

Permit Fact Sheet

General Information

Permit Number	WI-0031160-10-1 *Permit Modification
Permittee Name and Address	Randolph, Village 248 West Stroud Street, Randolph, WI 53956-1272
Permitted Facility Name and Address	Randolph Wastewater Treatment Facility 692 Jones Dr, Randolph WI 53956
Permit Term	October 01, 2025 to September 30, 2030 Modification effective January 01, 2027
Discharge Location	West bank of Spring Creek tributary to Beaver Creek, approximately 400 feet south of Jones Drive at sewerage plant.
Receiving Water	Tributary of Beaver Creek in Beaver Dam River or Rock River (upper) in Dodge County
Stream Flow (Q _{7,10})	0.03 cfs
Stream Classification	Limited Aquatic Life (LAL)
Discharge Type	Existing, Continuous
Annual Average Design Flow (MGD)	0.30 MGD
Industrial or Commercial Contributors	Two categorical pretreatment industrial contributors: Neogen Inc (formerly Hacco Inc) and Busse/SJI Corporation.
Plant Classification	A1 - Suspended Growth Processes; B - Solids Separation; C - Biological Solids/Sludges; L - Laboratory; SS - Sanitary Sewage Collection System. Subclass P - Total Phosphorus must be obtained. Subclass D – Disinfection will be required 12 months after installation of disinfection equipment as required by the compliance schedule.
Approved Pretreatment Program?	N/A

Facility Description

The Village of Randolph operates a wastewater treatment facility that serves a population of approximately 1800.

Treatment consists of a mechanical fine screen to an oxidation ditch followed by two final clarifiers operated in parallel. The facility currently uses phosphorus treatment chemical at the oxidation ditches. Sludge that is produced is aerobically digested and held on-site prior to being hauled off-site by contract haulers and land applied on Department approved sites.

Flow from the clarifiers goes through a decommissioned chlorine contact tank prior to metering and discharge. A schedule has been included in this permit for compliance with disinfection requirements.

Permit Modification -1 completed to correct two errors. First, in the chronic WET test section, the IWC% listed in the permit was corrected from 98% to 94% and the permit did not include the monthly average 1.1 TUc limit. The monthly average chronic WET limit was correctly listed in the permit fact sheet upon reissuance, and is now correctly reflected in the modified permit and fact sheet.. Second, the chloride section and chloride compliance schedule were incorrectly listed with final compliance dates in error. The correct final chloride limit has been updated throughout the permit consistent with the compliance schedule indicating the final chloride limits are effective at the end of the permit term.

Substantial Compliance Determination

Enforcement During Last Permit: No enforcement actions were taken by the department in the previous permit term. The facility has completed all previously required actions as part of the enforcement process.

After a desk top review of all discharge monitoring reports, CMARs, land application reports, compliance schedule items, and a site visit on 6/3/2025, this facility has been found to be in substantial compliance with their current permit.

Compliance determination made by Jordan Main on 7/15/25.

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	0.44 MGD (11/1/2019 – 3/31/2025)	Influent: 24-Hr flow proportional composite sampler located in the influent channel, past the parshall flume. Flow meter located in the parshall flume channel.
001	Flow requirement added with this permit term.	Effluent: 24-Hr flow proportional composite sampler and grab samples taken at the disinfection tank discharge prior to discharge to a Tributary of Beaver Creek. Flow meter located at the disinfection tank discharge.
006	21.5 US dry Tons (per 2025 permit application)	Class B, Liquid Sludge. A composite of multiple representative grab samples shall be collected from the tank. Metals and PCB shall be monitored from this outfall.

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	3/Week	24-Hr Flow Prop Comp	
Suspended Solids, Total		mg/L	3/Week	24-Hr Flow Prop Comp	

Changes from Previous Permit:

Influent 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.

- **Flow-** The sample frequency for flow has been changed from “continuous” to “daily” for eDMR reporting purposes.
- **BOD & TSS-** The sample frequency increased to 3/Week to match the frequency of effluent sampling.

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	30 mg/L	3/Week	24-Hr Flow Prop Comp	
BOD5, Total	Monthly Avg	20 mg/L	3/Week	24-Hr Flow Prop Comp	
Suspended Solids, Total	Weekly Avg	30 mg/L	3/Week	24-Hr Flow Prop Comp	
Suspended Solids, Total	Monthly Avg	20 mg/L	3/Week	24-Hr Flow Prop Comp	

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
Suspended Solids, Total	Weekly Avg	75 lbs/day	3/Week	Calculated	
Suspended Solids, Total	Monthly Avg	50 lbs/day	3/Week	Calculated	
pH Field	Daily Max	9.0 su	5/Week	Grab	
pH Field	Daily Min	6.0 su	5/Week	Grab	
Dissolved Oxygen	Daily Min	4.0 mg/L	5/Week	Grab	
Nitrogen, Ammonia (NH3-N) Total	Daily Max	13 mg/L	3/Week	24-Hr Flow Prop Comp	
Nitrogen, Ammonia (NH3-N) Total	Weekly Avg	3.6 mg/L	3/Week	24-Hr Flow Prop Comp	May - September
Nitrogen, Ammonia (NH3-N) Total	Weekly Avg	12 mg/L	3/Week	24-Hr Flow Prop Comp	October - April
Nitrogen, Ammonia (NH3-N) Total	Monthly Avg	2.0 mg/L	3/Week	24-Hr Flow Prop Comp	May - September
Nitrogen, Ammonia (NH3-N) Total	Monthly Avg	6.6 mg/L	3/Week	24-Hr Flow Prop Comp	October - April
E. coli	Geometric Mean - Monthly	126 #/100 ml	Weekly	Grab	Monitoring and limit effective May through September annually per the Effluent Limitations for E. coli Schedule.
E. coli	% Exceedance	10 Percent	Monthly	Calculated	Monitoring and limit effective May through September annually per the Effluent Limitations for E. coli Schedule. See the E. coli Percent Limit section below. Enter the result in the DMR on the last day of the month.
Chloride	Weekly Avg	400 mg/L	4/Month	24-Hr Flow Prop Comp	Monitoring upon reissuance. Limit effective per the Chloride schedule. See Chloride schedule.
Chloride	Monthly Avg	400 mg/L	4/Month	24-Hr Flow Prop Comp	Monitoring upon reissuance. Limit effective per the Chloride schedule. See Chloride schedule.

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
Chloride, Variable Limit		lbs/day	4/Month	See Table	Report mass upon reissuance. Limit effective per the Chloride schedule. Look up the chloride mass from the 'Variable Chloride Mass' table and report the variable limit in the Chloride Variable Limit column on the eDMR.
Chloride	Weekly Avg - Variable	lbs/day	4/Month	Calculated	Report mass upon reissuance. Limit effective per the Chloride schedule. Report the weekly average mass Chloride result in the Chloride column of the eDMR. See Chloride Mass Limit – Non-Wet Weather and Alternative Wet Weather Mass Limit Section.
Phosphorus, Total	Monthly Avg	0.6 mg/L	3/Week	24-Hr Flow Prop Comp	This is an interim limit. See the MDV/Phosphorus subsections and phosphorus schedules of the permit.
Phosphorus, Total		lbs/month	Monthly	Calculated	Report the total monthly phosphorus discharged in lbs/month on the last day of the month on the DMR. See Standard Requirements for 'Appropriate Formulas' in the permit to calculate the Total Monthly Discharge in lbs/month.
Phosphorus, Total		lbs/yr	Annual	Calculated	Report the sum of the total monthly discharges (for the months that the MDV is in effect) for the calendar year on the Annual report form.
Phosphorus, Total	Monthly Avg	2.96 lbs/day	3/Week	Calculated	January
Phosphorus, Total	Monthly Avg	6.91 lbs/day	3/Week	Calculated	February
Phosphorus, Total	Monthly Avg	6.58 lbs/day	3/Week	Calculated	March
Phosphorus, Total	Monthly Avg	5.27 lbs/day	3/Week	Calculated	April

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
Phosphorus, Total	Monthly Avg	4.59 lbs/day	3/Week	Calculated	May
Phosphorus, Total	Monthly Avg	4.27 lbs/day	3/Week	Calculated	June
Phosphorus, Total	Monthly Avg	3.1 lbs/day	3/Week	Calculated	July
Phosphorus, Total	Monthly Avg	2.08 lbs/day	3/Week	Calculated	August
Phosphorus, Total	Monthly Avg	0.89 lbs/day	3/Week	Calculated	September
Phosphorus, Total	Monthly Avg	0.58 lbs/day	3/Week	Calculated	October
Phosphorus, Total	Monthly Avg	1.09 lbs/day	3/Week	Calculated	November
Phosphorus, Total	Monthly Avg	1.16 lbs/day	3/Week	Calculated	December
Temperature Maximum		deg F	Daily	Continuous	Monitoring only in 2029.
PFOS		ng/L	1/ 2 Months	Grab	Monitoring only. See PFOS/PFOA Minimization Plan Determination of Need schedule.
PFOA		ng/L	1/ 2 Months	Grab	Monitoring only. See PFOS/PFOA Minimization Plan Determination of Need schedule.
Nitrogen, Total Kjeldahl		mg/L	See Listed Qtr(s)	24-Hr Flow Prop Comp	Annual in rotating quarters. See Nitrogen Series Monitoring section of 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 of the permit.
Nitrogen, Total		mg/L	See Listed Qtr(s)	Calculated	Annual in rotating quarters. See Nitrogen Series Monitoring section of the permit. Total Nitrogen shall be calculated as the sum of reported values for Total Kjeldahl Nitrogen and Total Nitrite + Nitrate Nitrogen.
Chronic WET	Monthly Avg	1.1 TUC	See Listed Qtr(s)	24-Hr Flow Prop Comp	See WET section.

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.

- **Flow-** The sample frequency for flow has been changed from “continuous” to “daily” for eDMR reporting purposes.
- **BOD, TSS, Ammonia, pH, DO and TP-** Sample frequency increased.
- **Disinfection & E. coli-** At the end of the compliance schedule, Disinfection requirements and E. coli limits of 126 #/100 ml as a monthly geometric mean that may not be exceeded and 410 #/100 ml as a daily maximum that may not be exceeded more than 10 percent of the time in any calendar month will apply. Monitoring is not required until the limit becomes effective and the end of the compliance schedule.
- **Phosphorus MDV-** The permittee has applied for a multi-discharger variance (MDV) for phosphorus for this permit term and the application has been approved by the Department. An MDV interim limit of 0.6 mg/L has been added that goes into effect per a compliance schedule. The permittee is required to report the total amount of phosphorus discharged in lbs/month and lbs/year. By March 1 of each year the permittee shall make a payment(s) to participating county(s) of \$66.62 per pound of phosphorus discharged during the previous year in excess of the target value of 0.2 mg/L.
- **Temperature-** Sampling year updated to be only in 2029 for this permit term.
- **PFOS and PFOA** – Monitoring once every two months is included in the permit in accordance with s. NR 106.98(2)(c), Wis. Adm. Code.
- **Total Nitrogen Monitoring (TKN, N02+N03 and Total N)-** Annual monitoring is required in specific quarters as outlined in the permit.
- **WET-** Acute WET testing requirements removed, and Chronic WET testing added annually with a WET limit expressed as a monthly average. Permit Modification -1 corrected the monthly average limit has been added to the permit document. The IWC was corrected in the WET section of the permit.

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 20, 2025.

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. The sample frequency for BOD, TSS, Ammonia, TP were increased from 2/Week to 3/Week. Sample frequency for pH and DO increased from Weekly to 5/Week. These are the minimum sample frequencies for a facility of this type and size.

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 average and monthly average whenever practicable.

Disinfection & E. coli- Revisions to bacteria surface water quality criteria to protect recreational uses and accompanying E. coli WPDES permit implementation procedures became effective May 1, 2020.

Section NR 102.04(5)(a), Wis. Adm. Code, states that all surface waters shall be suitable for recreational use and meet the E. coli criteria established to protect this use. Section NR 102.04(5)(b), Wis. Adm. Code, states that exceptions to the disinfection requirement can be made if the department determines, in accordance with the procedures specified in s. NR

210.06(3), Wis. Adm. Code, that disinfection is not required to meet water quality criteria. As part of the reissuance process, the requirements for disinfection were reviewed under s. NR 210.06(3), Wis. Adm. Code.

It was determined that the permittee is required to meet E. coli criteria through disinfection. A schedule for compliance has been included in the permit.

Chlorine – Monitoring requirements for total residual chlorine and associated limits shall only become effective if the facility starts chlorinating for disinfection requirements.

Chloride- Effluent limits are necessary in accordance with the reasonable potential analysis, and those limits are applied during this permit term. The permit includes a compliance schedule to provide time for the permittee to complete source reduction measure to ensure compliance with the limits. Additionally, the permittee may request a reevaluation of the reasonable potential analysis after collecting additional data to determine if limits are warranted after source reduction measures are implemented. The final concentration and mass limits become effective ~~January 1, 2030~~ September 30, 2030 per the Chloride Compliance Schedule. The final compliance dates for the chloride limits were listed within the permit as several different dates. This error was corrected with permit modification -1.

Phosphorus – Phosphorus rules became effective December 1, 2010 per NR 217, Wis. Adm. Code, that required the permittee to comply with water quality based effluent limits (WQBELs) for total phosphorous. The final phosphorus WQBELs are 0.225 mg/L as a monthly average and 0.075 mg/L as a six-month average and were to become effective as scheduled unless a variance was granted. For this permit term, the permittee has applied for the Multi-Discharger Variance (MDV) for phosphorus as provided for in s. 283.16, Wis. Stats., and approved by USEPA on February 6, 2017 for a 10-year duration. The permittee qualifies for the MDV because it is an existing source and a major facility upgrade is needed to comply with the applicable phosphorus WQBELs, thereby creating a financial burden. The interim effluent limit for total phosphorus is 0.6 mg/L as an average monthly limit.

Conditions of the MDV require the permittee to optimize phosphorus removal throughout the proposed permit term, comply with interim limits and make annual payments to participating county(s) by March 1 of each year based on the pounds of phosphorus discharged during the previous year in excess of the specified target value. A reopener clause is included in the permit to address the current MDV's expiration date, as a permit action may be required to update or remove variance provisions if the MDV is altered or unavailable after February 6, 2027.

The "price per pound" value is \$50.00 adjusted for CPI annually during the first quarter as defined by s. 283.16(8)(a)2, Wis. Stats and takes effect for reissued permits with effective dates starting April 1. This may differ from the "price per pound" that is public noticed; however, the "price per pound" is set upon reissuance and is applicable for the entire permit term. The participating county(s) uses these payments to implement non-point source phosphorus control strategies at the watershed level.

TMDL (Total Maximum Daily Load) Derived Limits – Waste load allocations specified in TMDLs are expressed as WQBELs (water quality based effluent limits). The waste load allocated-derived WQBELs are consistent with the assumptions and requirements of the approved Rock River TMDL. The Rock River TMDL waste load allocations became effective in 2021 and remain in effect.

PFOS and PFOA – NR 106 Subchapter VIII – Permit Requirements for PFOS and PFOA Dischargers became effective on August 1, 2022. At the first reissuance of a WPDES permit after August 1, 2022, the new rule requires WPDES permits for municipal dischargers with an average flow rate less than 1 MGD, to be evaluated on a case-by-case basis to determine if monitoring is required pursuant to s. NR 106.98(2)(c), Wis. Adm. Code. The department evaluated the need for PFOS and PFOA monitoring taking into consideration the presence of potential PFOS or PFOA industrial wastes, remediation sites and other potential sources of PFOS or PFOA. Based on information available at the time the proposed permit was drafted, it was identified that the POTW has an indirect discharger(s) that may be a potential source of PFOS/PFOA.

Therefore, monitoring once every two months is included. A sample frequency of 1/2 months means one sample is taken during any two-month period. Examples of 1/2 month sample would be every other month (Jan, March, May, etc.) or back-to-back months with a break in between (February & March, May & June, Aug & Sept, etc.). DMR Short Forms will

be generated for the following time periods: January-February, March-April, May-June, July-August, September-October, and November-December. At a minimum one sample result will be present on each form.

The initial determination of the need for sampling shall be conducted for up to two years in order to determine if the permitted discharge has the reasonable potential to cause or contribute to an exceedance of the PFOS or PFOA standards under s. NR 102.04(8)(d)1, Wis. Adm. Code.

3 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)
006	B	Liquid	Aerobic Digestion	Injection	Land Application	21.5 (2025 permit application)
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 If yes, special monitoring and recycling conditions will be included in the permit to track any potential problems in land applying sludge from this facility						
Is a priority pollutant scan required? No , design flow is less than 5 MGD (0.45 MGD). Priority pollutant scans are required once every 10 years at facilities with design flows between 5 MGD and 40 MGD, and once every 5 years if design flow is greater than 40 MGD.						

3.1 Sample Point Number: 006- Sludge Liquids

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

Monitoring Requirements and Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	Notes
Mercury Dry Wt	Ceiling	57 mg/kg	Annual	Composite	
Mercury Dry Wt	High Quality	17 mg/kg	Annual	Composite	
Molybdenum Dry Wt	Ceiling	75 mg/kg	Annual	Composite	
Nickel Dry Wt	Ceiling	420 mg/kg	Annual	Composite	
Nickel Dry Wt	High Quality	420 mg/kg	Annual	Composite	
Selenium Dry Wt	Ceiling	100 mg/kg	Annual	Composite	
Selenium Dry Wt	High Quality	100 mg/kg	Annual	Composite	
Zinc Dry Wt	Ceiling	7,500 mg/kg	Annual	Composite	
Zinc Dry Wt	High Quality	2,800 mg/kg	Annual	Composite	
Nitrogen, Total Kjeldahl		Percent	Annual	Composite	
Nitrogen, Ammonium (NH ₄ -N) Total		Percent	Annual	Composite	
Phosphorus, Total		Percent	Annual	Composite	
Phosphorus, Water Extractable		% of Tot P	Annual	Composite	
Potassium, Total Recoverable		Percent	Annual	Composite	
PCB Total Dry Wt	Ceiling	50 mg/kg	Once	Composite	Once in 2026.
PCB Total Dry Wt	High Quality	10 mg/kg	Once	Composite	Once in 2026.
PFOA + PFOS		ug/kg	Annual	Calculated	Report the sum of PFOA and PFOS. See PFAS Permit Sections for more information.
PFAS Dry Wt			Annual	Grab	Perfluoroalkyl and Polyfluoroalkyl Substances based on updated DNR PFAS List. See PFAS Permit Sections for more information.

3.1.1 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.

PCB – Sample year updated.

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

3.1.2 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), Wis Adm. Code. Requirements for pathogens are specified in s. NR 204.07(6) and in s. NR 204.07(7), Wis. Adm. Code for vector attraction requirements. Limitations for PCBs are addressed in s. NR 204.07(3)(k), Wis. Adm Code.

PFAS- The presence and fate of PFAS in municipal and industrial sludges is an emerging public health concern. EPA is currently developing a risk assessment to determine future land application rates and expects to release this risk assessment by the end of 2024. In the interim, the department has developed the “Interim Strategy for Land Application of Biosolids and Industrial Sludges Containing PFAS.”

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.

4 Schedules

4.1 Water Quality Based Effluent Limits (WQBELs) for Chloride

The permittee shall comply with the WQBELs for Chloride as specified.

Required Action	Due Date
Annual Chloride Progress Report: Submit an annual chloride progress report. The annual chloride progress report shall: Identify sources of chloride contributions to the collection system. Indicate which chloride source reduction measures or activities have been implemented; Include an analysis of trends in weekly, monthly and annual average chloride concentrations and total mass discharge of chloride based on chloride sampling and flow data; and Include an analysis of how influent and effluent chloride varies with time and with significant loadings of chloride such as loads from industries and road salt intrusion into the collection system. Provide conclusions regarding compliance with final chloride WQBEL of 400 mg/L as a weekly and monthly average, and the weekly average variable mass loading limits.	10/01/2026
Annual Chloride Progress Report: Submit the chloride progress report as defined above.	10/01/2027
Annual Chloride Progress Report: Submit the chloride progress report as defined above.	10/01/2028
Final Chloride Report: Submit the chloride progress report as defined above.	10/01/2029
Chloride WQBELs Effective Date: The chloride WQBELs become effective (see the Surface Water Section for the Chloride WQBELs).	09/30/2030

4.1.1 Explanation of Schedule

The compliance schedule for chloride WQBELs provides a schedule for conducting source reduction measures to support compliance with those limits. The permit modification -1 corrected the final WQBEL effective date from 10/1/2030 to

9/30/2030. The final compliance date was intended to be at the end of this permit term and may not extend to the next permit term.

4.2 Phosphorus Schedule - Continued Optimization

The permittee is required to optimize performance to control phosphorus discharges per the following schedule.

Required Action	Due Date
Optimization: The permittee shall continue to implement the optimization plan as previously approved to optimize performance to control phosphorus discharges. Submit a progress report on optimizing removal of phosphorus by the Due Date.	09/30/2026
Progress Report #2: Submit a progress report on optimizing removal of phosphorus.	09/30/2027
Progress Report #3: Submit a progress report on optimizing removal of phosphorus.	09/30/2028
Progress Report #4: Submit a progress report on optimizing removal of phosphorus.	09/30/2029
Progress Report #5: Submit a progress report on optimizing removal of phosphorus.	09/30/2030

4.2.1 Explanation of Schedule

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 Disinfection and Effluent Limitations for E. coli

Required Action	Due Date
Progress Report: The permittee shall submit a progress report on development and submittal of a facility plan for upgrades to meet disinfection requirements and E. coli limits.	06/30/2026
Submit Facility Plan: 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.	04/30/2027
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 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.	03/31/2028
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.	09/30/2027
Construction Upgrade Progress Report: The permittee shall submit a progress report on construction upgrades.	09/30/2028

Complete Construction: The permittee shall complete construction of wastewater treatment system upgrades.	03/31/2030
Achieve Compliance: The permittee shall achieve compliance with final E. coli limitations.	04/30/2030

4.3.1 Explanation of Schedule

A compliance schedule is included in the permit to provide time for the permittee to submit plans and specs and install disinfection treatment for meeting effluent E. coli water quality-based effluent limits and disinfection requirements pursuant s. NR 210.06, Wis. Adm. Code.

4.4 Land Application Management Plan

A management plan is required for the land application system.

Required Action	Due Date
Land Application Management Plan Submittal: Submit an update to the management plan to optimize the land application system performance and demonstrate compliance with ch. NR 204, Wis. Adm. Code, by the Due Date. This management plan shall 1) specify information on pretreatment processes (if any); 2) identify land application sites; 3) describe site limitations; 4) address vegetative cover management and removal; 5) specify availability of storage; 6) describe the type of transporting and spreading vehicle(s); 7) specify monitoring procedures; 8) track site loading; 9) address contingency plans for adverse weather and odor/nuisance abatement; and 10) include any other pertinent information. Once approved, all landspreading 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.	10/01/2026

4.4.1 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

Other Comments

None

Attachments

Water Quality Based Effluent Limits dated 6/7/2025

MDV Conditional Approval Letter dated 6/6/2024

MDV Checklist dated 6/6/2024

Justification Of Any Waivers From Permit Application Requirements

No waivers requested or granted as part of this permit reissuance

Prepared By:

Jennifer Jerich – Wastewater Specialist

Date: 7/17/2025

Revision date post fact check: 8/8/2025, editorial changes made for clarity.

Revision date post public notice: 9/26/2025

Permit Modification Date: 9/30/2026