



SEWER AND WATER UTILITIES COMMITTEE SPECIAL MEETING AGENDA

Tuesday, October 13, 2026 at 1:00 P.M.

Sister Bay Wastewater Treatment Plant, 2124 Autumn Ct., Conference Room

To access the meeting electronically, click:

<https://zoom.us/j/4439901723?pwd=yAVpi40M1OlqgNufcVUE8XWCUSkKaH.1&omn=97063638580>

Meeting ID: 443 990 1723, Passcode: 304078, Connect by phone: 1-301-715-8592, Meeting ID 443 990 1723#

For additional information check: <http://www.sisterbaywi.gov>

AGENDA

1. Call Meeting to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes of the August 25, 2026, Meeting, as Published
5. Comments, Correspondence and Concerns from the Public
6. Discussion/Action Items:
 - a) Sewer Rate Study RFP
 - b) WPDES PFAS General Permit Discussion
 - c) Facilities Study Discussion
 - d) Wastewater Treatment Plant Operations Report
7. Matters to be placed on a future agenda or referred to a committee, official, or employee
8. Adjournment

Public Notice

Questions regarding the nature of the Agenda items or more detail on the items listed can be directed to Megan Barnes, Utilities Director, at megan.barnes@sisterbaywi.gov. It is possible that members of and possibly a quorum of members of other governmental bodies may attend the meeting to gather information; no action will be taken by any governmental body other than the body specifically referred to above. Upon reasonable notice, a good faith effort will be made to accommodate the needs of disabled individuals through sign language interpreters or other auxiliary aid or accommodation at no cost to the individual. Due to the difficulty in finding interpreters, requests should be made as far in advance as possible, preferably a minimum of 48 hours. For additional information or to request this service, contact the Sister Bay Village Administration Office at 854-4118, (FAX) 854-9637, or by writing to the Village Administration Building, 2383 Maple Drive, PO Box 769, Sister Bay, WI 54234. Copies of reports and other supporting documentation are available for review at the Village Administration Building during operating hours (8 a.m. – 4 p.m. Monday – Thursday and 8 a.m.-12 p.m. Friday).

The Village of Sister Bay is an Equal Opportunity Provider and Employer.

POSTED DATE/SIGNATURE _____

Sewer and Water Utilities Committee Special Meeting Minutes
Tuesday, August 25, 2026 at 1:00 P.M.
Sister Bay Wastewater Treatment Plant- 2124 Autumn Court
and Video Conference
(Unapproved Version)

1. Call Meeting to Order

Chairperson Nate Bell called the Sewer and Water Utilities meeting to order on Tuesday, August 25, 2026, at 1:00 PM.

2. Roll Call

A roll call was conducted, with the following members present: Chairperson Nate Bell and member Steven Bacsí

Staff present: Utilities Director Megan Barnes, Village Administrator Ben Andrews, Treasurer Vlad Gannik and Utilities Clerk Kara Kroll

3. Approval of Agenda

The agenda was approved as amended, with the removal of item 6a (Sewer Rate Study RFP).

Motion by Bell, second by Bacsí to approve the amended agenda. Motion carried – all ayes.

4. Approval of Minutes of the July 14, 2026 Meeting, As Published

Motion by Bell, second by Bacsí to approve the minutes of the July 14, 2026 meeting as presented.

Motion carried – all ayes.

5. Comments, Correspondence and Concerns from the Public

There were no members of the public present and no correspondence to report.

6. Discussion/Action Items

a. Sewer Rate Study RFP

This item was removed from the agenda. It was noted for placement on the October meeting agenda.

b. Water Rate Study-Simplified Or Conventional

Utilities Director Megan Barnes reported that the day following the previous meeting's discussion of a conventional rate case, the Public Service Commission (PSC) issued a notice that the Village qualifies for the Simplified Rate Case (SRC) approach, which would apply a 3% inflationary increase to water rates. Director Barnes recommended the SRC as it requires significantly less staff time and eliminates the need to hire an outside consultant, while still accomplishing the necessary rate adjustment. The last conventional rate case was conducted in 2018. The committee concurred that the simplified

approach was the appropriate path forward, as rates have not been adjusted since 2018 and the inflationary increase is sufficient to cover rising operational costs. If approved, new rates would take effect approximately January 1, 2027, as the PSC requires 45 or more days after application submission.

Motion to recommend to the Village Board to proceed with the Simplified Rate Case for water rates was made by Bell and seconded by Bacsí. The motion carried – all ayes.

c. 2027 Water, Wastewater And Collection Budget Review

Director Barnes presented a budget review comparing 2025 actuals, mid-year 2026 actuals, and the proposed 2027 budget across the water, wastewater, and collection funds. The water fund projected approximately \$35,000 in positive net revenue assuming the 3% rate increase. The wastewater fund projected approximately \$160,000 positive. The collection fund budget was noted as skewed due to the inclusion of a \$1,000,000–\$1,500,000 capital improvement for a potential lift station and sanitary sewer extension on Highway 57, the financing of which remains undetermined pending coordination between the Village and a developer. The committee voted to forward the budget to the Finance Committee.

Motion to forward the 2027 budget review to the Finance Committee was made by Bacsí and seconded by Bell. The motion carried – all ayes.

d. 2016 Chevrolet Silverado-Surplus Property

The 2016 Chevrolet Silverado was previously declared surplus property by the Village Board and directed to this committee for disposition. Director Barnes recommended listing the vehicle on the Wisconsin Surplus auction site with a minimum asking price of approximately \$10,000, noting the truck is all-wheel drive and in good working condition. Treasurer Vlad Gannik recommended first consulting Kelley Blue Book to verify the minimum price is appropriate. Director Barnes agreed to check the value before listing. No formal motion was required, as the committee determined this was an oversight matter rather than a policy decision.

e. Cybersecurity Discussion

There was discussion between the committee members and Director Barnes on cybersecurity.

f. Wastewater Treatment Plant Operations Report

Director Barnes presented the operational report. Notable highlights included that operators Blok and Oakdale both passed their waterworks operator certifications, making all facility operators dual-certified in both wastewater and water operations. Operator Nelson also received an additional subclass certification for total phosphorus removal.

A question was raised regarding the July 2026 BOD (Biochemical Oxygen Demand) influent reading and Director Barnes agreed to revise the capacity report format to present a consolidated Sister Bay capacity ratio and to add effluent data for greater public clarity.

7. Matters to be placed on a future agenda or referred to a committee, official, or employee

The following item was identified for future action:

- Sewer Rate Study RFP

8. Adjournment

Motion by Bell, second by Bacsí to adjourn at 1:39 PM. Motion carried – all ayes.

The next meeting of the Sewer and Water Committee will be conducted at 1:00 P.M. on Tuesday October 13, 2026 at the Sister Bay Wastewater Treatment Plant - 2124 Autumn Court and via Video Conference.

Respectfully Submitted,

Kara Kroll
Utilities Clerk



STAFF REPORT

Date: October 13, 2026

To: Sewer and Water Utility Committee

Re: Sewer Rate Study Request for Proposals

Author(s): Megan Barnes, Utilities Director

Action(s) Requested: ☐ Ordinance ☐ Resolution ☒ Motion ☒ Receive/File

POLICY ISSUE(S)

“Should the Sewer and Water Utilities Committee recommend to the Village Board for approval the Sewer Rate Study Request for Proposals (RFP)”

BACKGROUND INFORMATION

The Village’s last sewer rate study was performed in 2024, with the rates being approved by the Village Board on December 17, 2024, and becoming effective January 1, 2025.

It is proposed to release the RFP on October 21, 2026, with a due date for submitted proposals on November 9, 2027. With the proposed rates becoming effective January 1, 2027.

RECOMMENDED ACTION(S)

Village staff recommends that the Sewer Rate Study RFP be recommended to the Village Board for approval.

If the Village Board were in favor of this policy action, the following motion may be made:

“I move to recommend the Sewer Rate Study Request for Proposals to the Village Board for approval.”

POLICY ALTERNATIVE(S)

The Village Board could take the following actions:

- Approve with modifications.
“I move to recommend the Sewer Rate Study Request for Proposals to the Village Board for approval with the modification of [List Modification Sought].”
- Deny
“I move to reject the Sewer Rate Study Request for Proposals and take no further action at this time.”
- Table
“I move to postpone action on the Sewer Rate Study Request for Proposals and direct staff to return to the SWUC with additional information regarding [List Information Sought] at a future meeting.”

ATTACHMENT(S)

1. Sewer Rate Study Request for Proposals

REQUEST FOR PROPOSALS

SEWER RATE STUDY SISTER BAY, WIS.

DATE ISSUED

October 21, 2026

PROPOSAL DUE DATE AND TIME

November 9, 2026, 3:45 pm CST



REQUEST FOR PROPOSALS SEWER RATE STUDY SERVICES

SUBMISSION DEADLINE: November 9, 2026, by 3:45 PM, submitted to the Village of Sister Bay Administrative Office located at 2383 Maple Dr., PO Box 769, Sister Bay, WI 54234, or electronically (PDF) to administrator@sisterbaywi.gov. It shall be the responsibility of the proposer to ensure their submission was received.

Direct all questions concerning this solicitation to Benjamin Andrews, Village Administrator, at administrator@sisterbaywi.gov. Staff will answer all questions to the best of their ability and post them to the Village website to ensure all proposers have access to the same information. Visit www.sisterbaywi.gov and scroll to the bottom of the home page.

PROJECT DESCRIPTION: The Village of Sister Bay ("Village") is soliciting proposals from qualified and licensed consultants to provide sewer rate study services in 2027. Sister Bay is a community of roughly 1,148 people situated on the northwestern shore of the Door Peninsula in Door County, Wisconsin. The Village lies adjacent to the Bay of Green Bay and the Town of Liberty Grove and is located approximately 30 miles north of the City of Sturgeon Bay and 75 miles northeast of the City of Green Bay. The Sister Bay Sewer Utility has approximately 1,526 active service connections. The Utility serves customers located in the Village of Sister Bay, as well as customers in the Liberty Grove Utility District No. 1, including 214 commercial users and no industrial users. Charges for service are user fees (or rates) for the services provided to each customer. The Village bills customers quarterly for services rendered, including a service charge based on the size of the installed water meter and a volumetric rate based on usage. The last sewer rate study was completed in 2024, effective January 1, 2025.

OVERVIEW/SOLICITATION: The Village of Sister Bay is seeking proposals from qualified and licensed consultants to prepare our 2026 sewer rate study to be effective January 1, 2027. Quality and accuracy are paramount and are critical to establishing the rates. Acknowledging publication and notification deadlines, time is of the essence.

I. Instruction to Proposers

- All respondents (proposers) must submit contact information including: Business name, contact person, corporate ownership, address, phone number, email address, and website.
- All costs associated with submission of this Request for Proposals are the sole responsibility of the respondent.
- All submissions are considered public records, and as such, may be searched for or requested by members of the public.
- The Village of Sister Bay offers no guarantee of financial success to the respondent(s), and respondents should use their own business acumen to determine if they are endeavoring in a financially viable enterprise.
- This is a Request for Proposals, not an invitation to bid. Responses will be evaluated

on the basis of the relative merits of the proposal.

II. Submission Materials

The following should be incorporated into each submission:

Format: Electronic submissions preferred (PDF).

General Information. Business name, contact person, corporate ownership, address, phone number, contact person's email address, website, and insurance information. Please include a narrative introducing the company, its history of operation, relevant staff, total number employed, and capacity to service the Village.

Project Proposal. At a minimum, provide information on approach, services, ideas, costs, and timeline.

Prior Experience. A narrative explaining prior experience with rate studies, as well as examples.

References. A minimum of three municipal or utility references are required.

III. Evaluation and Selection

Evaluation Process

The Village has established a proposal evaluation instrument which measures objective criteria on a weighted basis on a scale of 0-5 for each rating category. The Sewer and Water Utility Committee's average score will be evaluated against the average scores from other submissions to determine whom to award a contract.

Selection Criteria

The following are the criteria used as rating categories:

1. Qualifications
2. Knowledge of State and Federal applicable laws
3. Experience
4. Level of Understanding of the Need Identified
5. References
6. Cost

If at any point in the review process, any proposal found to be substantially non-responsive will be dropped from further consideration.

The Village, at its sole discretion, may require presentations by respondents clearly in consideration for award. Other submissions, certifications, or affirmations may be required, as appropriate.

IV. Award

Upon final selection, the Village will notify all respondents by email.

The Village reserves the right to accept or reject any or all responses, to award on the basis of merit or cost alone, and to act in its best interests and the interests of the public.

The Village reserves the right to make an award or to reject any or all proposals based on what it considers to be its best interests. A contract will be required to effectuate service.

V. Administrative Contact

Name: Benjamin Andrews

Title: Village Administrator

E-Mail: administrator@sisterbaywi.gov

Mailing Address: 2383 Maple Dr., PO Box 769, Sister Bay, WI 54234



STAFF REPORT

Date: October 13, 2026

To: Sewer and Water Utility Committee

Re: WPDES General Permit-PFAS

Author(s): Megan Barnes, Utilities Director

Action(s) Requested: ☐ Ordinance ☐ Resolution ☐ Motion ☒ Receive/File

BACKGROUND INFORMATION

In 2024, the Village received notice from Sturgeon Bay Utilities (SBU) that their WWTP facility would be undergoing a large-scale biosolids treatment train upgrade in 2025. Due to the upgrade, the SBU facility would not be able to accept sludge from any of the northern door communities for the entire year of 2025, due to them only having the capacity to treat their own sludge produced once the upgrade started. NEW Water in Green Bay agreed to accept the sludge produced by Sister Bay for 2025, with the intent that the acceptance would be temporary, not indefinite.

In 2024, the Wisconsin Department of Natural Resources published a Guidance Document for PFAS in Biosolids. The Village proactively sampled the sludge for PFAS in December 2024.

In December of 2025, the Village was notified by SBU that as part of the renewal of their Wisconsin Pollutant Discharge Elimination System (WPDES) Permit, the Department would be imposing additional limitations on discharge pollutants governing perfluorooctanoic acid (PFOA) and perfluorooctanoic sulfonic acid (PFOS). To meet the WPDES requirements, SBU will be required to monitor and sample all facility contributors. As a significant biosolids contributor to the SBU WWTP, annual monitoring, testing, and reporting of perfluoroalkyl and polyfluoroalkyl compounds (PFAS), including PFOS compounds are required as part of the ongoing acceptance of the Village's municipal sludge.

The Village again proactively sampled the sludge for PFAS in April of 2025.

In 2026, two sludge samples have been submitted for PFAS analysis. The first sample was required by SBU and the second sample was a new requirement imposed due to the WPDES General Permit being applied to the WWTP. The results of all of the sludge PFAS analysis results are detailed in the table below:

Sample Date	PFOA (ng/g)	PFOS (ng/g)	Combined PFOA + PFOS (ng/g)
12/10/2024	22.0	25.9	47.9
04/21/2025	16.2	21.3	37.5
03/09/2026	15.4	21.9	37.3
07/27/2026	16.4	28.5	44.9

Since the results from the sample taken on July 27, 2026, were required as part of the WPDES General Permit, the results were reported to the DNR. Since the combined PFOS and PFOA were above 20 ug/kg, we must retest within 90 days. If the retest is also over the 20 ug/kg threshold, the results will be defined as a Tier 2 exceedance in the 2026 Interim Strategy for Land Application of Biosolids and Industrial Sludges Containing PFAS.

Tier 2 Exceedance: PFOA + PFOS above 20 ug/kg (ppb) and at or less than 50 ug/kg (ppb)

Steps required if retest comes in as Tier 2 Exceedance:

- *Notify the property owner/farmer of the results (we do not land apply ourselves so we would currently notify the facility accepting our sludge for further processing of the results.)*
- *Begin to monitor WWTP effluent discharges for PFAS within 30 days. Report the results to the DNR.*
- *Create and implement a PFAS source identification and reduction plan.*
- *If PFOA is greater than 20 ug/kg (ppb), notify the department and reduce application rate by 1.5 dry tons per acre or propose an alternative risk mitigation strategy for approval from the department to land apply.*
- *The department will modify the facilities WPDES permit to incorporate numeric limits or conditions to address PFAS in biosolids.*

ATTACHMENT(S)

- 1. PFAS Monitoring for Sewage Sludge Generators General Permit Signed 20260628**
- 2. Wisconsin Interim PFAS Biosolids and Industrial Sludge Strategy**



WPDES PERMIT

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

GENERAL PERMIT TO DISCHARGE UNDER THE WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of Chapter 283, Wisconsin Statutes, any facility engaged
in

PFAS MONITORING FOR SEWAGE SLUDGE (BIOSOLIDS) GENERATORS

located in the State of Wisconsin and meeting the applicability criteria listed in this General Permit, is permitted to discharge sewage sludge to approved land application sites or other approved distribution/disposal methods in the state of Wisconsin in accordance with the reporting requirements and other conditions set forth in this general permit.

State of Wisconsin Department of Natural Resources (hereafter department)

For the Secretary

By Adrian Stocks

Adrian Stocks (Director, Bureau of Water Quality)

6/28/2026

_____ Date Permit Signed/Issued

PERMIT TERM: EFFECTIVE DATE – July 1, 2026

EXPIRATION DATE – June 30, 2031

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1 Requirements of 2025 Act 201

On April 6, 2026, 2025 Act 201 was enacted creating s. 283.82(4), Wis. Stats., which directed the department to issue a Wisconsin Pollution Discharge Elimination System (WPDES) general permit (GP) requiring perfluoroalkyl and polyfluoroalkyl substances (PFAS) monitoring conditions for sewage sludge. This GP applies to all sewage sludge generators with valid WPDES individual permits that do not have limitations or conditions addressing PFAS.

In addition, s. 283.82(4)(b), Wis. Stats. requires the department to modify a WPDES individual permit (IP) assigned to a sewage sludge generator if sample results conducted under the GP exceed a 20 µg/kg concentration for perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) combined.

If the average of at least two sample results exceeds 20 µg/kg concentration for PFOA+PFOS combined, the department shall include limitations and conditions for PFAS in the reissued WPDES IP.

The department created WPDES GP (WI-0012345-01-0) to cover sewage sludge generators (generators) which do not have PFAS conditions in the WPDES IP assigned to the generator. A sewage sludge generator is no longer eligible for coverage under this GP upon modification or reissuance of the generator's WPDES IP assigned to include PFAS monitoring and conditions.

2 Applicability Criteria

2.1 Definitions and Responsibility

Section NR 204.03(55), Wis. Adm. Code defines “sewage sludge” or “sludge” or “biosolids” as “the solid, semi-solid or liquid residue generated during the treatment of domestic sewage in a treatment works. Sewage sludge includes scum or solids removed in primary; secondary or advanced wastewater treatment processes and material derived from sewage sludge. Sewage sludge does not include ash generated during the firing of a sewage sludge incinerator or grit and screenings generated during preliminary treatment of domestic sewage in a treatment works.”

Section NR 204.03(24), Wis. Adm. Code defines “generator” as “either the person who generates or prepares sludge during the treatment of domestic sewage in a treatment works or the person who derives a material from sludge or the person who changes the sludge characteristics either through treatment, mixing or any other process.”

Section NR 204.09(41), Wis. Adm. Code defines “person” as “an individual, owner, operator, association, partnership, corporation, municipality, interstate agency, state agency or federal agency.”

Section NR 204.03(19), Wis. Adm. Code defines “exceptional quality sludge” (EQ) as “sludge that meets the class A requirements for pathogens, as specified in s. NR 204.07(6)(a), Wis. Adm. Code, the high-quality pollutant concentrations, as specified in s. NR 204.07(5)(c), Wis. Adm. Code, and one of the pre-land application processes to reduce vector attraction, as specified in s. NR 204.07(7)(a) to (i), Wis. Adm. Code.”

Section NR 204.02(2), Wis. Adm. Code explains sewage sludge generators responsibility for land application and disposal of sewage sludge, specifically:

“RESPONSIBILITY: A facility that generates sludge is ultimately responsible for the handling, transporting, storage and land application or disposal of the sludge and grit and screenings. A generator is responsible for compliance with its WPDES permit and all applicable provisions of this chapter. In the event a generator sends its sludge to another person for final land application or disposal and that person alters the characteristics of the sludge by mixing it with other wastes or substances or by treating it in some other manner, then the person who receives the sludge shall also be considered a generator and shall assume primary responsibility for compliance with this chapter. If a generator gives the sludge to another person to land apply, but that person does not alter the characteristics of the sludge, then that person is also responsible for complying with applicable provisions in this chapter, such as the land management practices specified in s. NR 204.07, Wis. Adm. Code.”

Section NR 204.05(2)(a), Wis. Adm. Code, specifies WPDES permit requirements when sewage sludge is sent to another facility for treatment or storage, specifically:

“If a treatment works sends its sludge to another treatment or storage facility for final treatment prior to land application, and at that facility, the sludge is mixed with other materials such as, but not limited to another municipal sludge, industrial sludge, animal manure or septage, or if the characteristics of the sludge are altered in any other manner, the owner of the receiving facility shall apply for a separate WPDES permit and shall assume primary responsibility for compliance with this chapter.”

2.2 Sewage Sludge Generators Covered

This WPDES GP is applicable to any generator of sewage sludge (or “sludge” or “biosolids”) that do not currently have PFAS monitoring conditions in their WPDES IP. This GP applies to the following sewage sludge generators:

1. Sewage sludge generators that produce Exceptional Quality (EQ) sewage sludge and do not currently have PFAS monitoring conditions required in the WPDES IP assigned to the generator. The GP applies to all EQ generators that meet any of the following conditions:
 - a. Sell or give sewage sludge away in a bag;
 - b. Sell or give sewage sludge away in bulk;
 - c. Direct land apply sewage sludge by staff of the generator;
 - d. Transfer sewage sludge to a designated non-WPDES permitted contract hauler for direct land application under the WPDES IP assigned to the generator (reference: s. NR 204.05(3), Wis. Adm. Code);
 - e. Transfer sewage sludge to a designated WPDES IP contract hauler for direct land application under the WPDES IP assigned to the generator;
 - f. Produce non-EQ sewage sludge during unanticipated cleanouts due to facility repairs, maintenance, or similar;
 - g. Produce non-EQ sewage sludge when pathogen densities and treatment processes and/or vector attraction reduction treatment processes do not meet EQ standards;
Note: Sewage sludge that does not meet EQ standards is non-EQ, or Class B, sewage sludge.
 - h. Transfer sewage sludge to another WPDES IP wastewater treatment facility (WWTF), WPDES IP contract hauler, licensed incinerator, licensed landfill for further treatment, land application, or disposal.

PFAS Monitoring for Sewage Sludge (Biosolids) Generators

2. Sewage sludge generators producing a non-EQ sludge (commonly known as Class B sludge) and do not currently have PFAS monitoring conditions required in the WPDES IP assigned to the generator. The GP applies to all non-EQ generators that meet any of the following conditions:
 - a. Sell or give sewage sludge away in a bag;
 - b. Sell or give sewage sludge away in bulk;
 - c. Direct land apply sewage sludge by the staff of the generator;
 - d. Transfer sewage sludge to a designated non-WPDES permitted contract hauler for direct land application under the WPDES IP assigned to the generator (reference: s. NR 204.05(3), Wis. Adm. Code);
 - e. Transfer sewage sludge to a designated WPDES IP contract hauler for direct land application under the WPDES IP assigned to the generator;
 - f. Produce sewage sludge during unanticipated cleanouts due to facility repairs, maintenance or similar;
 - g. Transfer sewage sludge to another WPDES IP WWTF, WPDES IP contract hauler, licensed incinerator, licensed landfill for further treatment, land application, or disposal.
3. Sewage sludge generators located outside of the state of Wisconsin that generate a non-EQ sewage sludge, land apply sewage sludge in Wisconsin, and do not currently have PFAS sampling requirements in the WPDES IP assigned to the generator (reference: s. NR 204.05(4), Wis. Adm. Code).
4. Centralized septage treatment facilities which accept septage from multiple sources and treat septage prior to discharge or disposal (reference: s. NR 204.03(11), Wis. Adm. Code).
5. WPDES IP contract haulers or other persons that store and mix sewage sludges or mix sewage sludges with other materials are considered sludge generators pursuant to s. NR 204.02(2), Wis. Adm. Code. The GP shall be required when these haulers or persons land apply sewage sludge and do not have PFAS sampling required in the person's WPDES IP. The GP applies to all WPDES IP contract haulers that meet any of the following conditions including but not limited to:
 - a. Mixing sewage sludges together within storage units;
 - b. Mixing sewage sludge with septage wastes (ch. NR 113, Wis. Adm. Code) within storage units;
 - c. Mixing sewage sludge with industrial wastes (ch. NR 214, Wis. Adm. Code) within storage units;
 - d. Mixing sewage sludge with septage and industrial wastes within storage units;

PFAS Monitoring for Sewage Sludge (Biosolids) Generators

- e. Combining wastes from different storage units together under a WPDES permitted sample point (Outfall) and at least one storage unit contains sewage sludge.

2.3 Alternative Uses of Sewage Sludge

Alternative uses of sewage sludge such as land application on sod farms, nurseries, Christmas tree plantations, mined land reclamation sites, restoration of construction sites or other drastically disturbed sites, research plots, highway right-of-ways and medians, fallow lands, set-aside lands as covered by the Acreage Conservation Reserve (ACR) program, final cover at landfills and use in building materials may not be conducted unless department approval is obtained pursuant to s. NR 204.09, Wis. Adm. Code. The department may provide coverage under this GP or require the modification of the WDPES IP assigned to the generator (including PFAS monitoring conditions) for these alternative uses.

2.4 Activities and Wastes Not Covered

This WPDES GP is not applicable to facilities, activities, and wastes that meet any of the following conditions:

1. Facilities that generate EQ sewage sludge and have PFAS monitoring requirements for sewage sludge in the WPDES IP assigned to the generator (s. 283.82(4), Wis. Stats.);
2. Facilities that generate non-EQ sewage sludge and have PFAS monitoring requirements for sewage sludge in the WPDES IP assigned to the generator (s. 283.82(4), Wis. Stats.);
3. Sewage sludge does not include ash generated during the firing of a sewage sludge incinerator or grit and screenings generated during preliminary treatment of domestic sewage in a treatment works (reference s. NR 204.03(55), Wis. Adm. Code);
4. Bagged EQ sewage sludge originating from outside the State of Wisconsin pursuant to s. NR 204.04(1), Wis. Adm. Code;

Note: A WPDES permit is not required for imported bulk or bagged EQ sewage sludge generated outside the State of Wisconsin, but submitting a sludge management plan is required of the person responsible for importing bulk EQ sludge;

5. Landspreading of industrial liquid wastes, industrial sludges, and industrial by-product solids regulated under ch. NR 214, Wis. Adm. Code;
6. Land application of septage (examples: contents of septic tanks, holding tanks, sanitary grease interceptors, and portable restrooms) by a licensed septage business regulated under ch. NR 113, Wis. Adm. Code;
7. Facilities that temporarily store and land apply septage under s. NR 113.12, Wis. Adm. Code, including septage storage facilities regulated under the "Storage of Domestic Septage" WPDES general permit (permit number WI-0066435);

PFAS Monitoring for Sewage Sludge (Biosolids) Generators

8. WPDES permitted contractors that temporarily store, mix, and landspread industrial wastes (regulated under ch. NR 214, Wis. Adm. Code);
9. WPDES permitted contractors that temporarily store, mix, and landspread septage (ch. NR 113, Wis. Adm. Code) with industrial (ch. NR 214, Wis. Adm. Code) wastes.
10. Septage removed from the primary treatment tank(s) of a recirculating sand filter treatment process or similar process, and then land applied and disposed under ch. NR 113, Wis. Adm. Code;
11. Land application of manure regulated under chs. NR 151 and/or NR 243, Wis. Adm. Code;
12. Land application of sludge generated from drinking water treatment (reference: s. NR 204.02(1)(b), Wis. Adm. Code);

3 Sewage Sludge Sample Point Outfall Monitoring Specifics

This WPDES GP has been developed as a supplemental permit for all applicable WPDES IP sewage sludge generators. Generators shall refer to the sewage sludge Outfalls designated under the WPDES IP. PFAS monitoring data shall be recorded on Characteristic Reports (Form 3400-49) under the Switchboard account of the WPDES IP sewage sludge generator.

3.1 Sewage Sludge Outfalls: General

Most sewage sludge WPDES IPs have one or two sewage sludge sample point Outfalls to discharge sludge. Some sewage sludge WPDES IPs have additional Outfalls to accommodate EQ sewage sludge treatment processes along with pre- and post- processes necessary for the EQ sewage sludge treatment process.

Typical sewage sludge discharge is from one primary sample point or Outfall. In most cases, the annual PFAS monitoring will be performed at a single Outfall. However, annual PFAS monitoring is required from all sewage sludge Outfalls when sewage sludge is discharged from those Outfalls during the calendar year.

Sections 3.2 and 3.3 outline the procedures or situations where PFAS monitoring conditions would apply to sewage sludge Outfalls.

3.2 WPDES IPs with Single Sewage Sludge Outfalls

Generators with a single sewage sludge Outfall identified in the WPDES IP shall monitor that sewage sludge Outfall pursuant to Sections 4, 5, and 6 of this WPDES GP. Annual PFAS monitoring is required from a sewage sludge sample point Outfall when sewage sludge is discharged from those Outfalls during the calendar year.

3.3 WPDES IPs with Multiple Sewage Sludge Outfalls

Generators may discharge sewage sludge via multiple Outfalls identified in the WPDES IP assigned to the generator. In many cases, all required PFAS monitoring will be performed at a single Outfall only when sewage sludge is discharged from that Outfall.

When sewage sludge is discharged from multiple Outfalls in a calendar year, PFAS monitoring is required from each of the Outfalls that discharge occurred.

Many WPDES IP have Outfalls where discharges do not routinely occur (example: a lagoon facility may discharge sewage sludge once per 20 years). These infrequently used Outfalls provide flexibility in the WPDES IP for using dormant, inactive or emergency Outfalls. The generator must contact the department to report PFAS monitoring results if there is a discharge from a dormant, inactive, or emergency Outfall.

3.4 WPDES IPs without a Sewage Sludge Outfall

In some unique situations, a WPDES IP may not include a sewage sludge discharge Outfall. These unique situations may include, but are not limited to, generators that infrequently discharge (example: once per 20 years) or generators that discharge sludge to another facility for treatment and that treatment facility has a WPDES IP.

Generators shall notify the assigned department compliance staff within 90 days if the generator intends to discharge sewage sludge from a location that has not been covered as a sample point (Outfall) under the assigned WPDES IP. The department may provide coverage under this GP or require the modification of the WPDES IP assigned to the generator to include PFAS monitoring conditions.

4 PFAS Monitoring Requirements for Sewage Sludge Generators

The following requirements shall apply to all EQ and non-EQ sewage sludge generators covered under this GP except those that apply under Sections 5 and 6.

4.1 Sampling Point(s)

Sampling Point Designation
Monitoring shall occur at all sewage sludge sample point Outfalls prior to discharge of sewage sludge via land application, distribution to other WPDES permitted facilities, or disposal at licensed incinerator or licensed landfill. The generator shall refer to the WPDES IP for the appropriate Outfall identification number(s) needed to complete the electronic Characteristic Report (Form 3400-49).
Note: This section does not apply to WPDES permitted contract haulers, facilities with lagoon treatment processes, and facilities with reedbed treatment processes.

4.1.1 Land Application of Sludge Containing PFAS

The sewage sludge generator shall monitor PFAS concentrations in the sewage sludge prior to the sewage sludge being discharged from all Outfalls. The department recommends the land application of sewage sludge be completed in a manner consistent with the most recent version of the ["Interim Strategy for Land Application of Biosolids and Industrial Sludges containing PFAS"](https://dnr.wisconsin.gov/sites/default/files/topic/PFAS/PFAS_BiosolidsInterimStrategy.pdf) (https://dnr.wisconsin.gov/sites/default/files/topic/PFAS/PFAS_BiosolidsInterimStrategy.pdf).

Note: The department intends to periodically review and update this interim strategy.

4.1.2 Monitoring Requirements

The generator shall comply with the following monitoring requirements.

Parameter	Units	Sample Frequency	Sample Type	Notes
Solids, Total	Percent	Annual	Composite	
PFOA + PFOS	µg /kg	Annual	Calculated	Report the sum of PFOA and PFOS. Results greater than 20 µg/kg. See Section 4.4
PFAS Dry Wt.	µg/kg	Annual	Composite	See Section 7.1 for Perfluoroalkyl and Polyfluoroalkyl substances.

4.2 PFAS Monitoring Frequencies

4.2.1 All Sewage Sludge Generators: PFAS Monitoring Requirements Between July 1, 2026 and June 30, 2027

Each sewage sludge generator granted coverage under this GP shall conduct PFAS monitoring for all sewage sludge Outfalls in which sludge is discharged between July 1, 2026, and June 30, 2027.

4.2.2 Minor Sewage Sludge Generators: PFAS Monitoring 2026 & Subsequent Years

Each sewage sludge generator classified as a minor municipal discharge shall:

1. Conduct PFAS sewage sludge monitoring from each sewage sludge Outfall from which sewage sludge is discharged between July 1, 2026, and June 30, 2027.

Note: Additional PFAS monitoring is required if the generator utilizes additional unanticipated Outfalls. The generator may need to request additional Characteristic Reports (Form 3400-49). See Section 4.3 for additional information.

2. Conduct annual PFAS sewage sludge monitoring at each sewage sludge Outfall from which sewage sludge is discharged in subsequent calendar years beginning January 1, 2027, and until sewage sludge generator is issued a WPDES IP with PFAS monitoring requirements.

Note: The reissued WPDES IP may contain more stringent PFAS monitoring requirements as needed.

4.2.3 Major Sewage Sludge Generators: PFAS Monitoring Requirements 2026 & Subsequent Years

Each sewage sludge generator granted coverage under this GP and classified as a major municipal discharge shall:

1. Conduct PFAS sewage sludge monitoring prior to December 31, 2026, for each Outfall from which sewage sludge is discharged between July 1, 2026, and December 31, 2026.

Note: Additional PFAS monitoring is required if the generator utilizes additional unanticipated Outfalls. The generator may need to request additional Characteristic Reports (Form 3400-49). See Section 4.3 for additional information.

2. Continue annual PFAS sewage sludge monitoring from each Outfall from which sewage sludge is discharged in subsequent calendar years beginning January 1, 2027, and until the sewage sludge generator is issued a WPDES IP with PFAS monitoring requirements.

PFAS Monitoring for Sewage Sludge (Biosolids) Generators

Note: The reissued WPDES IP may contain more stringent PFAS monitoring requirements as needed.

4.3 Reporting PFAS Monitoring

When the sewage sludge generator is required to monitor PFAS from unanticipated Outfalls the generator shall contact the assigned department compliance staff for additional Characteristic Reports (Form 3400-49).

4.3.1 Reporting 2026 PFAS Monitoring Results

The 2026 PFAS sewage sludge laboratory reports shall be provided (by email) within 14 days of receipt of laboratory results to both:

1. DNRWYPFASSludgeMonitoring@wisconsin.gov
2. Assigned department compliance staff for the corresponding WPDES IP for the sewage sludge generator.

4.3.2 Reporting 2027 and Subsequent Years PFAS Monitoring Results

Annual Characteristic Reports (Form 3400-49): The reports for the PFAS monitoring results will be created for sewage sludge generators that have coverage under this GP. These forms will be created for 2027 and subsequent years. Sewage sludge generators shall complete the appropriate Characteristic Reports (Form 3400-49).

Laboratory reports: Laboratory results shall be provided (by email) to both:

1. DNRWYPFASSludgeMonitoring@wisconsin.gov
2. Assigned department compliance staff for the corresponding WPDES IP for the sewage sludge generator.

4.3.3 Reporting PFOA + PFOS Concentrations That Exceed 20 µg/kg

Subsequent monitoring will continue annually unless the sum of the PFOA and PFOS concentration value exceeds 20 µg/kg. If the sum of the PFOA and PFOS is above 20 µg/kg concentration value for any sampling event, the generator shall:

1. Notify the assigned department compliance staff within 5 business days of receiving the sample results.
2. Certify the monitoring data to the department via electronic Characteristic Report (Form 3400-49) within 14 days.
3. If the laboratory results list a value that exceeds 20 µg/kg the generator shall within 90 days of receiving the initial laboratory results shall collect a new sample and retest the sewage sludge.

PFAS Monitoring for Sewage Sludge (Biosolids) Generators

4. Report the second sample results within 14 days of receipt of the laboratory results. The generator may need to contact the assigned department compliance staff to create an additional Characteristic Report.

The department will initiate modification of the WPDES IP assigned to the generator if the retest exceeds 20 µg/kg.

The department may request additional PFAS monitoring on a case-by-case basis if results appear non-representative. If the average of at least two sample results exceeds 20 µg/kg concentration for PFOA+PFOS combined, the department shall include limitations and conditions for PFAS in the reissued WPDES IP.

The department may require the generator to develop a sludge management plan to detail PFAS sampling procedures per s. NR. 204.11, Wis. Adm. Code.

Note: If the generator is required to collect a PFAS sample in 2026 as part of the WPDES IP application process that result may be used as the first monitoring event.

5 Lagoons and/or Reedbeds Sewage Sludge PFAS Monitoring Requirements

5.1 Sampling Point(s)

Sampling Point Designation
For WWTFs that utilize lagoons or reed beds as sewage sludge treatment processes, monitoring shall occur from all lagoons or reed bed treatment between July 1, 2026, and June 30, 2027. After January 1, 2027, sewage sludge generators shall monitor at all Outfalls prior to discharge of sewage sludge via land application, distribution to other WPDES facilities, or disposal at licensed incinerator or licensed landfill. The generator shall refer to the WPDES IP for the appropriate Outfall identification number(s) needed to complete electronic Characteristic Report Form 3400-49.

5.1.1 Land Application of Sludge Containing PFAS

The sewage sludge generator shall monitor PFAS concentrations in the sewage sludge prior to the sewage sludge being discharged from all Outfalls. The department recommends the land application of sewage sludge be completed in a manner consistent with the most recent version of the “Interim Strategy for Land Application of Biosolids and Industrial Sludges containing PFAS” at: [“Interim Strategy for Land Application of Biosolids and Industrial Sludges containing PFAS”](https://dnr.wisconsin.gov/sites/default/files/topic/PFAS/PFAS_BiosolidsInterimStrategy.pdf) (https://dnr.wisconsin.gov/sites/default/files/topic/PFAS/PFAS_BiosolidsInterimStrategy.pdf).

Note: The department intends to periodically review and update this interim strategy.

5.1.2 Monitoring Requirements

The generator shall comply with the following monitoring requirements.

Parameter	Units	Sample Frequency	Sample Type	Notes
Solids, Total	Percent	See Section 5.2.2	Composite	
PFOA + PFOS	µg /kg	See Section 5.2.2	Calculated	Report the sum of PFOA and PFOS. Results greater than 20 µg/kg. See Section 5.4.

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Parameter	Units	Sample Frequency	Sample Type	Notes
PFAS Dry Wt.	µg/kg	See Section 5.2.2	Composite	See Section 7.1 for Perfluoroalkyl and Polyfluoroalkyl substances.

5.2 PFAS Monitoring Frequencies

5.2.1 Lagoon or Reed Bed: PFAS Monitoring Requirements Between July 1, 2026, and June 30, 2027

At WWTFs that utilize lagoons or reed beds sewage sludge treatment processes, PFAS sewage sludge monitoring shall occur from all lagoons or reed bed treatment between July 1, 2026, and June 30, 2027.

5.2.2 Lagoon and Reed Bed Sewage Sludge Generators: PFAS Monitoring 2026 & Subsequent Years

Each sewage sludge generator classified as a lagoon or reed bed storage facility shall:

1. Conduct PFAS sewage sludge monitoring from each sewage sludge Outfall from which sewage sludge is discharged between July 1, 2026, and June 30, 2027. If no sewage sludge discharge occurs between July 1, 2026, and June 30, 2027, the generator shall collect a representative sample from the treatment processes no later than June 30, 2027.

Note: Additional PFAS monitoring may be necessary if the generator utilizes additional unanticipated Outfalls. The generator may need to request additional Characteristic Reports (Form 3400-49).

2. Conduct PFAS sewage sludge monitoring at each sewage sludge outfall from which sewage sludge is discharged in subsequent calendar years beginning in 2027 and until the sewage sludge generator is issued a WPDES IP with PFAS monitoring requirements.

5.3 Reporting PFAS Monitoring

When the sewage sludge generator is required to monitor PFAS from unanticipated Outfalls the generator shall contact the assigned department compliance staff for additional Characteristic Reports (Form 3400-49).

5.3.1 Reporting 2026 PFAS Monitoring Results

The 2026 PFAS sewage sludge laboratory reports shall be provided (by email) within 14 days of receipt of laboratory results to both:

PFAS Monitoring for Sewage Sludge (Biosolids) Generators

1. DNRWYPFASSludgeMonitoring@wisconsin.gov
2. Assigned department compliance staff for the corresponding WPDES IP for the sewage sludge generator.

5.4 Reporting PFOA + PFOS Concentrations That Exceed 20 µg/kg

Subsequent monitoring will continue per Section 5.2.2 unless the sum of the PFOA and PFOS concentration values exceed 20 µg/kg. If the sum of the PFOA and PFOS concentration value is above 20 µg/kg for any sampling event, the generator shall:

1. Notify the assigned department compliance staff within 5 business days of receiving the sample results. Certify the monitoring data to the department via electronic Characteristic Report (Form 3400-49) within 14 days.
2. Collect a new sample and retest the sewage sludge within 90 days of notification if the value exceeds 20 µg/kg.
3. Report the second sample results within 14 days of receipt of the laboratory results. The generator may need to contact the assigned department compliance staff to create an additional Characteristic Report.

The department will initiate modification of the WPDES IP assigned to the generator if the retest exceeds 20 µg/kg.

The department may request additional PFAS monitoring on a case-by-case basis if results appear non-representative. If the average of at least two sample results exceeds 20 µg/kg concentration for PFOA+PFOS combined, the department shall include limitations and conditions for PFAS in the reissued WPDES IP.

The department may require the generator to develop a sludge management plan to detail PFAS sampling procedures per s. NR. 204.11, Wis. Adm. Code.

Note: If the generator is required to collect a PFAS sample in 2026 as part of the WPDES IP application process that result may be used as the first monitoring event.

6 WPDES Permitted Contract Hauler PFAS Monitoring Requirements

The generator shall comply with the following requirements.

6.1 Sampling Point(s)

Sampling Point Designation

Monitoring shall occur at all sewage sludge and mixed waste sewage sludge Outfalls prior to discharge of sewage sludge via land application, distribution to other WPDES facilities, disposal at a licensed incinerator or licensed landfill, except sewage sludge direct land application Outfalls. The generator shall refer to the WPDES IP for the appropriate sampling point number and sampling location.

Note: PFAS monitoring for municipal sewage sludge that is directly land applied is the responsibility of the sewage sludge generator. WPDES permitted contract haulers are not required to monitor direct land application sewage sludge outfalls. The department recommends WPDES permitted contract haulers coordinate with WPDES GP and IP sewage sludge generators prior to direct land applications to obtain PFAS laboratory results.

6.1.1 Land Application of Sludge Containing PFAS

The sewage sludge generator shall monitor PFAS concentrations in the sewage sludge prior to the sewage sludge being discharged from all Outfalls. The department recommends the land application of sewage sludge be completed in a manner consistent with the most recent version of the ["Interim Strategy for Land Application of Biosolids and Industrial Sludges containing PFAS"](https://dnr.wisconsin.gov/sites/default/files/topic/PFAS/PFAS_BiosolidsInterimStrategy.pdf) (https://dnr.wisconsin.gov/sites/default/files/topic/PFAS/PFAS_BiosolidsInterimStrategy.pdf).

Note: The department intends to periodically review and update this interim strategy.

6.1.2 Monitoring Requirements

The generator shall comply with the following monitoring requirements.

Parameter	Units	Sample Frequency	Sample Type	Notes
Solids, Total	Percent	Annual	Composite	
PFOA + PFOS	µg /kg	Annual	Calculated	Report the sum of PFOA and PFOS. Results greater than 20 µg/kg. See Section 6.4

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Parameter	Units	Sample Frequency	Sample Type	Notes
PFAS Dry Wt.	µg/kg	Annual	Composite	See Section 7.1 for Perfluoroalkyl and Polyfluoroalkyl substances.

6.2 PFAS Monitoring Frequencies

6.2.1 All Sewage Sludge Generators: PFAS Monitoring Requirements Between July 1, 2026, and June 30, 2027

Each sewage sludge generator granted coverage under this GP shall conduct PFAS monitoring for all sewage sludge Outfalls in which sludge is discharged between July 1, 2026, and June 30, 2027.

6.2.2 Sewage Sludge Generators: PFAS Monitoring 2026 & Subsequent Years

Each contract hauler identified as a sewage sludge generator shall:

1. Conduct PFAS sewage sludge monitoring from each mixed sewage sludge Outfall from which sewage sludge is discharged between July 1, 2026, and June 30, 2027.

Note: Additional PFAS monitoring is required if the generator utilizes additional unanticipated Outfalls. The generator must request additional Characteristic Reports (Form 3400-49). See Section 6.3.1 and 6.3.2 for additional details.

2. Conduct annual PFAS sewage sludge monitoring at each mixed sewage sludge Outfall from which sewage sludge is discharged in subsequent calendar years beginning in 2027, and until this GP is discontinued and the sewage sludge generator is issued a WPDES IP with PFAS monitoring requirements.

Note: The reissued WPDES IP may contain more stringent PFAS monitoring requirements as needed.

6.3 Reporting PFAS Monitoring

When the sewage sludge generator is required to monitor PFAS from unanticipated Outfalls the generator shall contact the assigned department compliance staff for reporting onto additional Characteristic Reports (Form 3400-49).

6.3.1 Reporting 2026 PFAS Monitoring Results

The 2026 PFAS sewage sludge laboratory reports shall be provided (by email) within 14 days of receipt of laboratory results to both:

1. DNRWYPPFASSludgeMonitoring@wisconsin.gov

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2. Assigned department compliance staff for the corresponding WPDES IP for the sewage sludge generator.

6.3.2 Reporting 2027 and Subsequent Years PFAS Monitoring Results

Annual Characteristic Reports (Form 3400-49): The reports for the PFAS monitoring results will be created for sewage sludge generators that have coverage under this GP. These forms will be created for 2027 and subsequent years. Sewage sludge generators shall complete the appropriate Characteristic Reports (Form 3400-49).

Laboratory reports: Laboratory results shall be provided (by email) to both:

1. DNRWYPFASsludgeMonitoring@wisconsin.gov
2. Assigned department compliance staff for the corresponding WPDES IP for the sewage sludge generator.

6.4 Reporting PFOA + PFOS Concentrations That Exceed 20 µg/kg

Subsequent monitoring will continue annually unless the sum of the PFOA and PFOS concentration values exceed 20 µg/kg. If the sum of the PFOA and PFOS concentration value is above 20 µg/kg for any sampling event, the generator shall:

1. Notify the assigned department compliance staff within 5 business days of receiving the sample results.
2. Certify the monitoring data to the department via electronic Characteristic Report (Form 3400-49) within 14 days.
3. Collect a new sample and retest the sewage sludge within 90 days of notification if the value exceeds 20 µg/kg.
4. Report the second sample results within 14 days of receipt of the laboratory results. The generator may need to contact the assigned department compliance staff to create an additional Characteristic Report.

The department will initiate modification of the WPDES IP assigned to the generator if the retest exceeds 20 µg/kg.

The department may request additional PFAS monitoring on a case-by-case basis if results appear non-representative. If the average of at least two sample results exceeds 20 µg/kg concentration for PFOA+PFOS combined, the department shall include limitations and conditions for PFAS in the reissued WPDES IP.

The department may require the generator to develop a sludge management plan to detail PFAS sampling procedures per s. NR. 204.11, Wis. Adm. Code.

PFAS Monitoring for Sewage Sludge (Biosolids) Generators

Note: If the generator is required to collect a PFAS sample in 2026 as part of the WPDES IP application process that result may be used as the first monitoring event.

7 General PFAS Conditions

Sampling shall occur for the perfluoroalkyl and polyfluoroalkyl compounds (PFAS) listed in the table below and as indicated in the sampling point sections above. Monitoring shall occur at each sample point where sewage sludge is generated regardless of the end use (i.e. land applied, hauled to another facility, or landfilled).

7.1 Perfluoroalkyl and Polyfluoroalkyl Substances

PERFLUOROALKYLCARBOXYLIC Acids (PFCAs)

PFBA	Perfluorobutanoic acid
PFPeA	Perfluoropentanoic acid
PFHxA	Perfluorohexanoic acid
PFHpA	Perfluoroheptanoic acid
PFOA	Perfluorooctanoic acid
PFNA	Perfluorononanoic acid
PFDA	Perfluorodecanoic acid
PFUnA	Perfluoroundecanoic acid
PFDoA	Perfluorododecanoic acid
PFTTrDA	Perfluorotridecanoic acid
PFTeDA	Perfluorotetradecanoic acid

PERFLUOROALKYLSULFONIC Acids (PFSA's)

PFBS	Perfluorobutane sulfonic acid
PFPeS	Perfluoropentane sulfonic acid
PFHxS	Perfluorohexane sulfonic acid
PFHpS	Perfluoroheptane sulfonic acid
PFOS	Perfluorooctane sulfonic acid
PFNS	Perfluorononane sulfonic acid
PFDS	Perfluorodecane sulfonic acid
PFDoS	Perfluorododecane sulfonic acid

TELOMER SULFONIC Acids

4:2FTSA	1H,1H,2H,2H-Perfluorohexane sulfonic acid
6:2FTSA	1H,1H,2H,2H-Perfluorooctane sulfonic acid
8:2FTSA	1H,1H,2H,2H-Perfluorodecane sulfonic acid

PERFLUOROOCETANESULFONAMIDES (FOSA's)

PFOSA	Perfluorooctane sulfonamide
NMeFOSA	N-Methyl perfluorooctane sulfonamide

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NEtFOSA	N-Ethyl perfluorooctane sulfonamide
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PERFLUOROOCTANCESULFONAMIDOACETIC Acids

NMeFOSAA	N-Methyl perfluorooctane sulfonamidoacetic acid
NEtFOSAA	N-Ethyl perfluorooctane sulfonamidoacetic acid

NATIVE PERFLUOROOCTANCESULFONAMIDOETHANOLS (FOSEs)

NMeFOSE	N-Methyl perfluorooctane sulfonamideoethanol
NEtFOSE	N-Ethyl perfluorooctane sulfonamideoethanol

PERFLUOROALKYLETHERCARBOXYLIC Acids (PFECAs)

HFPO-DA	Hexafluoropropylene oxide dimer acid
ADONA	4,8-dioxa-3H-perfluorononanoic acid
PFMPA	Perfluoro-3-methoxypropanoic acid
PFMBA	Perfluoro-4-methoxybutanoic acid
NFDHA	Nonafluoro-3,6-dioxaheptaonic acid

CHLORO-PERFLUOROALKYLSULFONATE

9CI-PF3ONS	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid
11CI-PF3OUdS	11-chloroelcosafuoro-3-oxaundecane-1-sulfonic acid
PFEESA	Perfluoro(2-ethoxyethane)sulfonic acid

TELOMER SULFONIC Acids

3:3FTCA	3-Perfluoropropyl propanoic acid
5:3FTCA	2H,2H,3H,3H-Perfluorooctanoic acid
7:3FTCA	3-Perfluoroheptyl propanoic acid

Note: If WDNR Laboratory Certification removes a particular compound from the reporting list above and upon receiving written communication from the department to that effect, reporting for that compound is no longer required.

7.2 Sludge Sampling

The sewage sludge generator shall complete and certify the Characteristic Report (Form 3400-49) within 14 days of receipt of the laboratory results.

Note: As part of this GP the department has created a dedicated Characteristic Report (Form 3400-49) to record all PFAS sewage sludge monitoring results. This form identifies the due date of January 31 following the year of analysis. The requirement to complete and certify the form within 14 days of receipt of PFAS laboratory results supersedes the date listed on the form. The sewage sludge generator may request additional Characteristic Reports to record PFAS monitoring results.

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Representative sludge samples shall be collected at each Outfall. The liquid sludge storage/digesters should be thoroughly mixed prior to sampling. Cake sludge samples should consist of seven equal size discrete samples and be collected from different areas and depths, then composited into one sample for laboratory analysis. The department may require representative sampling procedures to be detailed in a sludge management plan pursuant to s. NR 204.11, Wis. Adm. Code.

Note: If additional equipment is used for collecting sewage sludge samples (i.e., shovels, compositing buckets, bottles, etc.), then a one-time equipment blank is recommended to be collected with the first sample. An equipment blank sample is collected by passing laboratory verified PFAS-free water over or through field sampling equipment before the collection of a representative sludge sample. The equipment blank result shall be reported on the Characteristic Report (Form 3400-49) in the comment section when reporting PFAS concentrations in the sludge.

The generator shall use the following convention when reporting sludge monitoring results: Pollutant concentrations less than the limit of detection shall be reported as < (less than) the value of the limit of detection. For example, if a substance is not detected at a detection limit of 1.0 mg/kg, report the pollutant concentration as < 1.0 mg/kg.

7.3 Sludge Testing Procedures

The laboratory performing the analysis on any samples shall be certified for the applicable PFAS compounds in the solids matrix by the Wisconsin Laboratory Certification Program established under s. 299.11, Wis. Stats., and in accordance with s. NR 149.41, Wis. Adm. Code. The department may reject any sample results if results are produced by a laboratory that is not in compliance with certification requirements under ch. NR 149, Wis. Adm. Code. A list of DNR accredited laboratories is found in [PFAS Lab Analysis in Wisconsin](https://dnr.wisconsin.gov/topic/PFAS/Labs.html) "<https://dnr.wisconsin.gov/topic/PFAS/Labs.html>"

8 Standard Requirements

The conditions in ss. NR 205.07(1), NR 205.07(3), and NR 205.08(3), Wis. Adm. Code and 40 CFR 122 are included by reference in this permit. Some of these requirements are outlined in the Standard Requirements section of this permit. Requirements not specifically outlined in the Standard Requirements can be found in ss. NR 205.07(1), 205.07(3), and NR 205.08, Wis. Adm. Code and 40 CFR 122.

8.1 Monitoring, Reporting, and Record Keeping Requirements

8.1.1 Sampling and Testing Procedures

The permittee shall take samples and measurements that are representative of the volume and nature of the monitored discharge at points specified in the permit using sample types specified in the permit. The permittee shall also follow the effluent flow measurement and sample collection procedures in ch. NR 218, Wis. Adm. Code.

Samples collected under this permit shall be tested for the parameters listed in this permit and follow approved test methods and procedures specified in ch. NR 219, Wis. Adm. Code. If the required level cannot be met by any of the methods available in ch. NR 219, Wis. Adm. Code, then the method with the lowest limit of detection shall be selected. Additional test procedures may be specified in the permit.

8.1.2 Laboratory Certification or Registration

Samples collected under this permit shall be tested and analyzed by a laboratory certified or registered under ch. NR 149, Wis. Adm. Code. A list of Wisconsin DNR accredited laboratories can be found in the [Certified Lab List \(https://dnr.wisconsin.gov/topic/labCert/certified-lab-lists\)](https://dnr.wisconsin.gov/topic/labCert/certified-lab-lists).

8.1.3 Recording of Results

The permittee shall maintain records which provide the following information for each effluent measurement or sample taken:

1. The date, exact place, method, and time of sampling or measurements;
2. The individual who performed the sampling or measurements;
3. The date the analysis was performed;
4. The individual who performed the analysis;
5. The analytical techniques or methods used; and
6. The results of the analysis.

8.1.4 Reporting of Monitoring Results

PFAS Monitoring for Sewage Sludge (Biosolids) Generators

The permittee shall submit wastewater discharge monitoring data as required by Sections 4, 5 and 6 on an electronic Characteristics Report (Form 3400-49) in accordance with s. NR 205.07(1)(r), Wis. Adm. Code upon the **Effective Date** of this general permit. The form is available through the [DNR Switchboard: https://dnr.wisconsin.gov/topic/Switchboard](https://dnr.wisconsin.gov/topic/Switchboard). The forms are due 14 days following lab notification. The form shall be submitted to the department regardless of whether or not there is a discharge during any report frequency. Paper copies are no longer accepted.

To access the forms, the permittee must have a MyWisconsin ID and request access for each facility for which they intend to submit data. The Switchboard can be used to create a MyWisconsin ID and register with contact information and user roles. If the permittee already has a MyWisconsin ID, then they do not need to create a new one. However, they must still request access to each facility for which they intend to submit data.

8.1.5 More Frequent Monitoring

As specified in s. NR 205.07(1)(r), Wis. Adm. Code if the permittee monitors any parameter more frequently than required by the permit using test procedures specified in chs. NR 204 or NR 219, Wis. Adm. Code or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the discharge monitoring report.

8.1.6 Records Retention

The permittee shall retain records of all monitoring information, including daily logs, calibration and maintenance records, original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by the permit, and records of all data used to complete the application for the permit for a period of at least 3 years from the date of the sample, measurement, report or application. All pertinent sludge information, including permit application information and other documents specified in the permit or ch. NR 214, Wis. Adm. Code, shall be retained for a minimum of 5 years.

8.1.7 Other Information

When a permittee becomes aware that it failed to submit any relevant facts in a notice of intent or submitted incorrect information in a notice of intent or in any report to the department, it shall promptly submit such facts or correct information to the department.

8.2 General Conditions for General Permits

8.2.1 Signatory Requirement

PFAS Monitoring for Sewage Sludge (Biosolids) Generators

All permit notices of intent, reports, and other information requested by the department shall be signed by a responsible executive or municipal officer, manager, partner, or proprietor as specified in s. 283.37(3), Wis. Stats., or a duly authorized representative of the officer, manager, partner or proprietor that has been delegated signature authority pursuant to s. NR 205.07(1)(g)2, Wis. Adm. Code.

8.2.2 Delegation of Signature Authority

The permittee must submit a completed Delegation of Signature Authority (DSA, Form 3400-220) or equivalent to the department for a duly authorized representative to submit specific permit documents on the behalf of the responsible executive or municipal officer, manager, partner, or proprietor of a permitted discharge. A responsible executive or municipal officer, manager, partner, or proprietor can only delegate signature authority to a duly authorized representative if that person is responsible for the overall operation of the facility or activity regulated by this general permit. The permittee shall specify the name of the individual or the employment position that has the signature authority and responsibility on the DSA. The permittee must submit an updated DSA to the department with the NOI unless a DSA was previously submitted to the department or together with the submittal of any required documents. If there are any changes to this request, the permittee shall submit a new DSA to the department.

Note: The DSA (Form 3400-220) is available at [Wastewater General Permits \(https://dnr.wisconsin.gov/topic/Wastewater/GeneralPermits.html\)](https://dnr.wisconsin.gov/topic/Wastewater/GeneralPermits.html).

8.2.3 Permit Coverage Transfers

A permit is not transferable to any person except after notice to the department. Permittees that wish to transfer general permit coverage to a new permittee must submit a Transfer of Coverage (TOC, Form 3400-222) to the department. The TOC must be submitted at least 30 days in advance of the proposed transfer date. All TOCs shall be completed by both the existing and new permittees, including the "Certification & Signature" section, and sent via mail or email to the department. The department will then send a letter to the existing permittee stating that their coverage is terminated under this general permit.

If the quality or quantity of the discharge has not changed at the facility, the department will send a letter of determination that grants coverage to the new permittee under this general permit. If there have been significant changes at the permitted facility, the new permittee shall submit a new eNOI to the department.

Note: The TOC (Form 3400-222) is available at [Wastewater General Permits \(https://dnr.wisconsin.gov/topic/Wastewater/GeneralPermits.html\)](https://dnr.wisconsin.gov/topic/Wastewater/GeneralPermits.html).

8.2.4 Permit Coverage Terminations

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Permittees that wish to terminate their general permit coverage must submit an electronic Notice of Termination (eNOT) to the department. All eNOTs must be completed by the permittee or duly authorized representative including the "Certification & Signature" section and submitted to the department via the online Water Permit Applications system. The department will then send a termination letter to the permittee stating that their coverage is terminated under this general permit.

Note: The eNOT is available at the department's ePermitting website available via [Water Permit Applications \(https://dnr.wisconsin.gov/permits/water\)](https://dnr.wisconsin.gov/permits/water).

8.2.5 Continuation of an Expired General Permit

If a permittee submitted a complete and timely eNOI to be covered by this general permit, all conditions of an expired general permit shall continue to apply until the effective date of a new general permit.

8.2.6 Duty to Comply

The permittee shall comply with all conditions of the permit. Any permit noncompliance is a violation of the permit and is grounds for enforcement action, permit coverage termination, or denial of reapplying for permit coverage. If a permittee violates any terms of the permit, the permittee is subject to the penalties established in ch. 283, Wis. Stats.

8.2.7 Property Rights

The permit does not convey any property rights of any sort or any exclusive privilege. The permit does not authorize any injury or damage to private property, invasion of personal rights, or any infringement of federal, state or local laws or regulations.

8.2.8 Inspection and Entry

The permittee shall allow an authorized representative of the department, upon the presentation of credentials, to:

1. Enter the permittee's premises where a regulated facility or activity is located or conducted, or where records are required under the conditions of the permit;
2. Have access to and copy, at reasonable times, any records that are required under the conditions of the permit;
3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under the permit; and
4. Sample or monitor at reasonable times, for the purposes of assuring permit compliance, any substances or parameters at any location.

8.2.9 Duty to Mitigate

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The permittee shall take all reasonable steps to minimize or prevent the likelihood of any adverse impacts to public health, the waters of the state, or the environment resulting from noncompliance with the permit.

8.2.10 Duty to Provide Information

The permittee shall furnish the department, within a reasonable time, any information which the department may request to determine whether cause exists for modifying, terminating, suspending, revoking, or reissuing the permit or to determine compliance with the permit. The permittee shall give advance notice to the department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall also furnish the department, upon request, copies of records required to be kept by the permittee.

8.2.11 Need to Halt or Reduce Activity Not a Defense

It is not a defense for a permittee in an enforcement action to claim that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the conditions of the permit.

8.3 System Operating Requirements

8.3.1 Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training as required in ch. NR 114, Wis. Adm. Code, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the permit.

8.3.2 Noncompliance and Other Reporting

The permittee shall report the following types of noncompliance by a telephone call to the department's regional office within 24 hours after becoming aware of the noncompliance:

1. Any noncompliance which may endanger health or the environment;
2. Any violation of an effluent limitation resulting from a bypass;
3. Any violation of an effluent limitation resulting from an upset; and
4. Any violation of a maximum discharge limitation for any of the pollutants listed by the department in the permit.

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A written report describing the noncompliance shall also be submitted to the department as directed in the Summary of Reports Due within 5 days after the permittee becomes aware of the noncompliance. The written report shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times; the steps taken or planned to reduce, eliminate and prevent reoccurrence of the noncompliance; and if the noncompliance has not been corrected, the length of time it is expected to continue.

A scheduled bypass approved by the department as specified in s. NR 205.07(1)(u)2., Wis. Adm. Code, shall not be subject to the reporting required under this section.

8.3.3 Bypass

Except for a controlled diversion as specified in s. NR 205.07(1)(v), Wis. Adm. Code, any bypass is prohibited, and the department may take enforcement action against a permittee for such occurrences under s. 283.89, Wis. Stats. The department may approve a bypass if the permittee demonstrates all the following conditions apply:

1. The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage.
2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities or adequate back-up equipment, retention of untreated wastes, reduction of inflow and infiltration, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance. When evaluating feasibility of alternatives, the department may consider factors such as technical achievability, costs and affordability of implementation, and risks to public health, the environment and, where the permittee is a municipality, the welfare of the community served.
3. The bypass was reported in accordance with the 'Noncompliance Reporting' section of this permit.

8.3.4 Removed Substances

Solids, sludges, filter backwash or other pollutants removed from or resulting from treatment or control of wastewaters or intake waters shall be stored and disposed of in a manner to prevent any pollutant from the materials from entering the waters of the state. Land disposal or application of treatment plant solids and sludges shall be at a site or operation licensed by the department under chs. NR 500 to 538, Wis. Adm. Code or chs. NR 660 to 670, Wis. Adm. Code or in accordance with ch. NR 204 or 214, Wis. Adm. Code.

8.3.5 Spill Reporting

The permittee shall notify the department in accordance with ch. NR 706 (formerly NR 158), Wis. Adm. Code, in the event that a spill or accidental release of any material or substance results in the discharge of pollutants to the waters of the state at a rate or concentration greater than the effluent limitations established in the permit, or the spill or accidental release of the material is unregulated in the permit, unless the spill or release of pollutants has been reported to the department under this section.

Note: Section 292.11(2)(a), Wis. Stats., requires any person who possesses or controls a hazardous substance or who causes the discharge of a hazardous substance to notify the department immediately of any discharge not authorized by the permit. The discharge of a hazardous substance that is not authorized by this permit or that violates this permit may be a hazardous substance spill. To report a hazardous substance spill, call DNR's 24-hour HOTLINE at 1-800-943-0003.

8.3.6 Planned Changes

In accordance with ss. 283.31(4)(b) and 283.59(1), Wis. Stats., the permittee shall report to the department any facility expansion, production increase or process modifications which will result in new, different, or increased discharges of pollutants. The report shall either be a new general permit notice of intent or, if the new discharge will not violate the effluent limitations of the general permit, a written notice of the new, different or increased discharge. The notice shall contain a description of the new activities, an estimate of the new, different, or increased discharge of pollutants, and a description of the effect of the new or increased discharge on existing waste treatment facilities. Following receipt of this report, the department may modify the general permit coverage letter to specify any discharges of pollutants not previously covered by the general permit.

8.3.7 Duty to Halt or Reduce Activity

Upon failure or impairment of treatment facility operation, the permittee shall, to the extent necessary to maintain compliance with its permit, curtail production or wastewater discharges or both until the treatment facility operations are restored or an alternative method of treatment is provided.

8.3.8 Enforcement

Any violation of this permit is enforceable under ss. 283.89 and 283.91, Wis. Stats.

8.3.9 Permit as Enforcement Shield

Compliance with a permit during its term constitutes compliance for purposes of enforcement with 33 USC 1311, 1312, 1316, 1317, 1328, and 1345 (a) and (b), except for any toxic effluent

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standard or prohibition, and standards for sewage sludge use or disposal. If a new or revised toxic effluent standard or toxic prohibition becomes effective during the term of the permit, the permittee may be subject to enforcement action if the discharge exceeds the new or revised effluent standard for the toxic pollutant even though the discharge is in compliance with the existing permit. The permittee may also be subject to enforcement action standards for sewage sludge use or disposal. However, a permit may be modified, revoked and reissued, or terminated during its term for cause as set forth in ch. 283, Wis. Stats., and ch. NR 203, Wis. Adm. Code.

8.3.10 Severability

The provisions of this permit are severable, and if any provisions of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit, shall not be affected thereby.

9 Summary of Reports Due and Actions

FOR INFORMATIONAL PURPOSES ONLY

Description	Date
Laboratory Report: Calendar Year 2026 and Subsequent Years	14 days after receiving PFAS laboratory results
Characteristic Report (Form 3400-49): Calendar Year 2027 and Subsequent Years.	14 days after receiving PFAS laboratory results
Exceedance Notification: Required when PFOA+PFOS exceeds 20 µg/kg	5 days after receiving PFAS laboratory results.
Sewage Sludge Retest: Required when PFOA+PFOS exceeds 20 µg/kg	Retest within 90 days after receiving initial PFAS laboratory results.

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Appendix A

Below is the table of all major municipal dischargers in the State of Wisconsin.

Note: At the time of this WPDES GP effective date, some facilities included on the list may have been modified or reissued to include sewage sludge PFAS monitoring requirements in the WPDES IP.

WPDES IP Number	Facility Name
0022144-10-0	Antigo City Of
0023221-09-0	Appleton Wastewater Treatment Facility
0023230-11-0	Arcadia Wastewater Treatment Facility
0030767-10-0	Ashland Sewage Utility
0020605-10-0	Baraboo Wastewater Treatment Facility
0023345-10-0	Beaver Dam Wastewater Treatment Facility
0023370-10-4	Beloit Wastewater Treatment Facility
0023469-10-1	Brookfield, City Of
0022926-10-2	Burlington Water Pollution Control
0020222-10-0	Cedarburg Wastewater Treatment Facility
0023604-10-0	Chippewa Falls WWTP
0021008-10-1	Columbus Wastewater Treatment Facility
0032026-09-0	Delafield Hartland Water Pollution Control Commission
0023850-10-0	Eau Claire Wastewater Treatment Facility
0023990-09-0	Fond Du Lac WTRRF
0036021-08-0	Fontana Walworth Water Pollution Control Commission
0022489-11-0	Fort Atkinson Wastewater Treatment Facility
0024686-09-0	Fox West Regional Sewerage Commission
0020184-11-0	Grafton Water & Wastewater Utility
0065251-02-1	Green Bay Metropolitan Sewerage District Combined
0020192-10-0	Hartford Water Pollution Control Facility
0031232-10-0	Heart Of The Valley Metro Sewerage District
0024279-10-1	Hudson Wastewater Treatment Facility
0021806-08-0	Jackson Wastewater Treatment Plant
0030350-09-2	Janesville Wastewater Utility
0024333-10-0	Jefferson Wastewater Treatment Facility
0028703-11-1	Kenosha Wastewater Treatment Facility
0020141-10-0	Kiel Wastewater Treatment Facility
0029581-10-0	La Crosse City

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0021130-10-0	Lake Geneva Wastewater Treatment Plt
0031194-10-1	Lake Mills Wastewater Treatment Facility
0024597-09-2	Madison Metropolitan Sewerage District WWTF
0024601-10-0	Manitowoc Wastewater Treatment Facility
0026182-10-0	Marinette Wastewater Utility
0021024-09-1	Marshfield Wastewater Treatment Facility
0024643-11-0	Mayville Wastewater Treatment Facility
0024708-10-1	Menomonie Wastewater Treatment Facility
0020150-11-0	Merrill City Of
0036820-04-0	Milwaukee Metro Sew Dist Combined
0020362-09-2	Monroe Wastewater Treatment Facility
0020265-10-0	Mukwonago Wastewater Treatment Plant
0026085-10-0	Neenah Menasha Sewerage Commission WWTF
0024929-10-0	New London Wastewater Treatment Facility
0031470-08-1	Norway Tn Sanitary District 1 WWTF
0021181-10-0	Oconomowoc Wastewater Treatment Plnt
0020681-09-0	Oregon Wastewater Treatment Facility
0025038-10-1	Oshkosh Wastewater Treatment Plant
0030651-09-1	Peshtigo Wastewater Treatment Facility
0020435-10-1	Platteville Wastewater Treatment Facility
0027995-11-0	Plover Wastewater Treatment Facility
0030031-08-1	Plymouth Utilities WWTF
0020460-09-0	Port Washington WWTF
0020427-11-1	Portage Wastewater Treatment Facility
0020257-09-0	Prairie Du Chien Wastewater Treatment Facility
0025194-10-0	Racine Wastewater Utility
0020371-10-1	Reedsburg Wastewater Treatment Facility
0020044-10-0	Rhineland City Of
0035581-08-0	Rib Mountain Metro Sewerage District WWTF
0021865-10-0	Rice Lake Utilities City Of
0020109-10-0	Richland Center Wastewater Treatment Facility
0021032-09-1	Ripon Wastewater Treatment Facility
0029394-11-0	River Falls Municipal Utility WWTF
0031496-08-0	Salem Lakes, Village - Salem WWTP
0021555-11-0	Saukville Village Sewer Utility
0025411-10-0	Sheboygan Wastewater Treatment Plant

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0020290-10-0	Slinger Wastewater Treatment Facility
0028819-09-1	South Milwaukee Wastewater Treat Facility
0020737-10-0	Sparta Wastewater Treatment Facility
0029572-10-0	Stevens Point Wastewater Treatment Facility
0020338-09-0	Stoughton Wastewater Treatment Facility
0021113-11-0	Sturgeon Bay Utilities Wastewater Treatment Facility
0020478-11-0	Sun Prairie Wastewater Treatment Facility
0025593-09-0	Superior Sewage Disposal System
0020559-09-0	Sussex Wastewater Treatment Facility
0021318-09-0	Tomah Wastewater Treatment Facility
0021695-10-0	Twin Lakes Wastewater Treatment Fac
0026590-10-0	Two Rivers Wastewater Treatment Facility
0028291-10-0	Union Grove Village
0031461-08-0	Walworth County Metro
0028541-09-3	Watertown Wastewater Treatment Facility
0029971-10-0	Waukesha City
0030490-08-0	Waupaca Wastewater Treatment Facility
0022772-10-2	Waupun Wastewater Treatment Facility
0025739-09-2	Wausau Water Works Ww Treatment Facility
0025763-11-0	West Bend City
0028754-10-0	Western Racine County Sewerage District
0020001-10-2	Whitewater Wastewater Treatment Facil
0031402-08-1	Wi Dells Lk Delton Sewerage Commission WWTF
0025844-10-1	Wisconsin Rapids WWTF
0028452-09-0	Wolf Treatment Plant

Interim Strategy for Land Application of Biosolids and Industrial Sludges Containing PFAS

Version3

Date: July 2, 2026 (revised typo in worksheet)

Effective Date: July 1, 2026

Background

Per- and polyfluoroalkyl substances

Per- and polyfluoroalkyl substances (PFAS) is a group of more than 9,000 manmade chemicals that are fire, oil, grease, water and stain resistant. PFAS are often referred to as “forever chemicals” due to the exceptionally strong carbon-fluorine bonds within the various molecules limiting the ability for these chemicals to decompose in the environment.

PFAS are found in consumer and industrial products, such as non-stick cookware, food packaging, dental floss, cleaning products, cosmetics, water repellent & fire retardant clothing, sealants, carpeting and upholstery.

Emerging Contaminants

Per- and polyfluoroalkyl substances (PFAS) are viewed as emerging contaminants. Contaminants are “emerging” due to new research revealing their presence in the environment, new pathways of exposure, or a newly recognized threat to health. PFAS have been found to pose potential risks to human health and the environment, yet only a few of the substances are subject to very limited regulations. Their impacts are not yet fully understood, and they are the focus of active research.

Legacy Pollution

Legacy pollution refers to persistent environmental and health damage caused by past industrial activities. Often, this pollution is the result of substances that are no longer in common use such as lead, mercury, PCBs, and organochlorine pesticides. This contamination can remain in soil, water, and other parts of the environment long after the pollution events occurred.

It is believed that highly concentrated PFAS discharges have created legacy pollution at multiple sites in Wisconsin. This contamination has the potential to impact human health via exposure routes such as drinking water and ingestion of wildlife food sources (fish, duck & deer) containing PFAS. The department is continuing to test sources such as drinking water to identify potential exposure routes, to protect the public from this legacy contamination while still learning more about PFAS as a whole.

Targeted Analytes – PFOA and PFOS

While the larger class of PFAS are identified as emerging contaminants, Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonate (PFOS) have been specifically shown to create legacy

pollution when disposed of at high concentrations. As a result, these two PFAS compounds, PFOA and PFOS, are targeted through this Interim Biosolids and Industrial Sludge Strategy.

Municipal Wastewater Treatment and Sewage Sludge (Biosolids) Generation

Biological sludge generated from municipal wastewater treatment facilities (WWTF) is referred to as sewage sludge. When sewage sludge is further treated, it is often referred to as biosolids. (In Wisconsin, biosolids and sewage sludge are defined as the same pursuant to s. NR 204.03 (55), Wis. Adm. Code.) Biosolids are nutrient rich, organic materials that have significant beneficial properties when applied as a fertilizer for food and crop production.

Municipal WWTFs treat wastewater generated from homes, commercial businesses and industrial facilities that discharge to sewage collection systems. Municipal WWTFs do not generate or create PFAS but rather may be passive recipients of PFAS in the wastewater. Because biosolids are a byproduct of treating wastewater that may contain PFAS, biosolids may contain PFAS. There is no known technologically or economically viable methods for treating PFAS at wastewater treatment facilities.

Industrial Wastewater

PFAS can be found in industrial wastewaters such as that of the metal plating, automotive, aerospace and semiconductor industries, as well as the production of paints, coatings and textiles. PFAS are used for the purpose of fire, oil, grease, water and stain resistant properties in the final product where residual PFAS is lost into wastewater. Additionally, PFAS in the wastewater can also be the result of various industrial processes where industrial production requires a water resistant, grease resistant, non-stick, sealant or other property for the product to be manufactured.

Industrial Sludge Generation and Reuse

Industrial sludges are the solids portion resulting from physical, chemical and biological wastewater treatment processes. Organic based industrial sludges are often beneficially reused as soil amendments (carbon, liming substitutes) and/or nutrient sources (nitrogen, phosphorus, micronutrients) for crop production. These organic based sludges include those from: cheesemaking, vegetable processing, slaughterhouse and meat processing, and paper production. In some cases, the organic based sludges potentially contain higher concentrations of PFAS as the result of coatings and additives used in particular non-food industries. Additionally, the use of recycled feedstocks in the production process may also be impacted by PFAS resulting in PFAS carryover into the industrial sludge.

Interim Strategy Criteria Goals

Identify and Reduce PFAS in Municipal Wastewater/Biosolids

Wastewater treatment processes do not use PFAS. Municipal WWTFs passively receive PFAS from the wastewater generated at homes, businesses and industries. Since PFAS are “forever chemicals,” the destruction or removal of PFAS in wastewater is challenging and expensive. Because current treatment processes are extremely expensive, the source identification and

reduction of PFAS in wastewater is critical to reducing PFAS in the environment. Source reduction can reduce PFAS concentration in biosolids and reduce the need for additional disposal alternatives.

Municipal WWTFs are highly encouraged to monitor for PFAS in their influent to identify commercial and industrial sources within their service area. Once sources are identified, municipalities are encouraged to work with commercial and industrial sources to reduce PFAS concentrations that result in PFOA and PFOS in their biosolids.

The department has developed guidance to assist facilities with developing PFOS and PFOA Minimization Plans. The guidance document can be found on the department's website at:

[Water Quality PFAS Initiatives \(https://dnr.wisconsin.gov/topic/PFAS/WaterQuality.html\)](https://dnr.wisconsin.gov/topic/PFAS/WaterQuality.html)

Recent Wisconsin Legislation

2025 Wisconsin Act 201 was enacted on April 6, 2026, addressing monitoring for PFAS in sewage sludge (biosolids). The Act created s. 283.82(4), Wis. Stats., and requires the department to:

- Include PFOA & PFOS limitations or conditions in WPDES permits.
- Issue a general WPDES permit for land application of sludge if facilities do not already have PFOA & PFOS requirements in an individual WPDES permit.
- If a treatment facility is issued a general permit, then modify individual WPDES permits to add limitations and/or conditions if the average of at least 2 sample results exceeds a 20 ug/kg concentration of PFOA + PFOS combined.

Changes from Previous Version

Reduced Interim Strategy Concentration Thresholds for Continued Land Application including Prohibitions

Biosolids and industrial sludge threshold concentrations have been updated within this interim strategy. With the updated concentration thresholds, additional activities may be triggered at a lower concentration than previously included in Version 2 of the Interim Strategy. For Municipal and Industrial WWTFs that cannot meet these updated thresholds, landfilling and other potential treatment and/or disposal will be required.

Tracking Cumulative PFOA/PFOS Contributions to Approved Fields

Beginning with this version of the Interim Strategy, all WPDES permittees >20 ug/kg with PFAS monitoring requirements and concentrations should begin tracking cumulative loadings of PFOA and PFOS on each landspreading field receiving sewage sludge and/or industrial sludge. See Attachment A for additional information.

In the future, the department is anticipating electronic reporting similar to that in the current Annual Land Application Report (Electronic Form 3400-055) found in DNR's Switchboard. Until

such time as electronic reporting includes PFAS loading capabilities, WWTFs will need to maintain their own annual PFAS field loading records for PFOA and PFOS.

Implement thresholds for Bagging and Distribution of Exceptional Quality Biosolids

Similar to policies in Michigan and Minnesota, the department suggests a more stringent concentration for EQ biosolids that are individually bagged and distributed to the general public.

Continued Landowner and Farmer Communication

Previously the department provided sample letters for biosolids and industrial sludge generators to use to communicate PFOA and PFOS concentrations to landowners and farmers. These letters are updated to include additional information for landowners and farmers. Additionally, treatment facilities are able to modify the letters to explain the efforts the treatment facilities make to ensure that the biosolids meet specific thresholds. Examples could include: monitoring of wastewater influent concentrations, identifying sources, reducing sources, education within the community(ies) and more.

PFAS Monitoring/Reporting for Biosolids and Industrial Sludges

USEPA Method 1633A

When monitoring PFAS concentrations in sludge, WPDES permitted facilities shall follow USEPA Method 1633A. Results include 40 different PFAS analytes. This method is validated for biosolids, soil and tissue. To report on a dry weight basis, a percent-solids determination is required of the sludge. Dry weight units are often reported in ug/kg (ppb).

PFAS Monitoring

All facilities that produce biosolids or industrial sludge will be required to monitor for PFAS consistent with their individual WPDES permit. Pursuant to 2025 Wisconsin Act 201 and corresponding to changes to s. 283.82 (4) Wis. Stats, facilities with biosolids outfalls that do not currently have limitations or conditions addressing PFAS in their WPDES individual permit will be covered under a WPDES General Permit (GP) for monitoring and land applying biosolids. GP coverage will be discontinued when the facility's individual WPDES permit is reissued with PFAS monitoring requirements. These facilities with biosolids outfalls will be required to comply with both their individual WPDES permit and the WPDES General Permit requirements.

PFAS monitoring requirements will be included in permits at each biosolids and/or industrial sludge outfall. Regular monitoring is required from typically used biosolids and industrial sludge outfalls. Monitoring is also required from infrequently used outfalls when biosolids and/or industrial sludges are discharged from these outfalls. (Note: Often with Class A biosolids treatment processes, additional outfalls are included in the WPDES permit to provide flexibility to the WWTF should an individual treatment process fail or is required to be taken offline. When these outfalls are used, the WWTF will monitor for PFAS. If the infrequently used outfall is not used, PFAS is not required to be monitored at that outfall.)

Reporting

In addition to reporting the 40 PFAS analytes, a calculated PFOA + PFOS concentration result is required. Reporting is completed through the department's SWAMP program including with the WPDES permit application and in Discharge Monitoring Reports. (Electronic Form 3400-49). In addition, PFAS monitoring laboratory reports shall be submitted to both the department assigned compliance staff as well as to the following email address:

DNRWYPFASSludgeMonitoring@wisconsin.gov.

Results are reported within the timeframes of the WPDES permits.

Note: Due to complexities associated with electronic reporting, the 3400-49 forms will not be available for the WPDES GP to report PFAS monitoring performed in 2026. The electronic 3400-49 forms for the WPDES GP will be available in 2027 and subsequent years.

Interim Strategy Tiers and Corresponding Actions

The following tiers have been developed for biosolids and industrial sludges to delineate specific action items based on monitoring results. These tiers are provided for WWTF operators to determine how/when land application may occur and when to implement source reduction measures. The department may recommend alternative actions based on site specific circumstances.

Tier 1: PFOA + PFOS at or less than 20 ug/kg (ppb)

- Notify the property owner/farmer of the results.
- Land apply the biosolids or industrial sludge without additional requirements.

Tier 2: PFOA + PFOS above 20 ug/kg (ppb) and at or less than 50 ug/kg (ppb)

- Track cumulative PFAS loading on each field for the following.
 - PFOA
 - PFOS
 - PFOA + PFOS
- Notify the property owner/farmer of the results.
- Begin to monitor WWTF effluent discharges for PFAS within 30 days if not already required under the WPDES permit. Report the results to the department.
- Create and implement a (or continue an existing) PFAS source identification and reduction plan.
- If PFOA is greater than 20 ug/kg (ppb), notify the department and reduce application rate to 1.5 dry tons per acre or propose an alternative risk mitigation strategy for approval from the department to land apply.
- The department will modify the facility's WPDES permit to incorporate numeric limits or conditions to address PFAS in biosolids.

Tier 3: PFOA + PFOS above 50 ug/kg (ppb) and at or less than 100 ug/kg (ppb)

- Track cumulative PFAS loading on each field for the following.

- PFOA
- PFOS
- PFOA + PFOS
- Notify the property owner/farmer of the results.
- Begin to monitor WWTF effluent discharges for PFAS within 30 days if not already required under the WPDES permit. Report the results to the department.
- Create and implement a (or continue an existing) PFAS source identification and reduction plan.
- Land apply at a reduced application rate of 1.5 dry tons per acre or propose an alternative risk mitigation strategy for approval from the department to land apply.
- If PFOA is greater than 20 ug/kg (ppb) notify the department.
- The department will modify the facility's WPDES permit to incorporate numeric limits or conditions to address PFAS in biosolids.

Tier 4: PFOA + PFOS greater than 100 ug/kg (ppb)

- Land application is not allowed. Arrange for alternative management and/or disposal.
- Notify and provide results to the department
- Begin to monitor WWTF effluent discharges for PFAS within 30 days if not already required under the WPDES permit. Report the results to the department.
- Create and implement a (or continue an existing) PFAS source identification and reduction plan.
- Site specific requirements may be necessary.
- Requests for new land application site requests by the WPDES permitted facility are not approved.
- Requests to transfer sites to the WPDES permitted facility are not approved.
- The department will modify the facility's WPDES permit to incorporate numeric limits or conditions to address PFAS in biosolids.

Exception Quality (EQ) Biosolids

Often exception quality (EQ) bagged biosolids are distributed to the public for home gardens, golf courses and other public locations. When bagging biosolids for larger distributions, PFAS monitoring should occur more frequently than annually to demonstrate the less than or equal to 20 ug/kg (ppb) PFOA+PFOS concentration.

Monitoring frequencies for bagged biosolids are as follows:

- <1500 metric tons bagged per year: Once per year.
- ≥1500 metric tons bagged per year: Once per quarter.

Note: When increased monitoring results are available, WPDES permitted facilities may be able to use rolling averages to show compliance with the 20 ug/kg (ppb) PFOA + PFOS concentration.

Example 1: Monthly results are available when quarterly frequency is requested.

Example 2: Quarterly results are available when annual frequency is requested.

Additionally, when WPDES permitted facilities are aware that biosolids are being distributed to the public for personal and commercial use and the biosolids are not being applied to farmland, the 20 ug/kg PFOA + PFOS combined concentration threshold should apply. Some examples of where this would apply are:

- Example 1: The 20 ug/kg threshold limit applies to EQ biosolids that are available for public pick up.
- Example 2: The 20 ug/kg threshold limit applies to EQ biosolids are provided to a contractor who then uses the biosolids for commercial and residential lawns.

Bulk EQ distribution onto farmland may continue with annual PFAS monitoring as required for standard land application activities provided the WPDES permittee adheres to the tiers as listed above.

Contacts

For questions related to this interim strategy or other PFAS water quality initiatives contact:

- Fred Hegeman, P.E., Biosolids & Industrial Sludge – Frederick.Hegeman@wisconsin.gov
- Amy Garbe, P.E., Compliance & Sampling Techniques – Amy.Garbe@wisconsin.gov
- Nate Willis, P.E., Wastewater Section Manager – Nathaniel.Willis@wisconsin.gov

Sample Landowner/Farmer Letters:

See the attached Sample Landowner/Farmer Letters for both biosolids and industrial sludges.

Biosolids Communication Sample Letter

Date:

[Farmer Name / Landowner Name]:

[Address]:

Subject: Biosolids Application Notification

[Generator Name] is preparing to land apply biosolids on land you own and/or farm. As you likely know Biosolids are nutrient rich organic materials resulting from the treatment of domestic sewage in wastewater treatment facilities. When applied to land, they act as highly effective agricultural fertilizers and soil conditions that improve crop yields, supply essential macro and micronutrients, and enhance overall soil structure. Biosolids are great sources of nitrogen (N) and phosphorus (P). They provide secondary nutrients that crops need including calcium, magnesium, zinc, iron, copper and sulfur. They improve soil structure with increased organic matter, provide better water retention, help with erosion control, provide an excellent food source for beneficial soil microbes which break down nutrients to make the nutrients more accessible to plant roots.

Recently there has been a great deal of information in the news about Per- and polyfluoroalkyl substances (PFAS) in our environment. The intent of this letter is to provide a brief update on what is being done to control these substances in biosolids, our recent biosolids sample results, and where additional information can be obtained.

PFAS are a large group of chemicals used for decades in some industrial, commercial, and domestic settings and are found worldwide. Typical materials or processes that use or contain PFAS include firefighting foam, chrome plating, cookware coatings, waterproofing on clothing and carpet, and even food wrappers. Some PFAS, including perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA), have been phased out of production in the United States and are no longer approved for use. Even though they have not been used for years, their legacy remains given their strong chemical bonds resistant to degradation in the environment. Wastewater Treatment Facilities (WWTFs) do not generate PFAS chemicals, though they may receive discharges from certain industrial or commercial sources who have used PFAS.

As a result, PFAS may be found in treated wastewater and biosolids. Some of those PFAS are known to travel through water, can linger in the environment, and have the potential to impact the soil, water, and crops. PFAS has been found to build up in the tissue of fish and wildlife. Studies are underway to determine the impact of PFAS on animals, animal products, and crops.

Currently, the United States Environmental Protection Agency has released a draft risk-based assessment of PFAS in biosolids. Until the risk-based assessment is completed, the Wisconsin Department of Natural Resources, Water Quality Bureau (which regulates the land application of biosolids) has developed an interim strategy working with WWTFs to implement an approach, focusing on identifying and reducing significant sources of PFAS entering a WWTF and preventing impacted biosolids from being land applied.

Should you have additional questions concerning Wisconsin's strategy to monitor and reduce sources of PFAS in biosolids and industrial sludges, please do not hesitate to reach out to Statewide Residuals Coordinator, Fred Hegeman, via e-mail at Frederick.Hegeman@wisconsin.gov.

Our most recent PFOS plus PFOA testing result is: **[Result number] in parts per billion (ppb)**

Date:

Note: DNR's current threshold PFOA + PFOS concentration for prohibiting land application of biosolids is 100 ppb.

Industrial Sludge Sample Letter

Date:

Farmer Name / Landowner Name:

Address:

Subject: Industrial Sludge Land Application Notification

(Please add generator name) is preparing to apply industrial sludge on land you own and/or farm.

Industrial sludges can be quite beneficial to agricultural farm land. These sludges can provide soil conditioners, carbon and nutrients such as nitrogen (N) and phosphorus (P) to soils improving nutrient supply, improved soil structured and improved soil health, and increased crop production.

Recently there has been a great deal of information in the news about Per- and polyfluoroalkyl substances (PFAS) in our environment. The intent of this letter is to provide a brief update on what is being done to control these substances in industrial sludge, our recent industrial sludge sample results, and where additional information can be obtained.

PFAS are a large group of chemicals used for decades in some industrial, commercial, and domestic settings and are found worldwide. Typical materials or processes that use or contain PFAS include firefighting foam, chrome plating, cookware coatings, waterproofing on clothing and carpet, and even food wrappers. Some PFAS, including Perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA), which is commonly found in biosolids and in some particular industrial sludges, have been phased out of production in the United States and are no longer approved for use. Even though they have not been used for years, their legacy remains given their strong chemical bonds resistant to degradation in the environment.

Some of those PFAS are known to travel through water, can linger in the environment, and have the potential to impact the soil, water, and crops. PFAS has been found to build up in the tissue of fish and wildlife. Studies are underway to determine the impact of PFAS on animals, animal products, and crops.

Currently, the United States Environmental Protection Agency has released a draft risk-based assessment of PFAS in biosolids. Until the risk-based assessment is completed, the Wisconsin Department of Natural Resources, Water Quality Bureau (which regulates the land application of biosolids and industrial sludge) has developed an interim strategy working with WWTFs to implement an approach, focusing on identifying and reducing significant sources of PFAS entering a WWTF and preventing impacted biosolids and industrial sludge from being land applied.

Should you have additional questions concerning Wisconsin's strategy to monitor and reduce sources of PFAS in industrial sludges, please do not hesitate to reach out to Statewide Wastewater ResidualsCoordinator, Fred Hegeman, via e-mail at Frederick.Hegeman@wisconsin.gov

Our most recent PFOS plus PFOA testing result is: [Result number] in parts per billion (ppb):

Date:

Note: DNR's current PFOS + PFOA concentration threshold concentration for prohibiting land application of biosolids is 100 ppb.

Attachment A: Calculations for Tracking PFOA and PFOS Tracking

Page 1 of 2 page

ATTACHMENT A: CALCULATIONS FOR TRACKING

Part 1: Calculation of Dry Tons of Sludge Applied (US Dry Tons)

A. Actual Volume of Sludge applied. Use gals/acre OR cubic yards/acre.

1. Gal/Acre Cubic Yards/Acre
2. % Total Solids Content (in percent)

B. Calculate dry tons of sludge applied to site.

1. Using Gallons per Acre
 Gal/ac X % solids = Dry Tons/Acre
 X 0.0000417 =
2. Using Cubic Yards per Acre
 Cu Yds/ac X % solids = Dry Tons/Acre
 X 0.008425 =

Part 2: Calculation of PFOA, PFOS and PFOA+PFOS per Acre

A. Calculation Table

PFAS Parameter	Sludge Conc (ug/kg)	Dry Tons/Acre applied	Lbs/Acre of PFAS Parameter	Historical Loading (lbs/Acre)	Cumulative PFAS Parameter Loading (lbs/acre)
PFOA		X div by 500,000	+		
PFOS		X div by 500,000	+		
PFOA+PFOA		X div by 500,000	+		

Attachment A: Calculations for Tracking PFOA and PFOS Tracking

Page 2 of 2 pages

ATTACHMENT A--EXAMPLE

Part 1: Calculation of Dry Tons of Sludge Applied (US Dry Tons)

A. Actual Volume of Sludge applied. Use gals/acre OR cubic yards/acre.

1. Gal/Acre Cubic Yards/Acre

2. % Total Solids Content (in percent)

B. Calculate dry tons of sludge applied to site.

1. Using Gallons per Acre

$$\text{5118 Gal/ac} \times \text{5.01 \% solids} = \text{1.07 Dry Tons/Acre}$$

2. Using Cubic Yards per Acre

$$\text{Cu Yds/ac} \times \text{\% solids} = \text{Dry Tons/Acre}$$

Part 2: Calculation of PFOA, PFOS and PFOA+PFOS per Acre

A. Calculation Table

PFAS Parameter	Sludge Conc (ug/kg)	Dry Tons/Acre applied	Lbs/Acre of PFAS Parameter	Historical Loading (lbs/Acre)	Cumulative PFAS Parameter Loading (lbs/acre)
PFOA	7.3	X 10.7	1.562x10 ⁻⁴	0	1.56x10 ⁻⁴
PFOS	10.5	X 10.7	2.247x10 ⁻⁴	0	2.25x10 ⁻⁴
PFOA+PFOS	17.8	X 10.7	3.809x10 ⁻⁴	0	3.81x10 ⁻⁴



STAFF REPORT

Date: October 13, 2026

To: Sewer and Water Utility Committee

Re: Facility Assessment, Feasibility Study, and Long-Term Planning for the WWTP

Author(s): Megan Barnes, Utilities Director

Action(s) Requested: ☐ Ordinance ☐ Resolution ☒ Motion ☒ Receive/File

POLICY ISSUE(S)

“Should the Sewer and Water Utility Committee recommend for Village Board approval one of the three sludge processing projects outlined in the Facility Assessment, Feasibility Study, and Long-Term Planning for the Wastewater Treatment Facility, that should be pursued and implemented”

BACKGROUND INFORMATION

In 2024, the Village received notice from Sturgeon Bay Utilities (SBU) that their WWTP facility would be undergoing a large-scale biosolids treatment train upgrade in 2025. Due to the upgrade, the SBU facility would not be able to accept sludge from any of the northern door communities for the entire year of 2025, due to them only having the capacity to treat their own sludge produced once the upgrade started. NEW Water in Green Bay agreed to accept the sludge produced by Sister Bay for 2025, with the intent that the acceptance would be temporary, not indefinite.

The sludge handling and processing issues and discussions have been occurring since 2014 when Robert E. Lee was contracted to perform a Sludge Handling Study. With the SBU facility upgrade and recent biosolids PFAS limitations currently being explored by the Wisconsin Department of Natural Resources, the Village decided to compose and release an RFP to have an engineering firm complete a Facility Assessment, Feasibility Study, and Long-Term Planning for the Wastewater Treatment Facility.

In fall of 2025, SBU informed the Village that their upgrade was significantly delayed due to back-ordered equipment necessary for the upgrade. SBU communicated that the northern door communities would again have to secure alternative sludge disposal options for 2026. Acceptance was gained at the NEW Water facility for an additional year of sludge disposal services at that facility.

PRIOR ACTION/REVIEW

January 9, 2025: A Request for Proposals was issued for Facility Assessment, Feasibility Study, and Long-Term Facilities Planning for the Wastewater Treatment Facility.

February 11, 2025: Sewer and Water Utility Committee reviewed the received RFPs. A recommendation was made to the Village Board that McMahon Associates, Inc., be awarded the contract for the Facility Assessment, Feasibility Study, and Long-Term Facilities Planning of the Wastewater Treatment Facility.

February 18, 2025: Village board approved the contract with McMahon Associates, Inc. to complete the Facility Assessment, Feasibility Study, and Long-Term Facilities Planning of the Wastewater Treatment Facility of the Wastewater Treatment Plant.

September 9, 2025: Sewer and Water Utility Committee received a presentation from McMahon Associates, Inc. on the completed Facility Assessment, Feasibility Study, and Long-Term Facilities Planning of the Wastewater Treatment Facility. The report outlines three sludge disposal options as well as a few WWTP system upgrades.

1. Sludge Drying Facility
2. Reed Bed System Addition
3. Continue Hauling Sludge to Sturgeon Bay WWTP (If this option is considered, it is important to note that Sturgeon Bay may require the northern door communities to pay for the installation of an additional sludge storage tank at their facility to accommodate the space needed for the sludge produced by the northern door communities.)
4. WWTP Upgrades – Oxidation Ditch, Sludge Pump, Effluent Reuse

December 9, 2025: Sewer and Water Utility Committee received a presentation from BCR Solid Solutions. The opinion of probable cost for the proposed dryer facility is \$17,800,000. The preliminary opinion of probable annual costs for Sister Bay alone is \$199,800 and \$247,200 with other communities. The opinion of probable annual costs assumes that the dried biosolids are distributed for free.

February 10, 2026: Sewer and Water Utility Committee received a presentation from Reed Bed Systems. The opinion of probable cost for the proposed Sister Bay alone reed bed system is \$3,100,000. The preliminary opinion of probable annual costs for Sister Bay alone is \$97,100. The opinion of probable cost for the proposed Sister Bay with other communities reed bed system is \$4,334,100. The preliminary opinion of probable annual costs for Sister Bay with other communities is \$147,500.

At the March 10, 2026, meeting of the Sewer and Water Utility Committee the committee discussed setting a six-month timeline for regional discussions, after which they would proceed with reed beds if no agreement could be reached. The committee agreed to pursue regional discussions for the sludge drying facility while maintaining reed beds as the fallback option if Sister Bay proceeds alone. The item will be placed on the March board meeting agenda for discussion.

At the March 24, 2026, the meeting of the Village Board, Trustees discussed the challenge of coordinating multiple municipalities but emphasized the importance of attempting collaboration.

On April 1, 2026, the Administrators of Fish Creek and Ephraim joined Utilities Director Barnes and Administrator Andrews for a discussion on regionalization opportunities. Based off that discussion with the other communities, regionalization is possible, but the communities favored the expense associated with reed bed addition versus the sludge dryer. Discussion was also had on the challenges of coordinating cost sharing due to each facility needing their own improvements and upgrades which will impact rates for each community already.

FINANCIAL INFORMATION

FISCAL IMPACT:

- | | |
|------------------------------|-------------------------------------|
| 1. Is There a Fiscal Impact? | <u>Yes</u> |
| 2. Is it Currently Budgeted? | <u>Yes-Largest Expense Budgeted</u> |
| 3. If Budgeted, Where: | <u>CIP</u> |
| 4. Amount: | <u>\$17,800,000</u> |

RECOMMENDED ACTION(S)

Village staff recommends discussion on the three sludge disposal options outlined and reviewed in the Facility Assessment, Feasibility Study, and Long-Term Planning for the Wastewater Treatment Facility, and to make a recommendation on which sludge processing option to pursue, to the Village Board.

POLICY ALTERNATIVE(S)

The Sewer and Water Utility Committee could take the following actions:

1. Approve with Recommendation as Presented

“I move to recommend the Facility Assessment, Feasibility Study, and Long-Term Planning for the Wastewater Treatment Facility as presented to the Village Board for approval, with the [Sludge Processing Option Recommended] recommended for approval.”

2. Deny (No Action Alternative)

“I move to reject the Facility Assessment, Feasibility Study, and Long-Term Planning for the Wastewater Treatment Facility and take no further action at this time.”

3. Postpone- Seek Additional Information

“I move to postpone action on the Facility Assessment, Feasibility Study, and Long-Term Planning for the Wastewater Treatment Facility, and direct staff to return to the SWUC with additional information regarding [List Information Sought] at a future meeting.”

ATTACHMENT(S)

Facility Assessment, Feasibility Study, and Long-Term Planning for the Wastewater Treatment Facility



FACILITY STUDY ENGINEERING REPORT

Date: October 13, 2026

To: Sewer and Water Utility Committee
Re: Wastewater Treatment Facility Study - Engineering Report
Author(s): Megan Barnes, Utilities Director

Link to access the complete Wastewater Treatment Facility Facility Assessment, Feasibility Study & Long-Term Facility Planning:

<https://storage.googleapis.com/juniper-media-library/57/2026/10/6c2.%20WWTP%20Facility%20Study%20Complete.pdf>



Village of Sister Bay
Sewer and Water Utilities Committee Operations Report

Sewer and Water Utilities Committee Meeting
October 13, 2026

Capacity Report

See the attached report for August 2026.

Well Permit Status Report

2026 well permit status; see enclosed information.

Review Financial Statements

See the attached financial reports.

Simplified Rate Case

The application for a simplified rate case has been started. A notice will be published in the October 23, 2026, issue of the Peninsula Pulse and the application will be submitted to the PSC on October 30, 2026. The rate effective date requested is January 1, 2027.

Sludge Tank Aeration Replacement

Materials for replacement have been submitted for production. Delivery is scheduled for November 13, 2026. The demo of the existing equipment is scheduled for November 9, 2026. August and Winters is hoping to have the installation complete by November 20, 2026.

DNR Sanitary Survey

Our DNR Representative was on site at the WWTP on September 22, 2026, for the Village's wastewater facility inspection. The inspection is required as part of the WPDES permit renewal process. The purpose of the inspection is to determine compliance with the conditions of the WPDES permit and review wastewater operations and management activities at the facility.

Valve Turning

Annual valve turning has commenced. Operators will be exercising every main valve and hydrant valve in the distribution system.

Electrical Outage

WPS notified the Village of a planned electrical outage on October 6, 2026, from 11:30 pm to October 7, 2026, at 3:30 am. Operators came in at 9:30 pm to set up the required portable generators and to wait for the transfer to ensure all programming and operations were functioning. Everything operated perfectly on the available emergency backup power sources. No issues arose and it was a great training refresher on emergency backup power operations for all of the Operators.

Megan Barnes, Utilities Director

Village of Sister Bay Utilities						
P.O. Box 91, Sister Bay, WI 54234						
Phones: Voice 920-854-2246 Fax 920-854-7602 Cell 920-421-0254						
Sister Bay, Liberty Grove Utility District, and Town of Liberty Grove						
Treatment Plant Capacities Calculations						
For:	August-2026					
	WWTP	Sister Bay			LGSD #1	Liberty Grove
	Influent	Hauled	Sewered	Total Sister Bay Flow	Sewered	Hauled
Hydraulic Flow (mgd)	9.233	0.062	7.265	7.327	0.772	1.133
Water Sales Ratios			0.9039		0.0961	
	WWTP	Sister Bay			LGSD #1	Liberty Grove
	Influent	Hauled	Sewered	Total Sister Bay Flow	Sewered	Hauled
SEWERED BOD lbs/day	30227		27322		2905	
HAULED BOD lbs/day	5065	269				4796
Total BOD lbs	35292			27591	2905	4796
	WWTP	Sister Bay			LGSD #1	Liberty Grove
	Influent	Hauled	Sewered	Total Sister Bay Flow	Sewered	Hauled
SEWERED TSS lbs/day	29596		26752		2844	
HAULED TSS lbs/day	5336	278				5057
Total TSS lbs	34931			27030	2844	5057
		Sister Bay		LGSD #1		Liberty Grove
Purchased Flow Capacity in mgd		0.62		0.059		0.266
Monthly Daily Average		0.236		0.025		0.037
Percent of used Capacity		38.12%		42.23%		13.75%
Purchased BOD Capacity in lbs/day		905		105		1359
Monthly Daily Average		890		94		155
Percent of used Capacity		98%		89.24%		11.39%
Purchased TSS Capacity in lbs/day		1076		101		999
Monthly Daily Average		872		92		163
Percent of used Capacity		81.03%		90.84%		16.33%



MEMO

To: Sewer and Water Utilities Committee
From: Kara Kroll, Utilities Clerk
Subject: 2026 Well Testing & Permitting
Date: September 23, 2026

Wells inside the service area:

Written notifications were sent to well owners on May 1st, July 1st and August 1st

Total wells due for testing inside the service area = 16

Wells currently in compliance	14
Wells in the sampling process	0
Wells with no response	0
Wells abandoned (waiting for documents)	0
Wells with proof of abandonment	1
Wells waiting to be abandoned	1

VILLAGE OF SISTER BAY
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

70

WATER

SOURCE 46

	PERIOD ACTUAL	YTD ACTUAL	BUDGET AMOUNT	VARIANCE	% OF BUDGET
610-46110-000-000 ASSESSMENT LETTER FEES	645.00	1,515.00	3,000.00	(1,485.00)	50.50
610-46451-100-000 METERED WATER SALES - VILLAGE	9,003.65	17,026.72	18,500.00	(1,473.28)	92.04
610-46451-200-000 METERED WATER SALES-COMMERCIAL	44,995.09	91,874.68	122,000.00	(30,125.32)	75.31
610-46451-400-000 METERED WATER SALES-RESIDENT'L	65,775.23	158,539.79	210,000.00	(51,460.21)	75.50
610-46451-500-000 METERED WATER SALES-MULTIFAM	7,369.65	19,524.47	28,250.00	(8,725.53)	69.11
610-46451-900-000 SERVICE TO OTHER WATER SYSTEMS	.00	.00	50.00	(50.00)	.00
610-46452-000-000 WATER SYSTEM MAINTENANCE	.00	.00	2,500.00	(2,500.00)	.00
610-46452-100-000 WATER SYSTEM/HYDRANT MAINT - V	.00	.00	50.00	(50.00)	.00
610-46454-000-000 CONNECTION FEES - WATER	664.67	997.19	2,500.00	(1,502.81)	39.89
610-46455-000-000 PUBLIC FIRE PROTECTION	13,504.38	40,515.22	54,000.00	(13,484.78)	75.03
610-46455-100-000 PUBLIC FIRE PROT - VILLAGE	746.45	2,227.45	2,954.00	(726.55)	75.40
610-46455-900-000 PUBLIC FIRE PROT.-HYDRANT RENT	13,093.75	39,281.25	52,375.00	(13,093.75)	75.00
610-46456-000-000 PRIVATE FIRE PROTECT/SPRINKLRS	3,582.60	10,788.71	14,600.00	(3,811.29)	73.90
610-46456-100-000 UNMETERED WATER SALES-VILLAGE	.00	.00	50.00	(50.00)	.00
610-46456-200-000 UNMETERED WATER SALES-COMM/PUB	.00	2,411.24	1,500.00	911.24	160.75
610-46457-000-000 HYDRANT USE -COMMERCIAL/PUBLIC	.00	2,040.00	950.00	1,090.00	214.74
610-46457-100-000 HYDRANT USE - VILLAGE	.00	.00	100.00	(100.00)	.00
610-46470-000-000 LATE PAYMENT PENALTIES	122.34	469.59	600.00	(130.41)	78.27
610-46472-000-000 RENT FROM WATER DEPT PROPERTY	.00	.00	4,800.00	(4,800.00)	.00
TOTAL SOURCE 46	159,502.81	387,211.31	518,779.00	(131,567.69)	74.64

SOURCE 47

610-47341-810-000 ADMIN CHARGES - LGUD (W)	.00	6,080.43	9,500.00	(3,419.57)	64.00
610-47341-820-000 WATER SYSTEM MAINT - LGUD	.00	.00	2,000.00	(2,000.00)	.00
610-47341-830-000 SALE OF WATER - LGUD	.00	6,482.40	19,750.00	(13,267.60)	32.82
610-47341-850-000 UNMETERED WATER SALES - LGUD	81.40	383.32	250.00	133.32	153.33
610-47341-860-000 PUBLIC FIRE PROTECTION -LGUD	.00	2,782.00	5,564.00	(2,782.00)	50.00
610-47341-870-000 WATER TESTING FEES	780.00	1,470.00	2,000.00	(530.00)	73.50
TOTAL SOURCE 47	861.40	17,198.15	39,064.00	(21,865.85)	44.03

SOURCE 48

610-48110-000-000 INTEREST/DIVIDENDS - WATER	7,239.65	52,463.60	60,000.00	(7,536.40)	87.44
610-48300-000-000 SALE OF PROPERTY - WATER	.00	.00	3,200.00	(3,200.00)	.00
610-48420-710-000 IMPACT FEE-DOWNTOWN WATER MAIN	5,520.73	7,070.53	8,200.00	(1,129.47)	86.23
610-48425-000-000 SURCHARGE: W SYSTEM SERVICE	8.14	38.33	225.00	(186.67)	17.04
610-48428-000-000 RECONNECT FEES & MISC. - WATER	.00	1,635.00	2,000.00	(365.00)	81.75
610-48429-000-000 WELL PERMITS	650.00	700.00	800.00	(100.00)	87.50
610-48490-000-000 OTHER WATER SYSTEM REVENUE	.00	1,185.13	5,575.00	(4,389.87)	21.26
610-48491-000-000 REFUNDS/REBATES - W	.00	17.00	.00	17.00	.00
610-48495-000-000 MISC NON-OPERATING REVENUE	210.00	345.00	1,000.00	(655.00)	34.50
TOTAL SOURCE 48	13,628.52	63,454.59	81,000.00	(17,545.41)	78.34

VILLAGE OF SISTER BAY
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

WATER

		PERIOD ACTUAL	YTD ACTUAL	BUDGET AMOUNT	VARIANCE	% OF BUDGET
SOURCE 49						
610-49300-000-000	CAPITAL CONTRIBUTIONS - WATER	.00	.00	400,000.00	(400,000.00)	.00
610-49495-000-000	MISC CHARGES FOR SERVICES	.00	56.90	.00	56.90	.00
TOTAL SOURCE 49		.00	56.90	400,000.00	(399,943.10)	.01
TOTAL WATER REVENUE		173,992.73	467,920.95	1,038,843.00	(570,922.05)	45.04

VILLAGE OF SISTER BAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

WATER

		PERIOD		BUDGET		% OF
		ACTUAL	YTD ACTUAL	AMOUNT		BUDGET
610-61500-111-000	WAGES - VILLAGE WATER	.00	.00	96,836.90	96,836.90	.00
610-61500-111-620	WAGES - PUMPING	2,425.61	7,799.98	.00 (	7,799.98)	.00
610-61500-111-626	WAGES - GROUNDS MAINT	.00	.00	791.00	791.00	.00
610-61500-111-640	WAGES - DISTRIBUTION SYSTEM	1,140.56	2,098.78	.00 (	2,098.78)	.00
610-61500-111-650	WAGES - RESERVOIRS/STANDPIPES	99.39	231.91	.00 (	231.91)	.00
610-61500-111-651	WAGES - MAINS	673.35	1,074.94	.00 (	1,074.94)	.00
610-61500-111-652	WAGES - SERVICES	132.52	1,153.54	.00 (	1,153.54)	.00
610-61500-111-653	WAGES - METERS	1,714.72	8,961.91	.00 (	8,961.91)	.00
610-61500-111-654	WAGES - HYDRANTS	1,505.08	3,257.58	.00 (	3,257.58)	.00
610-61500-111-655	WAGES - MISC OTHER	.00	99.39	.00 (	99.39)	.00
610-61500-111-901	WAGES - METER READING	331.31	712.31	.00 (	712.31)	.00
610-61500-111-906	WAGES - CUSTOMER SERVICE	99.39	207.06	.00 (	207.06)	.00
610-61500-111-920	WAGES - ADMIN, WATER	11,779.88	33,222.53	17,588.00 (	15,634.53)	188.89
610-61500-111-930	WAGES - TRAINING, WATER	1,455.45	3,111.87	.00 (	3,111.87)	.00
610-61500-112-000	OVERTIME	.00	.00	4,749.12	4,749.12	.00
610-61500-112-620	OVERTIME - PUMPING	198.79	504.47	.00 (	504.47)	.00
610-61500-112-640	OVERTIME - DISTRIBUTION SYSTEM	49.70	49.70	.00 (	49.70)	.00
610-61500-112-651	OVERTIME - MAINS	117.12	117.12	.00 (	117.12)	.00
610-61500-112-652	OVERTIME - SERVICES	.00	99.39	.00 (	99.39)	.00
610-61500-112-653	OVERTIME - METERS	149.09	298.18	.00 (	298.18)	.00
610-61500-112-654	OVERTIME - HYDRANTS	187.38	187.38	.00 (	187.38)	.00
610-61500-112-901	OVERTIME - METER READING	49.70	49.70	.00 (	49.70)	.00
610-61500-112-906	OVERTIME - CUSTOMER SERVICE	90.33	90.33	.00 (	90.33)	.00
610-61500-112-930	OVERTIME - ON CALL WATER	1,037.50	2,812.50	3,421.88	609.38	82.19
610-61500-113-620	COMP TIME USED	497.42	760.60	.00 (	760.60)	.00
610-61500-114-930	PAID LEAVE	1,900.40	6,301.98	13,500.00	7,198.02	46.68
610-61500-121-902	WAGES - CLERK - WATER	5,013.58	13,618.95	21,435.23	7,816.28	63.54
610-61500-122-902	OVERTIME - CLERK - WATER	239.61	475.57	618.32	142.75	76.91
610-61500-131-926	RETIREMENT	2,299.16	6,411.21	9,845.00	3,433.79	65.12
610-61500-132-408	SOCIAL SECURITY	2,276.24	6,338.31	10,562.00	4,223.69	60.01
610-61500-133-926	INSURANCE, MEDICAL	9,408.82	26,975.13	42,952.00	15,976.87	62.80
610-61500-134-926	INSURANCE, DENTAL	587.89	1,695.35	2,679.00	983.65	63.28
610-61500-135-926	INSURANCE, GROUP LIFE	65.05	175.63	224.00	48.37	78.41
610-61500-136-926	INSURANCE, DISABILITY	132.43	372.90	527.00	154.10	70.76
610-61500-137-925	HSA BENEFITS	1,891.14	5,099.04	8,694.00	3,594.96	58.65
610-61500-138-925	EAP BENEFITS	62.04	186.12	250.00	63.88	74.45
610-61500-140-925	VISION BENEFITS	65.65	191.41	297.00	105.59	64.45
610-61500-141-903	UNIFORMS & CLOTHING	74.77	74.77	900.00	825.23	8.31
610-61500-142-930	RECRUITMENT/TESTING/PHYSICALS	.00	.00	750.00	750.00	.00
610-61500-143-930	RECOGNITION	.00	.00	1,065.00	1,065.00	.00
610-61500-144-630	MILEAGE - TREATMENT	.00	.00	300.00	300.00	.00
610-61500-144-921	MILEAGE - OFFICE EXP	80.41	116.14	275.00	158.86	42.23
610-61500-144-930	MILEAGE - ADMIN MISC	.00	316.35	300.00 (	16.35)	105.45
610-61500-145-930	EXPENSE ALLOWANCE/MEALS	22.24	22.24	500.00	477.76	4.45
PERSONNEL		47,853.72	135,272.27	239,060.45	103,788.18	56.58

VILLAGE OF SISTER BAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

WATER

	PERIOD ACTUAL	YTD ACTUAL	BUDGET AMOUNT		% OF BUDGET
610-61500-200-602 OTHER SERVICES-PUMPING	.00	.00	500.00	500.00	.00
610-61500-200-630 TESTING	3,480.96	3,480.96	2,000.00	(1,480.96)	174.05
610-61500-200-923 MISC. OTHER SERVICES	2,008.03	4,231.98	6,000.00	1,768.02	70.53
610-61500-201-622 ELECTRIC POWER	6,675.64	18,975.26	25,000.00	6,024.74	75.90
610-61500-202-622 FUEL FOR PUMPING	.00	.00	1,000.00	1,000.00	.00
610-61500-203-921 TELEPHONES	492.57	1,231.54	1,300.00	68.46	94.73
610-61500-204-921 CELLPHONES	321.72	963.81	1,800.00	836.19	53.55
610-61500-205-921 INTERNET	122.40	344.98	1,870.00	1,525.02	18.45
610-61500-206-921 TELEMETRY	.00	.00	5,000.00	5,000.00	.00
610-61500-209-923 LEGAL SERVICES - WATER	.00	.00	500.00	500.00	.00
610-61500-210-923 AUDIT & CONSULTING	1,124.07	3,306.87	13,000.00	9,693.13	25.44
610-61500-212-923 ENGINEERING	220.00	728.50	10,000.00	9,271.50	7.29
610-61500-213-923 OUTSIDE SERVICES EMPLOYED	50.56	471.27	1,000.00	528.73	47.13
CONTRACTUAL SERVICES	14,495.95	33,735.17	68,970.00	35,234.83	48.91

VILLAGE OF SISTER BAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

WATER

	PERIOD ACTUAL	YTD ACTUAL	BUDGET AMOUNT		% OF BUDGET
610-61500-301-602 EQUIP GAS/OIL - SOURCE OF SUP.	88.74	104.99	25.00	(79.99)	419.96
610-61500-301-623 EQUIP GAS/OIL - PUMPING	.00	.00	200.00	200.00	.00
610-61500-301-641 EQUIP GAS/OIL - T&D	.00	.00	200.00	200.00	.00
610-61500-301-933 VEHICLE GAS/OIL/FLUIDS	696.93	1,420.80	2,200.00	779.20	64.58
610-61500-310-921 COMPUTER HARDWARE/SOFTWARE	584.80	1,353.57	9,000.00	7,646.43	15.04
610-61500-310-923 ACCOUNTING/SOFTWARE SUPPORT	476.15	4,844.28	5,500.00	655.72	88.08
610-61500-312-921 INFORMATION TECHNOLOGY	275.02	891.44	3,600.00	2,708.56	24.76
610-61500-321-921 OFFICE SUPPLIES & EXP.	214.11	320.11	1,200.00	879.89	26.68
610-61500-322-921 POSTAGE & SHIPPING	263.98	932.47	1,200.00	267.53	77.71
610-61500-324-921 PRINTING & COPYING	189.70	904.40	1,800.00	895.60	50.24
610-61500-325-921 LEGAL NOTICES & ADS	.00	428.45	500.00	71.55	85.69
610-61500-326-921 OFFICE EQUIPMENT - OFFICE EXP	7.55	22.79	75.00	52.21	30.39
610-61500-331-930 MEMBERSHIP DUES	.00	1,362.60	1,200.00	(162.60)	113.55
610-61500-332-000 TRAINING	43.69	113.39	.00	(113.39)	.00
610-61500-332-602 TRAINING - SOURCE OF SUPPLY	.00	366.35	500.00	133.65	73.27
610-61500-332-630 TRAINING - TREATMENT	45.00	45.00	800.00	755.00	5.63
610-61500-332-640 TRAINING - T&D OP	.00	406.76	.00	(406.76)	.00
610-61500-332-921 TRAINING - OFFICE EXP	.00	.00	500.00	500.00	.00
610-61500-332-930 TRAINING - ADMIN MISC	.00	125.00	1,000.00	875.00	12.50
610-61500-351-623 MED/SAFETY - PUMPING	.00	.00	250.00	250.00	.00
610-61500-351-632 MED/SAFETY - TREATMENT	53.31	87.97	500.00	412.03	17.59
610-61500-351-930 MED/SAFETY - MISC GENERAL	.00	.00	500.00	500.00	.00
610-61500-352-641 TOOLS/MINOR EQUIP - T&D	635.41	835.90	2,500.00	1,664.10	33.44
610-61500-352-653 TOOLS/MINOR EQUIP - METERS	.00	49.96	250.00	200.04	19.98
610-61500-352-903 TOOLS/MINOR EQUIP - ADMIN MISC	.00	.00	250.00	250.00	.00
610-61500-352-930 TOOLS/MINOR EQUIP - MISC GEN	9.76	164.59	2,200.00	2,035.41	7.48
610-61500-353-641 MISC. OTHER SUP. - T&D	.00	.00	200.00	200.00	.00
610-61500-353-650 MISC. OTHER SUP. - RESERVOIRS	.00	.00	200.00	200.00	.00
610-61500-353-652 MISC. OTHER SUP. - SERVICES	.00	27.96	1,000.00	972.04	2.80
610-61500-353-653 MISC. OTHER SUP. - METERS	.00	97.00	500.00	403.00	19.40
610-61500-353-654 MISC. OTHER SUP. - HYDRANTS	.00	.00	500.00	500.00	.00
610-61500-353-655 MISC. OTHER SUP. - OTHER PLANT	.00	.00	500.00	500.00	.00
610-61500-353-921 MISC. OTHER SUPPLIES - ADMIN	.00	.00	500.00	500.00	.00
610-61500-354-921 MAPS	.00	.00	150.00	150.00	.00
610-61500-358-623 MISC OP. SUPPLIES - WELLS	.00	5.58	200.00	194.42	2.79
610-61500-358-625 MISC OP. SUPPLIES - WELL MAINT	.00	.00	175.00	175.00	.00
610-61500-358-641 MISC SYS OP SUP - T&D	.00	.00	250.00	250.00	.00
610-61500-361-650 DISTRIBUTION MAINT - STORAGE	.00	.00	5,000.00	5,000.00	.00
610-61500-361-651 DISTRIBUTION MAINT - MAINS	.00	.00	3,000.00	3,000.00	.00
610-61500-361-652 DISTRIBUTION MAINT - SERVICES	4,637.98	10,225.08	1,000.00	(9,225.08)	1,022.51
610-61500-361-653 DISTRIBUTION MAINT - METERS	.00	13.77	1,500.00	1,486.23	.92
610-61500-361-654 HYDRANT MAINTENANCE	.00	.00	2,500.00	2,500.00	.00
610-61500-361-655 DISTRIBUTION MAINT - OTHER	.00	.00	500.00	500.00	.00
610-61500-362-600 LAWN MAINTENANCE - WELLS	.00	.00	100.00	100.00	.00
610-61500-363-933 VEHICLE MAINTENANCE	27.18	116.23	750.00	633.77	15.50
610-61500-366-000 WATER PLANT (WELLS & STORAGE)	.00	27,471.00	65,000.00	37,529.00	42.26
610-61500-366-623 WATER PLANT - PUMPING OP.	.00	16.99	5,000.00	4,983.01	.34
610-61500-366-625 WATER PLANT - PUMPING MAINT	789.51	11,562.97	3,200.00	(8,362.97)	361.34
610-61500-366-635 WATER PLANT - TREATMENT MAINT	404.97	404.97	1,000.00	595.03	40.50
610-61500-366-935 WATER PLANT - FACILITY MAINT	.00	.00	750.00	750.00	.00
610-61500-369-602 EQUIP MAINT - SOURCE OF SUPPLY	.00	.00	250.00	250.00	.00
610-61500-369-625 EQUIP MAINT - PUMPING	.00	.00	250.00	250.00	.00

VILLAGE OF SISTER BAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

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WATER

		PERIOD ACTUAL	YTD ACTUAL	BUDGET AMOUNT		% OF BUDGET
	SUPPLIES AND EXPENSE	9,443.79	64,722.37	129,925.00	65,202.63	49.82
610-61500-401-921	CUSTODIAL SUPPLIES	7.93	20.16	250.00	229.84	8.06
610-61500-402-631	CHEMICALS	964.15	2,907.49	3,500.00	592.51	83.07
610-61500-403-630	WATER TESTING SUPPLIES	1,168.36	3,041.20	3,500.00	458.80	86.89
610-61500-403-653	METER PARTS & SUPPLIES	.00	30.00	500.00	470.00	6.00
610-61500-408-652	DISTRIBUTION PARTS - W SYSTEM	.00	.00	1,000.00	1,000.00	.00
610-61500-408-654	HYDRANT PARTS & SUPPLIES	.00	197.49	2,000.00	1,802.51	9.87
	BUILDING MATERIALS	2,140.44	6,196.34	10,750.00	4,553.66	57.64
610-61500-510-924	PROPERTY INSURANCE	.00	4,269.09	4,104.00	(165.09)	104.02
610-61500-510-925	LIABILITY INSURANCE	394.20	1,204.20	2,500.00	1,295.80	48.17
610-61500-511-925	VEHICLE & EQUIPMENT INSURANCE	166.00	568.00	1,000.00	432.00	56.80
610-61500-512-925	INSURANCE, WORK COMP	523.16	1,565.32	3,678.00	2,112.68	42.56
610-61500-550-921	BANK FEES & FINANCE CHARGES	336.11	1,305.77	1,500.00	194.23	87.05
610-61500-551-408	TAXES - WATER	.00	.00	(12,000.00)	(12,000.00)	.00
610-61500-551-928	MISC OTHER EXP - REGULATORY	.00	.00	750.00	750.00	.00
	FIXED CHARGES	1,419.47	8,912.38	1,532.00	(7,380.38)	581.75
610-61500-899-403	DEPRECIATION EXP -WATER SYSTEM	47,499.99	142,499.99	190,000.00	47,500.01	75.00
	CAPITAL OUTLAY	47,499.99	142,499.99	190,000.00	47,500.01	75.00
610-61500-900-408	PAYMENT IN LIEU OF TAXES	13,749.99	41,249.99	55,000.00	13,750.01	75.00
	COST REALLOCATION	13,749.99	41,249.99	55,000.00	13,750.01	75.00
	TOTAL DEPARTMENT 500	136,603.35	432,588.51	695,237.45	262,648.94	62.22
	<u>DEPARTMENT 000</u>					
610-64000-111-000	WAGES - LGSD WATER	1,044.96	1,622.52	7,746.95	6,124.43	20.94
610-64000-112-000	OVERTIME - LGSD WATER	.00	124.24	379.93	255.69	32.70
	PERSONNEL	1,044.96	1,746.76	8,126.88	6,380.12	21.49
610-64000-200-930	LGUD OTHER REIMB	74.66	203.61	750.00	546.39	27.15
610-64000-201-622	LGUD ELECTRIC - REIMB.	538.05	797.33	.00	(797.33)	.00
	CONTRACTUAL SERVICES	612.71	1,000.94	750.00	(250.94)	133.46

VILLAGE OF SISTER BAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

WATER

	PERIOD ACTUAL	YTD ACTUAL	BUDGET AMOUNT		% OF BUDGET
610-64000-324-921 PRINTING & COPYING LGUD	.00	.00	125.00	125.00	.00
SUPPLIES AND EXPENSE	.00	.00	125.00	125.00	.00
	1,657.67	2,747.70	9,001.88	6,254.18	30.52
TOTAL FUND EXPENDITURES	138,261.02	435,336.21	704,239.33	268,903.12	61.82
NET REVENUES OVER EXPENDITURES	35,731.71	32,584.74	334,603.67	(839,825.17)	9.74

VILLAGE OF SISTER BAY
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

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WASTEWATER

	PERIOD ACTUAL	YTD ACTUAL	BUDGET AMOUNT	VARIANCE	% OF BUDGET
<u>SOURCE 46</u>					
620-46411-100-000 SEWER SERVICE - VILLAGE (WW)	6,338.77	16,079.59	28,868.45	(12,788.86)	55.70
620-46411-200-000 SEWER SERVICE - COMMERCIAL	96,952.86	230,075.28	323,001.65	(92,926.37)	71.23
620-46411-400-000 SEWER SERVICE - RESIDENTIAL	177,258.38	487,012.59	713,369.15	(226,356.56)	68.27
620-46411-500-000 SEWER SERVICE - MULTI FAMILY	23,746.67	67,610.78	101,764.65	(34,153.87)	66.44
620-46415-100-000 SEPTIC & HOLDING - SISTER BAY	3,922.97	8,712.38	11,233.75	(2,521.37)	77.56
620-46415-800-000 SEPTIC & HOLDING-LIBERTY GROVE	67,528.03	138,192.32	222,840.10	(84,647.78)	62.01
620-46415-900-000 SEPTIC & HOLDING - OTHER AREAS	242.26	804.84	5,000.00	(4,195.16)	16.10
620-46416-100-000 UNMETERED WASTEWATER - VILLAGE	.00	.00	150.00	(150.00)	.00
620-46416-200-000 UNMETERED WASTEWATER - COMMERC	.00	.00	150.00	(150.00)	.00
620-46470-000-000 LATE PAYMENT FEES	274.14	1,842.03	4,775.00	(2,932.97)	38.58
620-46472-000-000 RENT FROM WW DEPT PROPERTY	.00	.00	1,420.00	(1,420.00)	.00
TOTAL SOURCE 46	376,264.08	950,329.81	1,412,572.75	(462,242.94)	67.28
<u>SOURCE 47</u>					
620-47341-810-000 ADMIN CHARGES - LGUD (WW)	.00	5,270.43	8,500.00	(3,229.57)	62.01
620-47341-820-000 FIXED SEWER METER CHARGES-LGUD	.00	78,487.78	134,746.65	(56,258.87)	58.25
620-47341-840-000 MEASURED SEWER SERVICE - LGUD	.00	6,870.50	20,000.00	(13,129.50)	34.35
620-47341-850-000 UNMETERED WASTEWATER - LGUD	2.25	2.25	150.00	(147.75)	1.50
TOTAL SOURCE 47	2.25	90,630.96	163,396.65	(72,765.69)	55.47
<u>SOURCE 48</u>					
620-48110-000-000 INTEREST/DIVIDENDS - WW	10,564.25	65,311.62	75,000.00	(9,688.38)	87.08
620-48300-000-000 SALE OF WW PROPERTY	.00	.00	5,900.00	(5,900.00)	.00
620-48491-000-000 REFUNDS/REBATES - WW	.00	29.50	.00	29.50	.00
620-48495-000-000 MISC OTHER REVENUE	.00	.00	500.00	(500.00)	.00
TOTAL SOURCE 48	10,564.25	65,341.12	81,400.00	(16,058.88)	80.27
TOTAL WASTEWATER REVENUE	386,830.58	1,106,301.89	1,657,369.40	(551,067.51)	66.75

VILLAGE OF SISTER BAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

TREATMENT

	PERIOD ACTUAL	YTD ACTUAL	BUDGET AMOUNT		% OF BUDGET
620-62500-111-060	WAGES - MAIN LIFT STATION	481.52	1,846.58	.00 (1,846.58)	.00
620-62500-111-062	WAGES - JOINT WWTP	35,887.01	92,969.40	168,040.50	75,071.10 55.33
620-62500-111-626	WAGES - WWTP GROUNDS MAINT	595.70	928.04	1,245.00	316.96 74.54
620-62500-112-060	OVERTIME - MAIN LIFT STATION	49.70	111.04	.00 (111.04)	.00
620-62500-112-062	OVERTIME - JOINT WWTP	2,840.89	5,912.90	8,241.12	2,328.22 71.75
620-62500-113-000	COMP TIME USED	863.68	1,320.54	3,421.88	2,101.34 38.59
620-62500-114-000	PAID LEAVE - JOINT WWTP	3,296.94	10,932.88	.00 (10,932.88)	.00
620-62500-121-902	WAGES, CLERK - WW	8,699.89	23,631.72	37,196.43	13,564.71 63.53
620-62500-121-920	WAGES, ADMIN - WW	20,016.75	56,040.72	30,000.00 (26,040.72)	186.80
620-62500-122-902	OVERTIME - CLERK - WWTP	416.01	824.31	1,072.97	248.66 76.83
620-62500-131-000	RETIREMENT	5,266.64	14,005.25	16,537.00	2,531.75 84.69
620-62500-132-000	SOCIAL SECURITY	5,217.17	13,882.46	17,713.00	3,830.54 78.37
620-62500-133-000	INSURANCE, MEDICAL	23,022.11	60,334.80	72,441.00	12,106.20 83.29
620-62500-134-000	INSURANCE, DENTAL	1,490.15	3,898.47	4,506.00	607.53 86.52
620-62500-135-000	INSURANCE, GROUP LIFE	135.62	343.41	362.00	18.59 94.86
620-62500-136-000	INSURANCE, DISABILITY	299.77	788.04	884.00	95.96 89.14
620-62500-137-000	HSA BENEFITS	3,643.49	9,873.79	14,655.00	4,781.21 67.37
620-62500-138-000	EAP BENEFITS	124.05	372.15	500.00	127.85 74.43
620-62500-140-000	VISION BENEFITS	176.75	460.91	502.00	41.09 91.81
620-62500-141-000	UNIFORMS & CLOTHING	129.74	129.74	1,950.00	1,820.26 6.65
620-62500-142-000	RECRUITMENT/TESTING/PHYSICALS	.00	.00	1,000.00	1,000.00 .00
620-62500-143-000	RECOGNITION	.00	16.97	2,200.00	2,183.03 .77
620-62500-144-000	MILEAGE	519.30	675.52	1,000.00	324.48 67.55
620-62500-145-000	EXPENSE ALLOWANCE/MEALS	22.25	22.25	375.00	352.75 5.93
	PERSONNEL	113,195.13	299,321.89	383,842.90	84,521.01 77.98
620-62500-200-000	TESTING	520.31	1,282.31	2,500.00	1,217.69 51.29
620-62500-201-000	ELECTRIC/GAS	22,107.29	57,351.53	70,000.00	12,648.47 81.93
620-62500-202-000	FUEL/WATER/SEWER	1,735.50	8,802.96	12,000.00	3,197.04 73.36
620-62500-203-000	TELEPHONES	492.56	1,231.52	3,000.00	1,768.48 41.05
620-62500-204-000	CELLPHONES	558.30	1,672.53	3,500.00	1,827.47 47.79
620-62500-205-000	INTERNET	212.40	598.64	3,565.00	2,966.36 16.79
620-62500-208-000	RUBBISH DISPOSAL	1,145.69	5,278.10	5,000.00 (278.10)	105.56
620-62500-209-000	LEGAL SERVICES	5,868.53	12,056.03	2,500.00 (9,556.03)	482.24
620-62500-210-000	AUDIT & CONSULTING	1,950.60	5,738.40	13,000.00	7,261.60 44.14
620-62500-212-000	ENGINEERING	.00	.00	50,000.00	50,000.00 .00
620-62500-213-000	LAUNDRY SERVICE	386.28	964.42	1,250.00	285.58 77.15
620-62500-214-000	SLUDGE HAULING & PROCESSING	11,805.59	43,705.67	90,000.00	46,294.33 48.56
	CONTRACTUAL SERVICES	46,783.05	138,682.11	256,315.00	117,632.89 54.11

VILLAGE OF SISTER BAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

TREATMENT

		PERIOD		BUDGET		% OF
		ACTUAL	YTD ACTUAL	AMOUNT		BUDGET
620-62500-301-000	VEHICLE GAS/OIL/FLUIDS	1,224.58	2,530.19	5,500.00	2,969.81	46.00
620-62500-303-000	EQUIPMENT RENTAL	287.50	287.50	1,000.00	712.50	28.75
620-62500-310-000	COMPUTER HARDWARE/SOFTWARE	7,980.52	20,921.63	9,000.00	(11,921.63)	232.46
620-62500-312-000	INFORMATION TECHNOLOGY	477.25	1,546.95	2,500.00	953.05	61.88
620-62500-321-000	OFFICE SUPPLIES & EXP.	433.18	594.79	1,500.00	905.21	39.65
620-62500-322-000	POSTAGE & SHIPPING	634.29	1,807.31	2,500.00	692.69	72.29
620-62500-324-000	PRINTING & COPYING	329.17	1,008.86	2,500.00	1,491.14	40.35
620-62500-325-000	LEGAL NOTICES & ADS	.00	.00	150.00	150.00	.00
620-62500-326-000	OFFICE EQUIPMENT	12.16	38.93	150.00	111.07	25.95
620-62500-331-000	DUES & PUBLICATIONS	.00	1,859.05	2,000.00	140.95	92.95
620-62500-332-000	TRAINING - WASTEWATER	75.80	288.10	2,500.00	2,211.90	11.52
620-62500-351-000	MEDICAL/SAFETY SUPPLIES	92.51	152.65	1,500.00	1,347.35	10.18
620-62500-352-000	TOOLS/MINOR EQUIPMENT	533.01	1,089.01	3,000.00	1,910.99	36.30
620-62500-353-000	MISC. OTHER SUPPLIES	82.68	285.23	500.00	214.77	57.05
620-62500-358-000	MISC. PLANT OPERATING SUPPLIES	375.00	1,125.00	1,000.00	(125.00)	112.50
620-62500-362-000	WWTP GROUNDS MAINTENANCE	.00	296.06	500.00	203.94	59.21
620-62500-363-000	VEHICLE MAINTENANCE	47.15	201.69	2,500.00	2,298.31	8.07
620-62500-365-000	WWTP- LAB EQUIPMENT MAINT.	1,676.15	1,826.15	3,500.00	1,673.85	52.18
620-62500-366-000	WWTP- BLDG & STRUCTURES MAINT.	165.47	677.15	7,500.00	6,822.85	9.03
620-62500-367-000	MAIN LIFT STATION/FORCE MAIN	.00	15,487.66	25,000.00	9,512.34	61.95
620-62500-368-000	WWTP- FIXED EQUIPMENT MAINT.	4,489.49	54,854.91	35,000.00	(19,854.91)	156.73
620-62500-369-000	EQUIPMENT MAINTENANCE	2,871.71	2,871.71	1,500.00	(1,371.71)	191.45
	SUPPLIES AND EXPENSE	21,787.62	109,750.53	110,800.00	1,049.47	99.05
620-62500-401-000	CUSTODIAL SUPPLIES	37.10	115.30	500.00	384.70	23.06
620-62500-402-000	CHEMICALS	17,075.90	33,926.75	52,000.00	18,073.25	65.24
620-62500-403-000	LAB SUPPLIES - WWTP	10,654.76	12,595.07	10,000.00	(2,595.07)	125.95
620-62500-408-000	MAIN LIFT DEGREASER	.00	.00	3,500.00	3,500.00	.00
	BUILDING MATERIALS	27,767.76	46,637.12	66,000.00	19,362.88	70.66
620-62500-510-000	PROPERTY/LIABILITY INS.	902.75	17,479.38	20,000.00	2,520.62	87.40
620-62500-511-000	VEHICLE & EQUIPMENT INSURANCE	685.00	1,960.00	2,808.00	848.00	69.80
620-62500-512-000	INSURANCE, WORK COMP	1,196.84	3,655.68	7,684.00	4,028.32	47.58
620-62500-550-000	BANK FEES & FINANCE CHARGES	583.23	2,265.88	3,700.00	1,434.12	61.24
	FIXED CHARGES	3,367.82	25,360.94	34,192.00	8,831.06	74.17
620-62500-602-000	INTEREST ON LONG-TERM DEBT-WW	.00	26,555.24	52,474.50	25,919.26	50.61
	DEBT SERVICE	.00	26,555.24	52,474.50	25,919.26	50.61
620-62500-899-000	DEPRECIATION EXP - WWTP	129,999.99	389,999.99	520,000.00	130,000.01	75.00
	CAPITAL OUTLAY	129,999.99	389,999.99	520,000.00	130,000.01	75.00

VILLAGE OF SISTER BAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

TREATMENT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET AMOUNT		% OF BUDGET
TOTAL DEPARTMENT 500		342,901.37	1,036,307.82	1,423,624.40	387,316.58	72.79
DEPARTMENT 000						
620-64000-200-000	LGUD OTHER SERVICES REIMB	11.00	44.57	500.00	455.43	8.91
	CONTRACTUAL SERVICES	11.00	44.57	500.00	455.43	8.91
620-64000-324-000	PRINTING & COPYING LGUD	.00	.00	150.00	150.00	.00
	SUPPLIES AND EXPENSE	.00	.00	150.00	150.00	.00
		11.00	44.57	650.00	605.43	6.86
TOTAL FUND EXPENDITURES		342,912.37	1,036,352.39	1,424,274.40	387,922.01	72.76
NET REVENUES OVER EXPENDITURES		43,918.21	69,949.50	233,095.00	(938,989.52)	30.01

VILLAGE OF SISTER BAY
REVENUES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

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COLLECTION

	PERIOD ACTUAL	YTD ACTUAL	BUDGET AMOUNT	VARIANCE	% OF BUDGET
<u>SOURCE 46</u>					
630-46110-000-000 ASSESSMENT LETTER FEES	645.00	1,515.00	3,200.00	(1,685.00)	47.34
630-46411-100-000 SEWER SERVICE - VILLAGE (C)	2,376.19	6,224.00	6,685.00	(461.00)	93.10
630-46411-200-000 SEWER SERVICE - COMMERCIAL	33,497.21	84,053.29	80,745.00	3,308.29	104.10
630-46411-400-000 SEWER SERVICE - RESIDENTIAL	62,389.56	176,001.61	161,538.00	14,463.61	108.95
630-46411-500-000 SEWER SERVICE - MULTI FAMILY	8,766.92	25,531.22	24,331.00	1,200.22	104.93
630-46411-900-000 SERVICE: OTHER COLLECT SYSTEMS	.00	.00	250.00	(250.00)	.00
630-46414-000-000 LATERAL INSPECTION - SEWER	664.67	997.19	2,500.00	(1,502.81)	39.89
630-46470-000-000 LATE PAYMENT FEES	91.52	403.93	500.00	(96.07)	80.79
TOTAL SOURCE 46	108,431.07	294,726.24	279,749.00	14,977.24	105.35
<u>SOURCE 47</u>					
630-47341-000-000 COLLECTION SYSTEM MAINT - LGUD	.00	.00	1,750.00	(1,750.00)	.00
TOTAL SOURCE 47	.00	.00	1,750.00	(1,750.00)	.00
<u>SOURCE 48</u>					
630-48110-000-000 INTEREST/DIVIDENDS-COLLECTION	4,737.50	20,819.19	25,000.00	(4,180.81)	83.28
630-48300-000-000 SALE OF PROPERTY - COLLECTION	.00	.00	900.00	(900.00)	.00
630-48420-710-000 IMPACT FEE-DOWNTOWN SEWER MAIN	8,281.10	10,605.80	12,000.00	(1,394.20)	88.38
630-48420-740-000 SEWER CONNECTION FEES/REU	1,329.34	1,994.38	5,200.00	(3,205.62)	38.35
630-48425-000-000 SURCHARGE: COLL SYSTEM SERVICE	.23	.23	500.00	(499.77)	.05
630-48491-000-000 REFUNDS/REBATES - C	.00	3.50	.00	3.50	.00
TOTAL SOURCE 48	14,348.17	33,423.10	43,600.00	(10,176.90)	76.66
<u>SOURCE 49</u>					
630-49300-000-000 CAPITAL CONTRIBUTIONS - SEWER	.00	.00	250,000.00	(250,000.00)	.00
TOTAL SOURCE 49	.00	.00	250,000.00	(250,000.00)	.00
TOTAL COLLECTION REVENUE	122,779.24	328,149.34	575,099.00	(246,949.66)	57.06

VILLAGE OF SISTER BAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

COLLECTION

		PERIOD		BUDGET		% OF
		ACTUAL	YTD ACTUAL	AMOUNT		BUDGET
630-63500-111-000	WAGES - SB COLLECTION	888.71	3,529.89	19,937.01	16,407.12	17.71
630-63500-111-626	WAGES - COLLECTION GROUNDS	.00	.00	477.00	477.00	.00
630-63500-112-000	OVERTIME - SB COLLECTION	223.64	460.07	977.76	517.69	47.05
630-63500-113-000	COMP TIME USED	101.91	155.92	.00	(155.92)	.00
630-63500-114-000	PAID LEAVE - COLLECTION	391.19	1,294.50	.00	(1,294.50)	.00
630-63500-121-000	WAGES, CLERK - COLLECTION	.00	84.87	.00	(84.87)	.00
630-63500-121-902	WAGES, CLERK - COLLECTION	1,032.37	2,720.68	4,413.14	1,692.46	61.65
630-63500-121-920	WAGES, ADMIN - COLLECTION	5,622.79	15,381.25	8,588.00	(6,793.25)	179.10
630-63500-122-902	WAGES, OT CLERK - COLLECTION	49.09	98.20	127.30	29.10	77.14
630-63500-131-000	RETIREMENT	612.65	1,740.16	2,618.00	877.84	66.47
630-63500-132-000	SOCIAL SECURITY	620.05	1,758.96	2,840.00	1,081.04	61.94
630-63500-133-000	INSURANCE, MEDICAL	1,725.77	5,097.38	11,112.00	6,014.62	45.87
630-63500-134-000	INSURANCE, DENTAL	107.46	319.24	706.00	386.76	45.22
630-63500-135-000	INSURANCE, GROUP LIFE	13.42	36.58	75.00	38.42	48.77
630-63500-136-000	INSURANCE, DISABILITY	35.36	98.51	142.00	43.49	69.37
630-63500-137-000	HSA BENEFITS	419.16	1,166.70	2,258.00	1,091.30	51.67
630-63500-138-000	EAP BENEFITS	20.67	62.01	85.00	22.99	72.95
630-63500-140-000	VISION BENEFITS	11.69	35.16	80.00	44.84	43.95
630-63500-141-000	UNIFORMS & CLOTHING	15.39	15.39	250.00	234.61	6.16
630-63500-142-000	RECRUITMENT/TESTING/PHYSICALS	.00	.00	250.00	250.00	.00
630-63500-143-000	RECOGNITION	.00	.00	300.00	300.00	.00
630-63500-144-000	MILEAGE	16.56	71.74	50.00	(21.74)	143.48
630-63500-145-000	EXPENSE ALLOWANCE/MEALS	.00	.00	75.00	75.00	.00
PERSONNEL		11,907.88	34,127.21	55,361.21	21,234.00	61.64
630-63500-200-000	MISC. OTHER SERVICES	47.12	47.12	250.00	202.88	18.85
630-63500-201-000	ELECTRIC POWER	1,274.15	5,218.12	7,000.00	1,781.88	74.54
630-63500-202-000	FUEL/WATER/SEWER	39.35	250.20	1,000.00	749.80	25.02
630-63500-204-000	CELLPHONES	66.24	198.44	600.00	401.56	33.07
630-63500-205-000	INTERNET	25.20	71.02	570.00	498.98	12.46
630-63500-206-000	TELEMETRY	.00	.00	21,000.00	21,000.00	.00
630-63500-209-000	LEGAL SERVICES	.00	.00	250.00	250.00	.00
630-63500-210-000	AUDIT & CONSULTING	231.43	680.83	4,500.00	3,819.17	15.13
630-63500-212-000	ENGINEERING	220.00	728.50	5,000.00	4,271.50	14.57
630-63500-213-000	LAUNDRY	10.40	24.76	25.00	.24	99.04
CONTRACTUAL SERVICES		1,913.89	7,218.99	40,195.00	32,976.01	17.96

VILLAGE OF SISTER BAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

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COLLECTION

		PERIOD		BUDGET		% OF
		ACTUAL	YTD ACTUAL	AMOUNT		BUDGET
630-63500-301-000	VEHICLE GAS/OIL/FLUIDS	154.04	321.21	1,200.00	878.79	26.77
630-63500-310-000	COMPUTER HARDWARE/SOFTWARE	218.43	1,598.62	7,275.00	5,676.38	21.97
630-63500-312-000	INFORMATION TECHNOLOGY	56.62	183.52	8,000.00	7,816.48	2.29
630-63500-321-000	OFFICE SUPPLIES & EXP.	45.53	68.46	500.00	431.54	13.69
630-63500-322-000	POSTAGE & SHIPPING	54.34	191.97	650.00	458.03	29.53
630-63500-324-000	PRINTING & COPYING	39.06	119.69	450.00	330.31	26.60
630-63500-325-000	LEGAL NOTICES & ADS	.00	.00	50.00	50.00	.00
630-63500-326-000	OFFICE EQUIPMENT	1.29	4.88	25.00	20.12	19.52
630-63500-331-000	MEMBERSHIP DUES	.00	32.07	25.00	(7.07)	128.28
630-63500-332-000	TRAINING	9.00	148.35	250.00	101.65	59.34
630-63500-351-000	MEDICAL/SAFETY SUPPLIES	10.97	18.11	1,200.00	1,181.89	1.51
630-63500-352-000	TOOLS/MINOR EQUIPMENT	5.97	16.91	500.00	483.09	3.38
630-63500-353-000	MISC. OTHER SUPPLIES	.00	.00	2,000.00	2,000.00	.00
630-63500-354-000	MAPS	.00	.00	100.00	100.00	.00
630-63500-356-000	PARTS & SUPPLIES	.00	8.78	150.00	141.22	5.85
630-63500-358-000	MISC. SEWER OPERATING SUPPLIES	14.99	14.99	5,000.00	4,985.01	.30
630-63500-362-000	LAWN MAINTENANCE	.00	.00	100.00	100.00	.00
630-63500-363-000	VEHICLE MAINTENANCE	5.60	23.93	500.00	476.07	4.79
630-63500-367-000	LIFT STATION/FORCE MAIN MAINT.	25,721.25	33,507.55	30,000.00	(3,507.55)	111.69
630-63500-368-000	SEWER SYSTEM MAINTENANCE	.00	.00	32,000.00	32,000.00	.00
630-63500-369-000	EQUIPMENT MAINTENANCE	.00	.00	1,700.00	1,700.00	.00
	SUPPLIES AND EXPENSE	26,337.09	36,259.04	91,675.00	55,415.96	39.55
630-63500-401-000	CUSTODIAL SUPPLIES	1.63	4.15	50.00	45.85	8.30
	BUILDING MATERIALS	1.63	4.15	50.00	45.85	8.30
630-63500-510-000	PROPERTY/LIABILITY INS.	135.30	2,265.59	2,700.00	434.41	83.91
630-63500-511-000	VEHICLE & EQUIPMENT INSURANCE	107.00	337.00	400.00	63.00	84.25
630-63500-512-000	INSURANCE, WORK COMP	179.49	558.98	1,271.00	712.02	43.98
630-63500-550-000	BANK FEES & FINANCE CHARGES	75.19	310.82	1,500.00	1,189.18	20.72
	FIXED CHARGES	496.98	3,472.39	5,871.00	2,398.61	59.14
630-63500-899-000	DEPRECIATION EXP - COLLECTION	35,250.00	105,750.00	141,000.00	35,250.00	75.00
	CAPITAL OUTLAY	35,250.00	105,750.00	141,000.00	35,250.00	75.00
630-63500-900-000	TAXES - SEWER	.00	.00	13,250.00	13,250.00	.00
	COST REALLOCATION	.00	.00	13,250.00	13,250.00	.00
	TOTAL DEPARTMENT 500	75,907.47	186,831.78	347,402.21	160,570.43	53.78
	DEPARTMENT 000					

VILLAGE OF SISTER BAY
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 9 MONTHS ENDING SEPTEMBER 30, 2026

COLLECTION

	PERIOD ACTUAL	YTD ACTUAL	BUDGET AMOUNT		% OF BUDGET
630-64000-111-000 WAGES - LGSD COLLECTION	198.78	441.27	1,993.70	1,552.43	22.13
630-64000-112-000 OVERTIME - LGSD COLLECTION	.00	.00	97.78	97.78	.00
PERSONNEL	198.78	441.27	2,091.48	1,650.21	21.10
	198.78	441.27	2,091.48	1,650.21	21.10
TOTAL FUND EXPENDITURES	76,106.25	187,273.05	349,493.69	162,220.64	53.58
NET REVENUES OVER EXPENDITURES	46,672.99	140,876.29	225,605.31	(409,170.30)	62.44

Simplified Rate Case Application - Water Class C

5500 - Sister Bay Water And Sewer Utility

Note: this application is not officially submitted until it is uploaded to the Commission's Electronic Records Filing System.

Public Service Commission of Wisconsin

(filing this form out is in accordance with Wis.Stat196.193)

PO Box 7854

3011(1/1/2020)

Madison WI 53707-7854

Preparer Name: **Kara Kroll**

Preparer Phone Number: **920-854-2246**

Preparer Email Address: **kara.kroll@sisterbaywi.gov**

Date Application will be filed with the PSC: **10/30/2026**

Notice Date to be Mailed/Published: **10/23/2026**

Customer Notice Method: **Newspaper Publication**

Newspaper Name: **Peninsula Pulse**

Rate Effective Date: **01/01/2027**

	Annual Report Information	Page	
1	Total Sales of Water	W-1	\$530,637
2	Rate Increase Factor		3.0%
3	Line 1 * Line 2		\$15,919
4	Net Operating Income (Operating Revenues - Operating Expenses)	W-1	\$80,036
5	Adjusted Total Operating Income (Line 3 + Line 4)		\$95,955
6	Average Net Rate Base - Water Utility	F-23	\$1,526,878
7	Line 5 / Line 6		6.3%
8	Test 1 - Financial Eligibility Qualifies *		Yes
9	Adjusted Operating Income (Line 5)		
10	Total Operation & Maintenance (O&M) expense (600 and 900 accounts only)		
11	Line 9 / Line 10		
12	Test 2 - Financial Eligibility Qualifies **		

* Eligible if line 7 <= 6.40%

** Eligible if line 11 <= 6.0%

History Check

Effective Date of the Last Full Rate Case: **09/15/2018**

Rates from last full rate case have been in effect for at least one full calendar year and the current annual report has been filed. **Yes**

If Class AB, it has been 5 years or less since the last full rate case. **NA**

Effective Date of the Last SRC: **07/05/2005**

Rates from the last SRC have been in effect for one year (12 months). **Yes**

Water Meter Rates

5/8" meter rate at the last full rate case: **31.50**

Current 5/8" meter rate: **31.50**

If Class C or D, current rate is less than 40% higher than the last full rate case. **Yes**

5/8" meter rate percent increase since last full rate case: **0.00%**

Notice of Rate Increase Water Customers of the Sister Bay Water And Sewer Utility

This is to give you notice that the Sister Bay Water And Sewer Utility will file an application on October 30, 2026, with the Public Service Commission of Wisconsin (PSC), for authority to increase water rates. Rates for general service will increase 3.0 percent. The increase is necessary to reduce the existing deficiency in present rates. The request is being made under Wis. Stat. 196.193. Rate increases granted under this statute do not require a public hearing. The effect of the increase for some selected customers is shown below. Public Fire Protection and Wholesale rates (if applicable) will also increase 3.0 percent.

Customer Classification	Meter Size	Gallons	Existing Quarterly Rate	Revised Quarterly Rate
Average Residential	3/4	12,000	\$66.90	\$68.93
Large Residential	1	15,000	\$104.25	\$107.40
Commercial	1 1/2	194,000	\$643.90	\$663.32
Multifamily	2	75,000	\$392.00	\$403.70
Public Authority	2	166,000	\$631.10	\$650.08

Sister Bay Water And Sewer Utility anticipates that this rate increase will go into effect on January 1, 2027. If you have any questions about the rate increase request, call the Sister Bay Water And Sewer Utility at (920) 854-2246.