

## Modified Permit Fact Sheet

### General Information

Permit Number	WI-0035114-08-1
Permittee Name and Address	Crystal Lake Sanitary District Comstock, WI 54826
Permitted Facility Name and Address	Crystal Lake Sanitary District 1853A Fourth Street, Comstock, WI
Permit Term	October 01, 2025 to September 30, 2030 – Modification begins April 1, 2026
Discharge Location	West bank of the tributary of Lightning Creek at the east edge of the WWTF, 2,250 feet upstream of 18 ¼ Ave. (SW¼ NW¼ of Section 35; T35N-R14W Barron County)
Receiving Water	Unnamed tributary to Lightning Creek in the Hay River watershed of Lower Chippewa River drainage basin in Barron County
Stream Flow (Q <sub>7,10</sub> )	0.06 cfs
Stream Classification	The unnamed tributary is a Warm Water Sport Fish (WWSF) community Lightning Creek is a Cold Water (CW) community, class II trout stream  Both waters are non-public water supply, within the Tainter Lake and Lake Menomin TMDL boundary and within the ceded territory.
Wild Rice Impacts (no specific wild rice standards exist at this time)	No impacts identified. No wild rice waters inventoried on the surface water. (Evaluation completed March 2017)
Discharge Type	Existing noncontinuous discharge on a fill and draw basis (normally April, May, October and November).
Annual Average Design Flow (MGD)	0.0122 MGD
Industrial or Commercial Contributors	None.
Plant Classification	A4 - Ponds, Lagoons and Natural Systems; SS - Sanitary Sewage Collection System
Approved Pretreatment Program?	N/A

### Facility Description

The Crystal Lake Sanitary District owns and operates a domestic wastewater treatment system. The plant designed to treat 12,200 gallons per day currently treats an average of 9,500 gallons per day (2020-2024 data). The treatment system consists of three aerated cells, a holding pond and two sand filters. Naturally occurring aerobic (oxygen-loving) bacteria present in the wastewater metabolize organic matter. The wastewater is then held in a lined holding pond until it can be sent to two sand filters for continued treatment. Wastewater flows to a dosing tank where water is mixed with partially treated and treated wastewater then evenly distributed over one of two filter beds constructed of layers of fine and coarse sand. Naturally occurring aerobic bacteria growing as a biofilm on sand particles metabolize the remaining organic matter in the wastewater. Effluent is collected in a drain system under the filters and is authorized to be discharged to an unnamed tributary to Lightning Creek in Barron County. Discharges have historically occurred during the months of April, May, October and November.

## Reason for Modification

The permit incorrectly identified that discharges are only allowed during April, May, October and November. The facility can discharge year-round but has discharged during the previously mentioned months as a means to maintain limit compliance. The changes are limited to the effluent permit section.

## Sample Point Descriptions

Sample Point Designation	
Sample Point Number	Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)
701	Representative samples shall be collected at the domestic wastewater influent weir in the blower building.
002	Representative samples shall be collected from the manhole in the outfall pipe immediately following the sand filters and prior to discharge.
003	Representative samples shall be collected from the accumulated sludge in the ponds at various locations and depths that are composited for analysis.

## Permit Requirements

### 1 Influent – Monitoring Requirements

#### 1.1 Sample Point Number: 701- MUNICIPAL 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	

#### Changes from Previous Permit:

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

#### 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: 002- SURFACE WATER DISCHARGE

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
Flow Rate	Daily Max	0.07 MGD	Daily	Total Daily	
BOD5, Total	Monthly Avg	20 mg/L	Weekly	Grab	INTERIM LIMIT. See the Effluent Limitations for BOD5 schedule for more information.
BOD5, Total	Weekly Avg	30 mg/L	Weekly	Grab	INTERIM LIMIT. See the Effluent Limitations for BOD5 schedule for more information.
Suspended Solids, Total	Weekly Avg	10 mg/L	Weekly	Grab	
pH Field	Daily Max	9.0 su	Weekly	Grab	
pH Field	Daily Min	6.0 su	Weekly	Grab	
Dissolved Oxygen	Daily Min	7.0 mg/L	Weekly	Grab	
Nitrogen, Ammonia (NH3-N) Total	Monthly Avg	3.3 mg/L	Weekly	Grab	Limit is effective during the months of April and May.
Nitrogen, Ammonia (NH3-N) Total	Daily Max - Variable	mg/L	Weekly	Grab	Enter the daily ammonia result on the eDMR and compare to the Nitrogen, Ammonia Variable Limit column to determine compliance.
Nitrogen, Ammonia Variable Limit		mg/L	Weekly	Grab	Using the daily pH result look up the applicable ammonia limit in the Ammonia Limitation section in the permit and report the variable limit on the eDMR.
Phosphorus, Total	Monthly Avg	1.0 mg/L	Weekly	Grab	INTERIM LIMIT through 3/31/2029. See the MDV (Multi-Discharger Variance) Requirements and Phosphorus schedules for more information.

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
Phosphorus, Total	Monthly Avg	0.6 mg/L	Weekly	Grab	INTERIM MDV LIMIT begins 4/1/2029. See the MDV (Multi-Discharger Variance) Requirements and Phosphorus schedules for more information.
Phosphorus, Total		lbs/month	Monthly	Calculated	Record the monthly total on the last day of the month on the eDMR. See the MDV (Multi-Discharger Variance) Requirements section for more information.
Phosphorus, Total		lbs/yr	Annual	Calculated	Record the total for the months the MDV is effective over the calendar year on the annual eDMR. See the MDV (Multi-Discharger Variance) Requirements section for more information.
Copper, Total Recoverable		ug/L	Monthly	Grab	
Hardness, Total as CaCO <sub>3</sub>		mg/L	Monthly	Grab	
Chloride		mg/L	Monthly	Grab	
E. coli		#/100 ml	Weekly	Grab	Monitoring is required during periods of discharge May through September 2026. See the Effluent Limitations for E. coli schedule for more information.
E. coli	Geometric Mean - Monthly	126 #/100 ml	Weekly	Grab	Monitoring and limit is effective in May through September per the Effluent Limitations for E. coli schedule.
E. coli	% Exceedance	10 Percent	Monthly	Calculated	Monitoring and limit is effective in May through September per the Effluent Limitations for E. coli

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
					schedule. See the E. coli Percent Limit permit section.
Nitrogen, Total Kjeldahl		mg/L	See Listed Qtr(s)	Grab	See the Nitrogen Series Monitoring permit section for testing schedule.
Nitrogen, Nitrite + Nitrate Total		mg/L	See Listed Qtr(s)	Grab	See the Nitrogen Series Monitoring permit section for testing schedule.
Nitrogen, Total		mg/L	See Listed Qtr(s)	Calculated	Total Nitrogen = Total Nitrogen Kjeldahl (mg/L) + Nitrite + Nitrate Nitrogen (mg/L). See the Nitrogen Series Monitoring permit section for testing schedule.

## Changes from Previous Permit

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

- **Monitoring** – Influent monitoring is required year-round. Effluent monitoring is required in all of the months discharges occur. During the months effluent discharges do not occur the permittee shall indicate “no discharge” when prompted while completing the reports. The permittee shall notify department compliance staff at least 7 days prior to a discharge and/or if discharges occur beyond the historic discharge months of April, May, October, and November.
- **Electronic Discharge Monitoring Reports (eDMRs)** – In the past the monthly eDMRs listed only the influent parameters year-round and effluent parameters during the months of April, May, October and November. Effective with this modification influent and effluent parameters will appear year-round on the eDMRs.
- **Ammonia Limits** – Variable daily maximum ammonia limits are effective during all months a discharge occurs. Monthly average limits are effective only during the months of April and May. If discharges occur outside of the historic discharge months of April, May, October and November that data will be used during the next reissuance to determine if limitations are needed additional months.
- **Phosphorus MDV** – The MDV and all associated requirements are now effective in all of the months effluent is discharged.
- **E. coli** – Previously monitoring was listed only during May 2026 as part of the E. coli schedule. This has been extended to any discharges that occur the full 2026 disinfection season per s. NR 210.06 Wis. Adm. Code, May through September. Once the E.coli schedule has been completed all future monitoring and limitations will extend to any discharge period occurring in the disinfection season.
- **Total Nitrogen Monitoring (TKN, N02+N03 and Total N)** – The months identified for monitoring were expanded to include the additional month to make up a full quarter. April-May has been expanded to April, May and June. October and November has been expanded to October, November and December.

## 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 December 13, 2024.

### 3 Land Application - Monitoring and Limitations

#### 3.1 Sample Point Number: 003- 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	
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 Application	Composite	
Nitrogen, Ammonia (NH3-N) Total		Percent	Per Application	Composite	
Phosphorus, Total		Percent	Per Application	Composite	
Phosphorus, Water Extractable		% of Tot P	Per Application	Composite	

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
Potassium, Total Recoverable		Percent	Per Application	Composite	
PCB Total Dry Wt	Ceiling	50 mg/kg	Once	Composite	See the Sludge Analysis for PCBs permit section.
PCB Total Dry Wt	High Quality	10 mg/kg	Once	Composite	See the Sludge Analysis for PCBs permit section.
PFOA + PFOS		ug/kg	Once	Calculated	Report the sum of PFOA and PFOS. See PFAS permit sections for more information.
PFAS Dry Wt			Once	Grab	Perfluoroalkyl and Polyfluoroalkyl Substances based on updated DNR PFAS List. See PFAS Permit Sections for more information.

### Changes from Previous Permit:

Sludge limitations and monitoring requirements were evaluated for this permit modification and no changes were required in this permit section.

### 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).

## 4 Schedules

### 4.1 Phosphorus Multi-Discharger Variance Interim Limit (0.6 mg/L)

Required Action	Due Date
Treatment/Compliance Alternatives Report: Submit a report on effluent quality with conclusions regarding phosphorus limit compliance. If the limit can't be met, detail available phosphorus optimizations and alternatives. If needed, identify the selected alternative. Include costs and feasibility of each option.	09/30/2026
Action Plan: Submit an action plan for complying with the specified interim effluent limit. If construction is required, include plans and specifications with the submittal.	09/30/2027
Initiate Actions: The permittee shall initiate installation or implementation of projects needed to comply with the specified interim MDV effluent limit as specified in the submitted action plan. If	06/30/2028

construction is needed the permittee shall obtain approval of the final construction plans and schedule from the Department pursuant to s. 281.41, Stats., prior to initiating activities defined as construction under ch. NR 108, Wis. Adm. Code. Upon approval of the final construction plans and schedule by the Department pursuant to s. 281.41, Stats., the permittee shall construct the treatment plant upgrades in accordance with the approved plans and specifications.	
Complete Actions: Complete actions identified in the plan and achieve compliance with the specified interim effluent limit.	03/31/2029

#### 4.1.1 Explanation of Schedule

*Interim Limit* - Subsection 283.16(6), Wis. Stats., establishes required interim phosphorus effluent limits that must be met for multi-discharger variance (MDV) eligibility. The schedule above provides the permittee time to comply with that limit.

#### 4.2 Phosphorus Schedule - Optimization Plan

Required Action	Due Date
Optimization Plan: The permittee shall prepare an Optimization Plan and submit it for Department approval. The plan shall include an evaluation of collected effluent data, possible source reduction measures and operational improvements to optimize performance to control phosphorus discharges. The plan shall contain a schedule for implementation of the measures and improvements. Once the plan is approved by the Department, the permittee shall take the steps called for in the Optimization Plan and follow the schedule of implementation as approved.	09/30/2026
Progress Report #1: Submit a progress report on optimizing removal of phosphorus.	09/30/2027
Progress Report #2: Submit a progress report on optimizing removal of phosphorus.	09/30/2028
Progress Report #3: Submit a progress report on optimizing removal of phosphorus. This schedule item is contingent upon continued federal authorization of the MDV. See "MDV Reopener Clause" in the Surface Water section of this permit.	09/30/2029
Progress Report #4: Submit a progress report on optimizing removal of phosphorus. This schedule item is contingent upon continued federal authorization of the MDV. See "MDV Reopener Clause" in the Surface Water section of this permit.	09/30/2030

#### Explanation of Schedule

*Optimization* - Per s. 283.16(6)(a), Wis. Stats. the Department may include a requirement that the permittee optimize the performance of a point source in controlling phosphorus discharges, which may be necessary to achieve compliance with multi-discharger variance interim limits. This compliance schedule requires the permittee to continue to implement the optimization plan that was approved during the previous permit term.

#### 4.3 Phosphorus Payment per Pound to County

Required Action	Due Date
Annual Verification of Phosphorus Payment to County: The permittee shall make a total payment to the participating county or counties approved by the Department by March 1 of each calendar year. The amount due is equal to the following: [(lbs of phosphorus discharged minus the permittee's target value) times (\$66.62 per pound)] or \$640,000, whichever is less. See the payment calculation steps in the Surface Water section.	03/01/2026

The permittee shall submit Form 3200-151 to the Department by March 1 of each calendar year indicating total amount remitted to the participating counties to verify that the correct payment was made. The first payment verification form is due by the specified Due Date.  Note: The applicable Target Value is 0.2 mg/L as defined by s. 283.16(1)(h), Wis. Stats. The "per pound" value is \$50.00 adjusted for CPI.	
Annual Verification of Payment #2: Submit Form 3200-151 to the Department indicating total amount remitted to the participating counties.	03/01/2027
Annual Verification of Payment #3: Submit Form 3200-151 to the Department indicating total amount remitted to the participating counties.	03/01/2028
Annual Verification of Payment #4: Submit Form 3200-151 to the Department indicating total amount remitted to the participating counties.	03/01/2029
Annual Verification of Payment #5: Submit Form 3200-151 to the Department indicating total amount remitted to the participating counties.	03/01/2030
Continued Coverage: If the permittee intends to seek a renewed variance, an application for the MDV (Multi Discharger Variance) shall be submitted as part of the application for permit reissuance in accordance with s. 283.16(4)(b), Wis. Stats.	03/30/2030
Annual Verification of Payment After Permit Expiration: In the event that this permit is not reissued prior to the expiration date, the permittee shall continue to submit Form 3200-151 to the Department indicating total amount remitted to the participating counties by March 1 each year.	

## Explanation of Schedule

*County Payment* - Subsection 283.16(6)(b), Wis. Stats., requires permittees that have received approval for the multi-discharger variance (MDV) to implement a watershed project that is designed to reduce non-point sources of phosphorus within the HUC 8 watershed in which the permittee is located. The permittee has selected the "Payment to Counties" watershed option described in s. 283.16(8), Wis. Stats. Under this option the permittee shall make annual payment(s) to participating county(s) that are calculated based on the amount of phosphorus actually discharged during a calendar year in pounds per year less the amount of phosphorus that would have been discharged had the permittee discharged phosphorus at a target value concentration of 0.2 mg/L. The pounds of phosphorus discharged in excess of the target value is multiplied by a per pound phosphorus charge that will equal \$66.63 per pound. This schedule requires the permittee to submit Form 3200-151 to the Department indicating the total amount remitted to the participating county(s).

## 4.4 Disinfection and Effluent Limitations for E. coli

Required Action	Due Date
Status Update: The permittee shall submit information within the discharge monitoring report (DMR) comment section documenting the steps taken in preparation for properly monitoring and testing for E. coli including, but not limited to, selected test method and location of sampling.	11/21/2025
Report on Effluent Discharge: The permittee shall prepare and submit a report on effluent discharge. The report shall include an evaluation of collected effluent data and the facility's ability to comply with final E. coli limitations. The report shall state whether current treatment results in compliance with the final E. coli limitations. The permittee shall also submit a request to the department to evaluate the need for disinfection pursuant s. NR 210.06(3), Wis. Adm. Code.  MODIFICATION - If the department determines, based on the information submitted in the Report on Effluent Discharges, that disinfection is not required pursuant s. NR 210.06(3), Wis. Adm. Code, the department will modify or revoke and reissue the permit in accordance with public notice	10/31/2026

<p>procedures under ch. 283, Wis. Stats., and ch. NR 203, Wis. Adm. Code, to remove monitoring, the final E. coli limitation, and the remaining actions in this schedule of compliance.</p> <p><b>FACILITY PLAN</b> - If the Report on Effluent Discharge concludes that current treatment does not result in compliance with the final E. coli limitations, the permittee shall initiate development of a facility plan for meeting final E. coli limitations and comply with the remaining required actions in this schedule of compliance.</p>	
<p><b>Submit Facility Plan:</b> The permittee shall submit a Facility Plan per s. NR 110.09, Wis. Adm. Code for meeting disinfection requirements and complying with E. coli surface water limitations. The permittee may submit an abbreviated facility plan if the Department determines that the modifications are minor.</p>	04/30/2027
<p><b>Final Plans and Specifications:</b> The permittee shall submit final construction plans to the Department for approval pursuant to ch. NR 108, Wis. Adm. Code, specifying treatment plant upgrades that must be constructed to meet disinfection requirements per s. NR 210.06(1), Wis. Adm Code, achieve compliance with final E. coli limitations, and a schedule for completing construction of the upgrades by the complete construction date specified below.</p>	03/31/2028
<p><b>Treatment Plant Upgrade to Meet Limitations:</b> The permittee shall initiate bidding, procurement, and/or construction of the project. The permittee shall obtain approval of the final construction plans and schedule from the Department pursuant to s. 281.41, Stats., prior to initiating activities defined as construction under ch. NR 108, Wis. Adm. Code. Upon approval of the final construction plans and schedule by the Department pursuant to s. 281.41, Stats., the permittee shall construct the treatment plant upgrades in accordance with the approved plans and specifications.</p>	09/30/2028
<p><b>Construction Upgrade Progress Report:</b> The permittee shall submit a progress report on construction upgrades.</p>	09/30/2029
<p><b>Complete Construction:</b> The permittee shall complete construction of wastewater treatment system upgrades.</p>	03/31/2030
<p><b>Achieve Compliance:</b> The permittee shall achieve compliance with final E. coli limitations.</p>	04/30/2030

### Explanation of Schedule

*E. coli*- A compliance schedule is included in the permit to provide time for the permittee to investigate options for meeting new effluent E. coli water quality-based effluent limits while coming into compliance with the limits as soon as reasonably possible.

### 4.5 Effluent Limitations for BOD5

Required Action	Due Date
<p><b>Operational Evaluation Report:</b> The permittee shall prepare and submit an Operational Evaluation Report to the Department for review and approval. The report shall include an evaluation of collected effluent data and proposed operational improvements that will optimize efficacy of the treatment plan to the extent possible enabling compliance with the final BOD5 limitations of 5 mg/L weekly average in May and October; and 10 mg/L weekly average in April and November. The report shall include a plan and schedule for implementation of the operational improvements. These improvements shall occur as soon as possible. The report shall state whether the operational improvements are expected to result in compliance with the final BOD5 limitations.</p> <p>If the Operational Evaluation Report concludes that the operational improvements are expected to result in compliance with the final BOD5 limitations, the permittee shall comply with the final</p>	09/30/2026

<p>limitations by September 30, 2027 and the permittee is not required to comply with subsequent milestones identified below in this compliance schedule ('Submit Facility Plan', 'Final Plans and Specifications', 'Treatment Plant Upgrade to Meet Limitations', 'Construction Upgrade Progress Report', 'Complete Construction', 'Achieve Compliance').</p> <p>FACILITY PLAN - If the Operational Evaluation Report concludes that operational improvements alone are not expected to result in compliance with the final BOD5 limitations, the permittee shall initiate development of a facility plan for meeting final limitations and comply with the remaining required actions in this schedule of compliance.</p>	
<p>Facility Plan: If the Operational Evaluation Report concluded that the permittee cannot achieve final BOD5 limitations with operational improvements alone, the permittee shall submit a Facility Plan per s. NR 110.09, Wis. Adm. Code. The permittee may submit an abbreviated facility plan if the Department determines that the modifications are minor.</p>	09/30/2027
<p>Final Plans and Specifications: The permittee shall submit final construction plans to the Department for approval pursuant to ch. NR 108, Wis. Adm. Code, specifying treatment plant upgrades that must be constructed to achieve compliance with final BOD5 limitations and a schedule for completing construction of the upgrades by the complete construction date specified below.</p>	09/30/2028
<p>Treatment Plant Upgrade to Meet Limitations: The permittee shall initiate bidding, procurement, and/or construction of the project. The permittee shall obtain approval of the final construction plans and schedule from the Department pursuant to s. 281.41, Stats., prior to initiating activities defined as construction under ch. NR 108, Wis. Adm. Code. Upon approval of the final construction plans and schedule by the Department pursuant to s. 281.41, Stats., the permittee shall construct the treatment plant upgrades in accordance with the approved plans and specifications.</p>	09/30/2029
<p>Complete Construction: The permittee shall complete construction of wastewater treatment system upgrades.</p>	07/31/2029
<p>Achieve Compliance: The permittee shall achieve compliance with the final BOD5 limits of: 5 mg/L weekly average May and October 10 mg/L weekly average April and November</p>	09/30/2030

## Explanation of Schedule

*Effluent Limitations for BOD5* - A compliance schedule is included in the permit to provide time for the permittee to investigate options for meeting new effluent BOD5 water quality-based effluent limits while coming into compliance with the limits as soon as reasonably possible.

## 4.6 Sludge Management Plan

Required Action	Due Date
<p>Sludge Management Plan Submittal: Submit a Sludge Management Plan: The permittee shall submit a management plan for approval if removal of sludge will occur during this permit term. The plan shall demonstrate compliance with ch. NR 204, Wis. Adm. Code and at minimum address 1) How and where is sludge sampled; 2) Available sludge storage details and location(s); 3) How will the sludge be removed with details on volume, characterization and how will the treatment plant continue to function during the drawdown; 4) Describe the type of transportation and spreading vehicles and loading and unloading practices; 5) Identify approved land application sites, apply for needed sites, site limitations, total acres needed and vegetative cover management; 6) Specify record keeping procedures including site loading; 7) Address contingency plans for adverse weather and</p>	

<p>odor/nuisance abatement; and 8) Include any other pertinent information such as other disposal options that may be used or specifications of any pretreatment processes</p> <p>Once approved, all sludge management activities shall be conducted in accordance with the plan. Any changes to the plan must be approved by the Department prior to implementing the changes. No desludging may occur unless approval from the Department is obtained. Daily logs shall be kept that record where the sludge has been disposed.</p> <p>The plan is due at least 60 days prior to desludging.</p>	
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**Explanation of Schedule**

*Sludge Management Plan* - If the lagoons are to be de-sludged during this permit term a management plan is needed to show compliance with ch. NR 204, Wis. Adm. Code. There are outlines available to assist in plan development.

**Prepared By:** Sheri A. Snowbank      Wastewater Specialist      **Date:** February 26, 2026