consistent with the assumptions and requirements of the EPA-approved WLAs in the TMDL, which are 50 lbs/yr for phosphorus and 9,357 lbs/yr for TSS for the permitted facility.

The approved TMDL expresses WLAs as lbs/year and lbs/day (maximum annual load divided by 365 days). As outlined in Section 4.6 of the department’s 2020 TMDL Implementation Guidance for Wastewater Permits, TMDL limits must be given in the permit that are consistent with the TMDL WLA permit limits derived from the TMDL and need to be expressed as specified by 40 CFR 122.45 (d), s. NR 212.76 (4), and s. NR 205.065 (7), Wis. Adm. Code, unless determined to be impracticable. Impracticability has already been determined for phosphorus limits as laid out in the phosphorus impracticability agreement that was approved by USEPA in 2012 (see NPDES MOA Addendum dated July 12, 2012 at <https://apps.dnr.wi.gov/swims/Documents/DownloadDocument?id=167886175>).

Total Nitrogen Monitoring (NO₂+NO₃, TKN and Total N): The Department has included effluent monitoring for Total Nitrogen in the permit through the authority under §§ 283.55(1)(e), Wis. Stats., which allows the department to require the permittee to submit information necessary to identify the type and quantity of any pollutants discharged from the point source, and through s. NR 200.065(1)(h), Wis. Adm. Code, which allows for this monitoring to be collected during the permit term. Annual effluent monitoring for Total Nitrogen is included in the permit. More information on the justification to include total nitrogen monitoring in wastewater permits can be found in the “Guidance for Total Nitrogen Monitoring in Wastewater Permits” dated October 1, 2019.

Chloride – Monthly monitoring in 2028 has been added to ensure sufficient sample results are available at the next permit issuance to meet the data requirements of s. NR 106.85, Wis. Adm. Code.

3 Land Treatment – Monitoring and Limitations

3.1 Sample Point Number: 003- SPRAY IRRIGATION OUTFALL

| Monitoring Requirements and Limitations | | | | | |
|--|-------------|-------------------|------------------|----------------------|-----------------------------------|
| Parameter | Limit Type | Limit and Units | Sample Frequency | Sample Type | Notes |
| Flow Rate | | MGD | Daily | Total Daily | |
| Hydraulic Application Rate | Monthly Avg | 0 gal/ac/day | Monthly | Calculated | Limit effective December - April. |
| Hydraulic Application Rate | Monthly Avg | 10,000 gal/ac/day | Monthly | Calculated | Limit effective May - November. |
| BOD ₅ , Total | Monthly Avg | 50 mg/L | Monthly | 24-Hr Flow Prop Comp | |
| Nitrogen, Total Kjeldahl | | mg/L | Monthly | 24-Hr Flow Prop Comp | |
| Nitrogen, Ammonia (NH ₃ -N) Total | | mg/L | Monthly | 24-Hr Flow Prop Comp | |
| Nitrogen, Organic Total | | mg/L | Monthly | Calculated | |
| Nitrogen, Nitrite + Nitrate Total | | mg/L | Monthly | 24-Hr Flow Prop Comp | |
| Nitrogen, Total | | mg/L | Monthly | Calculated | |
| Chloride | | mg/L | Monthly | 24-Hr Flow Prop Comp | |
| Solids, Total Dissolved | | mg/L | Monthly | 24-Hr Flow Prop Comp | |
| pH Field | | su | Monthly | Grab | |
| Soil - Nitrogen, Available | | mg/kg | Annual | Grab Comp | |
| Soil - Phosphorus, Available | | mg/kg | Annual | Grab Comp | |

| Monitoring Requirements and Limitations | | | | | |
|---|------------|-----------------|------------------|-------------|-------|
| Parameter | Limit Type | Limit and Units | Sample Frequency | Sample Type | Notes |
| Soil - Potassium, Available | | mg/kg | Annual | Grab Comp | |
| Soil - pH Lab | | su | Annual | Grab Comp | |
| Fertilizer Used | | lbs/ac/yr | Annual | Measure | |

3.1.1 Changes from Previous Permit:

N/A – New outfall.

3.1.2 Explanation of Limits and Monitoring Requirements

All requirements for land treatment of municipal wastewater are determined in accordance with ch. NR 206, Wis. Adm. Code. All categorical limits are based on s. NR 206.08 (3), Wis. Adm. Code. More information on the limitations can be found in the Groundwater Evaluation Report for Green Lake Sanitary District, WI-0036846, Woody Myers, dated December 11, 2025.

4 Groundwater – Monitoring and Limitations

4.1 Groundwater Monitoring System for Spray Irrigation

Location of Monitoring system: E 1/2 of the NW 1/4 of Section 32, T16N, R12E, and W 1/2

Groundwater Monitoring Well(s) to be Sampled: MW801, MW802, MW803, MW804

Groundwater Monitoring Well(s) Used to Evaluate Background Groundwater Quality: N/A

Groundwater Monitoring Well(s) Used for Point of Standards Application: To be determined.

| Parameter | Units | Preventative Action Limit | Enforcement Standard | Frequency |
|--|----------|---------------------------|----------------------|-----------|
| Depth To Groundwater | feet | N/A | N/A | Quarterly |
| Groundwater Elevation | feet MSL | N/A | N/A | Quarterly |
| Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 2.0 | 10 | Quarterly |
| Nitrogen, Ammonia Dissolved | mg/L | 0.97 | 9.7 | Quarterly |
| Nitrogen, Organic Dissolved | mg/L | N/A | N/A | Quarterly |
| Chloride Dissolved | mg/L | 125 | 250 | Quarterly |
| pH Field | su | N/A | N/A | Quarterly |
| Solids, Total Dissolved | mg/L | N/A | N/A | Quarterly |

4.1.1 Changes from Previous Permit:

N/A – New Outfall.

4.1.2 Explanation of Limits and Monitoring Requirements

Groundwater limits and requirements are determined in accordance with ch. NR 140, Wis. Adm. Code. Indicator parameter Preventive Action Limit (PAL) values are established per s. NR 140.20, Wis. Adm. Code. Alternative Concentration Limits as allowed under s. NR 140.28, Wis. Adm. Code, are established on a case-by-case basis.

For more information, please refer to the Groundwater Evaluation Report for Green Lake Sanitary District, WI-0036846, Woody Myers, dated December 11, 2025.

5 Land Application - Monitoring and Limitations

| Municipal Sludge Description | | | | | | |
|--|-----------------------|------------------------------|---------------------------|--------------------------|------------------|--|
| Sample Point | Sludge Class (A or B) | Sludge Type (Liquid or Cake) | Pathogen Reduction Method | Vector Attraction Method | Reuse Option | Amount Reused/Disposed (Dry Tons/Year) |
| 002 | B | Liquid | Alkaline Stabilization | pH Adjustment | Land Application | N/A |
| Does sludge management demonstrate compliance? Yes. | | | | | | |
| Is additional sludge storage required? No. | | | | | | |
| Is Radium-226 present in the water supply at a level greater than 2 pCi/liter? No. | | | | | | |
| Is a priority pollutant scan required? No. | | | | | | |

5.1 Sample Point Number: 002- LAGOON SLUDGE

| Monitoring Requirements and Limitations | | | | | |
|---|--------------|-----------------|------------------|-------------|-------|
| Parameter | Limit Type | Limit and Units | Sample Frequency | Sample Type | Notes |
| Solids, Total | | Percent | Once | Composite | |
| Arsenic Dry Wt | Ceiling | 75 mg/kg | Once | Composite | |
| Arsenic Dry Wt | High Quality | 41 mg/kg | Once | Composite | |
| Cadmium Dry Wt | Ceiling | 85 mg/kg | Once | Composite | |
| Cadmium Dry Wt | High Quality | 39 mg/kg | Once | Composite | |
| Copper Dry Wt | Ceiling | 4,300 mg/kg | Once | Composite | |
| Copper Dry Wt | High Quality | 1,500 mg/kg | Once | Composite | |
| Lead Dry Wt | Ceiling | 840 mg/kg | Once | Composite | |
| Lead Dry Wt | High Quality | 300 mg/kg | Once | Composite | |
| Mercury Dry Wt | Ceiling | 57 mg/kg | Once | Composite | |

| Monitoring Requirements and Limitations | | | | | |
|---|--------------|-----------------|------------------|-------------|--|
| Parameter | Limit Type | Limit and Units | Sample Frequency | Sample Type | Notes |
| Mercury Dry Wt | High Quality | 17 mg/kg | Once | Composite | |
| Molybdenum Dry Wt | Ceiling | 75 mg/kg | Once | Composite | |
| Nickel Dry Wt | Ceiling | 420 mg/kg | Once | Composite | |
| Nickel Dry Wt | High Quality | 420 mg/kg | Once | Composite | |
| Selenium Dry Wt | Ceiling | 100 mg/kg | Once | Composite | |
| Selenium Dry Wt | High Quality | 100 mg/kg | Once | Composite | |
| Zinc Dry Wt | Ceiling | 7,500 mg/kg | Once | Composite | |
| Zinc Dry Wt | High Quality | 2,800 mg/kg | Once | Composite | |
| Nitrogen, Total Kjeldahl | | Percent | Per Occurrence | Composite | |
| Nitrogen, Ammonium (NH4-N) Total | | Percent | Per Occurrence | Composite | |
| Phosphorus, Total | | Percent | Per Occurrence | Composite | |
| Phosphorus, Water Extractable | | % of Tot P | Per Occurrence | Composite | |
| Potassium, Total Recoverable | | Percent | Per Occurrence | Composite | |
| PCB Total Dry Wt | Ceiling | 50 mg/kg | Once | Composite | |
| PCB Total Dry Wt | High Quality | 10 mg/kg | Once | Composite | |
| PFOA + PFOS | | ug/kg | Once | Calculated | |
| PFAS Dry Wt | | | Once | Grab | Perfluoroalkyl and Polyfluoroalkyl Substances based on updated DNR PFAS List. See PFAS Permit Sections for more information. |

5.1.1 Changes from Previous Permit:

Sludge limitations and monitoring requirements were evaluated for this permit term and the following changes were made from the previous permit. See additional explanation of limits under “Explanation of Limits and Monitoring Requirements” below.

PFAS –Monitoring is required **once** pursuant to s. NR 204.06(2)(b)9., Wis. Adm. Code.

PCB – Monitoring required once in 2027.

5.1.2 Explanation of Limits and Monitoring Requirements

Requirements for disposal, including land application of municipal sludge, are determined in accordance with ch. NR 204, Wis. Adm. Code. Ceiling and high-quality limits for metals in sludge are specified in s. NR 204.07(5). Requirements for pathogens are specified in s. NR 204.07(6) and in s. NR 204.07 (7) for vector attraction requirements. Limitations for PCBs are addressed in s. NR 204.07(3)(k).

PFAS- The presence and fate of PFAS in municipal and industrial sludges is an emerging public health concern. EPA has developed a draft risk assessment to determine future land application rates and released this risk assessment in January of 2025. The department is evaluating this new information. Until a decision is made, the “Interim Strategy for Land Application of Biosolids and Industrial Sludges Containing PFAS” should be followed

Collecting sludge data on PFAS concentrations from a wide range of wastewater treatment facilities will help protect public health from exposure to elevated levels of PFAS and determine the department’s implementation of EPA’s recommendations. To quantitate this risk, PFAS sampling has been included in this WPDES permit pursuant to ss. NR 214.18(5)(b) and NR 204.06(2)(b)9., Wis. Adm. Code.

6 Septage Management - Monitoring and Limitations

Septage management is required in accordance ch. NR 113, Wisconsin Administrative Code. Records must be kept and made available to the Department on request. Required record keeping includes volumes of septage pumped, dates when the septage was removed, land application site DNR number and method used to satisfy pathogen and vector control, and/or the treatment plant where septage is disposed. Annual reporting is required when the permittee land applies the septage. Annual reporting is also required when the permittee disposes of septage at a designated treatment facility.

6.1 Sample Point Number: 990- SEPTIC TANK

6.1.1 Changes from Previous Permit:

None.

Explanation of Limits and Monitoring Requirements

Requirements for septage management are determined in accordance with ch. NR 113, Wis. Adm. Code.

7 Schedules

7.1 Water Quality Based Effluent Limits (WQBELs) for Total Phosphorus

The permittee shall comply with the WQBELs for Phosphorus as specified. No later than 14 days following each compliance date, the permittee shall notify the Department in writing of its compliance or noncompliance. If a submittal is required, a timely submittal fulfills the notification requirement.

| Required Action | Due Date |
|---|------------|
| Complete Construction: The permittee shall complete construction of wastewater treatment system upgrades. Note: See 'Alternative Approaches to Phosphorus WQBEL Compliance' in the Surface Water section of this permit. | 09/30/2026 |
| Achieve Compliance: The permittee shall achieve compliance with final phosphorus WQBELs. Note: See 'Alternative Approaches to Phosphorus WQBEL Compliance' in the Surface Water section of this permit. | 10/01/2026 |

7.1.1 Explanation of Schedule

Subchapter NR 217.17, Wis. Adm. Code, allows the department to provide a schedule of compliance for water quality-based phosphorus limits where the permittee cannot immediately achieve compliance. This compliance schedule contains the final two required actions from the Water Quality Based Effluent Limits (WQBELs) for Total Phosphorus compliance schedule in permit WI-0028444-11-0.

7.2 Groundwater Monitoring Well Site Map Submittal

A map is required of the land treatment system per ch. NR 141.065, Wis. Adm. Code.

| Required Action | Due Date |
|---|------------|
| <p>Monitoring Well Site Map: All monitoring well locations shall be reported to the Department on a plan map drawn to specific scale. The map shall indicate structure boundaries, property boundaries, any nearby surface waters, and a north arrow. The plan shall show the wells in relation to each other, to property and structure boundaries, and to a common reference point on a horizontal grid system. The origin of the grid system shall be located according to latitude and longitude or according to the state plane coordinate system. The exact vertical location of the top of the well casing shall be referenced to the nearest benchmark for the national geodetic survey datum to an accuracy of 0.01 feet. This plan map shall show the exact location of the installed well on a horizontal grid system which is accurate to within 1 foot.</p> | 10/01/2026 |

7.3 Land Treatment Management Plan

A management plan is required for the land treatment system.

| Required Action | Due Date |
|---|------------|
| <p>Land Treatment Management Plan Submittal: Submit a management plan to optimize the land treatment system performance and demonstrate compliance with ch. NR 206, Wis. Adm. Code. The land treatment system shall be operated in accordance with the approved management plan.</p> | 04/01/2027 |

7.3.1 Explanation of Schedule

An up-to-date Land Application Management Plan is required that documents how the permittee will manage the land application of biosolids consistent with ch. NR 204, Wis. Adm. Code

Attachments

Water Quality-Based Effluent Limitations for Green Lake Sanitary District WPDES Permit No. WI-0036846-06, Nicole Krueger, dated June 30, 2022

Groundwater Evaluation Report for Green Lake Sanitary District, WI-0036846, Woody Myers, dated December 11, 2025

Justification Of Any Waivers From Permit Application Requirements

No waivers requested or granted as part of this permit reissuance

Prepared By: Ashley Clark, Wastewater Specialist

Date: January 11, 2026