



AMERICAN LEGION POST #457
6050 W MEQUON RD.
MEQUON, WI 53092
Phone: 262-236-2934
Fax: 262-242-9655

www.cityofmequonwi.gov

Public Works/Engineering

Taped and Televised

SEWER UTILITY DISTRICT COMMISSION
Tuesday, June 10, 2025
7:30 PM or immediately following the Committee of the Whole
American Legion Post #457

Agenda

- 1) Call to Order, Roll Call
- 2) Approval of Meeting Minutes
Action requested: review and approve
 - a. Tuesday, May 13, 2025, Minutes
- 3) Resolutions
Action requested: review and recommend approval
 - a. **RESOLUTION 4213** A Resolution Authorizing Staff to File the City of Mequon's Compliance Maintenance Annual Report (CMAR) for Calendar Year 2024, in Accordance with Requirements Under Wisconsin Administrative Code NR208
- 4) Adjourn

Dated: June 10, 2025

/s/ Andrew Nerbun, Mayor

Notice is hereby given that a quorum of other governmental bodies may be present at this meeting to present, discuss and/or gather information about a subject over which they have decision-making responsibility, although they will not take formal action thereto at this meeting.

Persons with disabilities requiring accommodations for attendance at this meeting should contact the City Clerk's Office at 262-236-2914, twenty-four (24) hours in advance of the meeting.

Any questions regarding this agenda may be directed to the City Administrator's Office at 262-236-2941, Monday through Friday, 8:00 AM – 4:30 PM



11333 N. Cedarburg Road
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SEWER UTILITY DISTRICT COMMISSION

Tuesday, March 11, 2025

7:15 PM

Christine Nuernberg Hall

Minutes

1) Call to Order, Roll Call

The meeting was called to order at 7:22 pm.

Present:

Commissioner Andrew Nerbun
 Commissioner Robert Strzelczyk
 Commissioner Kelly Tolocko
 Commissioner Dale Mayr
 Commissioner Jeffrey Hansher
 Commissioner Gregg Bach
 Commissioner Brian Parrish
 Commissioner Peter Bratt
 Commissioner William Gebhardt

Also present: City Administrator Jones, Assistant City Administrator Schoenemann, City Attorney Sajdak, City Clerk Fochs, Finance Director Arnett, Police Chief Riley, Director of Public Works/City Engineering Lundeen, Deputy Director of Public Works Weyker, Director of Community Development Tollefson, Assistant Director of Community Development Zader, Sewer Maintenance Supervisor Weinrich, Managerial Fellow Randall, Executive Assistant Enea, Administrative Assistant Schlereth, press, and interested public.

2) Approval of Meeting Minutes

a. February 11, 2025, Minutes

RESULT: **Approved by Voice Acclamation [Unanimous]**

MOVED BY: Commissioner Tolocko

SECONDED BY: Commissioner Mayr

Attachment: 3.11.25 (10419 : March 11, 2025 Mintues)

AYES: Nerbun, Strzelczyk, Tolocko, Mayr, Hansher, Bach, Parrish, Bratt, Gebhardt

3) Resolutions

Action requested: Review and recommend approval

- a. **RESOLUTION 4194** A Resolution Approving the Purchase of a Replacement Sewer Televising Truck, Lateral Camera, and Related Components from Envirotech Equipment, Lannon, Wisconsin, for a Total Estimated Cost of \$455,000

Staff advised that credit would apply to water that does not enter the sanitary sewer system, such as irrigation and pool filling.

RESULT: **Approved by Voice Acclamation [Unanimous]**
MOVED BY: Commissioner Mayr
SECONDED BY: Commissioner Hansher

AYES: Nerbun, Strzelczyk, Tolocko, Mayr, Hansher, Bach, Parrish, Bratt, Gebhardt

- b. **RESOLUTION 4195** A Resolution Establishing Financial Policy Statement 19: Sewer Credit Policy

4) Adjourn

Respectfully Submitted,

Ren Schlereth
Administrative Assistant

Attachment: 3.11.25 (10419 : March 11, 2025 Mintues)



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Office of Engineering

TO: Sewer Utility District Commission
FROM: Kristen Lundeen, Director of Public Works/City Engineer
DATE: June 10, 2025
SUBJECT: RESOLUTION 4213 A Resolution Authorizing Staff to File the City of Mequon's Compliance Maintenance Annual Report (CMAR) for Calendar Year 2024, in Accordance with Requirements Under Wisconsin Administrative Code NR208

Background

As a state requirement for owning and operating a separate municipal storm sewer system that discharges to waters of the state, the City maintains a general Wisconsin Pollution Discharge Elimination System (WPDES) permit through the Wisconsin Department of Natural Resources (WDNR). The permit covers water quality, illicit discharges, public information and education, storm water, and erosion control. In addition to an annual stormwater report, the City must also file a Compliance Maintenance Annual Report (CMAR) for the sanitary sewer system and any emergency sewer system overflows that may occur.

Analysis

The draft 2024 CMAR is attached for review and the WDNR requires that it be filed by June 30. Part of the reporting requirement is that the governing body of the municipality must adopt an annual resolution stating that it has reviewed the report before it is filed each year. The report has a grading system for both the financial management and collection systems. If a community falls below an overall grade point (3.00), scores less than a "C" in any individual CMAR section, or if Sanitary Sewer Overflows (SSOs) were reported in the year, the City must identify improvements to correct system deficiencies and improve the report's score. In 2024, the City continued its "A" grade for financial management and collection systems.

In 2024, the City reported three SSOs as a result of wet weather in April and June at lift stations in the vicinity of the Milwaukee River. In 2019, the City completed the prioritization for Private Property Inflow and Infiltration reduction to better manage wet weather events, and project implementation is ongoing. In addition, the construction of a new Lift Station E will provide additional capacity and relief to the four upstream lift stations which discharge into the station.

It is staff's recommendation that the Sewer Utility District favorably endorse, and the Common Council approve the accompanying resolution, which authorizes staff to file the CMAR report.

Fiscal Impact

There is no fiscal impact to filing this report outside of the staff time necessary for its preparation. Any potential projects identified must ultimately be approved by the Sanitary Sewer Utility Commission prior to proceeding.

Recommendation

A recommendation is forthcoming from the Sewer Utility District Commission on June 10, 2025.

Attachments:

Draft CMAR - 2024 (PDF)

COMMON COUNCIL
OF THE
CITY OF MEQUON

RESOLUTION 4213

A Resolution Authorizing Staff to File the City of Mequon's Compliance Maintenance Annual Report (CMAR) for Calendar Year 2024, in Accordance with Requirements Under Wisconsin Administrative Code NR208

RECITALS

A. It is a requirement under the Wisconsin Pollutant Discharge Elimination System (WPDES) permit issued by the Wisconsin Department of Natural Resources to file a Compliance Maintenance Annual Report (CMAR) for Mequon's wastewater collection system under Wisconsin Administrative Code NR208.

B. It is necessary to acknowledge that the governing body has reviewed the CMAR.

C. It is necessary to provide recommendations or an action response plan for any individual CMAR section within the annual report with a grade of "C" or less, an overall grade point average of less than 3.0, or in a year where a Sanitary Sewer Overflow was reported.

BASED UPON THE FOREGOING RECITALS, IT IS RESOLVED by the Common Council of the City of Mequon, Wisconsin, that the CMAR has been reviewed and staff is hereby authorized to file said report and recommendations.

IT IS FURTHER RESOLVED that while the City has an overall GPA of 4.00, the City will continue to evaluate its system and take necessary actions to maintain and improve the collection system which may include:

1. Continuation of current system improvements such as manhole rehabilitation, mainline rehabilitation, and upgrades to force mains and lift stations.
2. Continued evaluation of sewer utility collection system energy efficiency and costs related to power for lift station system pumping, in reference to Section 6 of the CMAR.

Approved by: Andrew Nerbun, Mayor

Date Approved: June 10, 2025

I certify that the foregoing Resolution was adopted by the Common Council of the City of Mequon, Wisconsin, at a meeting held on June 10, 2025.

Caroline Fochs, City Clerk

Compliance Maintenance Annual Report

3.a.a

Mequon Sewage Collection System

Last Updated: Reporting For:
5/30/2025 2024

Financial Management

<p>1. Provider of Financial Information</p> <p>Name: <input style="width: 300px;" type="text" value="Kristen Lundeen"/></p> <p>Telephone: <input style="width: 150px;" type="text" value="262-236-2938"/> (XXX) XXX-XXXX</p> <p>E-Mail Address (optional): <input style="width: 300px;" type="text" value="klundeen@cityofmequonwi.gov"/></p>																
<p>2. Treatment Works Operating Revenues</p> <p>2.1 Are User Charges or other revenues sufficient to cover O&M expenses for your wastewater treatment plant AND/OR collection system ?</p> <p>● Yes (0 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ No (40 points)</p> <p>If No, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p>2.2 When was the User Charge System or other revenue source(s) last reviewed and/or revised?</p> <p>Year: <input style="width: 100px;" type="text" value="2024"/></p> <p>● 0-2 years ago (0 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ 3 or more years ago (20 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ N/A (private facility)</p> <p>2.3 Did you have a special account (e.g., CFWP required segregated Replacement Fund, etc.) or financial resources available for repairing or replacing equipment for your wastewater treatment plant and/or collection system?</p> <p>● Yes (0 points)</p> <p>○ No (40 points)</p>	0															
<p>REPLACEMENT FUNDS [PUBLIC MUNICIPAL FACILITIES SHALL COMPLETE QUESTION 3]</p>																
<p>3. Equipment Replacement Funds</p> <p>3.1 When was the Equipment Replacement Fund last reviewed and/or revised?</p> <p>Year: <input style="width: 100px;" type="text" value="2024"/></p> <p>● 1-2 years ago (0 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ 3 or more years ago (20 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ N/A</p> <p>If N/A, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p>3.2 Equipment Replacement Fund Activity</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">3.2.1 Ending Balance Reported on Last Year's CMAR</td> <td style="width: 5%; text-align: right;">\$</td> <td style="width: 35%; text-align: right;"><input style="width: 100%;" type="text" value="351,214.77"/></td> </tr> <tr> <td>3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)</td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 100%;" type="text" value="0.00"/></td> </tr> <tr> <td>3.2.3 Adjusted January 1st Beginning Balance</td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 100%;" type="text" value="351,214.77"/></td> </tr> <tr> <td>3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)</td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 100%;" type="text" value="0.00"/></td> </tr> <tr> <td style="text-align: right;">+</td> <td></td> <td></td> </tr> </table>	3.2.1 Ending Balance Reported on Last Year's CMAR	\$	<input style="width: 100%;" type="text" value="351,214.77"/>	3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)	\$	<input style="width: 100%;" type="text" value="0.00"/>	3.2.3 Adjusted January 1st Beginning Balance	\$	<input style="width: 100%;" type="text" value="351,214.77"/>	3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)	\$	<input style="width: 100%;" type="text" value="0.00"/>	+			
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+																

Attachment: Draft CMAR - 2024 (RESOLUTION 4213 : Compliance Maintenance Annual Report to WDNR)

Compliance Maintenance Annual Report

Mequon Sewage Collection System

Last Updated: Reporting For:
5/30/2025 **2024**

3.2.5 Subtractions from Fund (e.g., equipment replacement, major repairs - use description box 3.2.6.1 below*) -

\$ 16,445.72

3.2.6 Ending Balance as of December 31st for CMAR Reporting Year

\$ 334,769.05

All Sources: This ending balance should include all Equipment Replacement Funds whether held in a bank account(s), certificate(s) of deposit, etc.

3.2.6.1 Indicate adjustments, equipment purchases, and/or major repairs from 3.2.5 above.

Purchase of Toro mower and blower

3.3 What amount should be in your Replacement Fund? \$ 200,000.00

0

Please note: If you had a CFWP loan, this amount was originally based on the Financial Assistance Agreement (FAA) and should be regularly updated as needed. Further calculation instructions and an example can be found by clicking the SectionInstructions link under Info header in the left-side menu.

3.3.1 Is the December 31 Ending Balance in your Replacement Fund above, (#3.2.6) equal to, or greater than the amount that should be in it (#3.3)?

- Yes
- No

If No, please explain.

4. Future Planning

4.1 During the next ten years, will you be involved in formal planning for upgrading, rehabilitating, or new construction of your treatment facility or collection system?

- Yes - If Yes, please provide major project information, if not already listed below.
- No

Project #	Project Description	Estimated Cost	Approximate Construction Year
1	2010 Ranch Road Gravity Sewer Improvements (GSSW)	\$295,680	2025
2	2010 Ranch Road Gravity Sewer Improvements (GSSW)	\$152,320	2026
3	Glen oaks Lane Area E Gravity Sewer Improvements, Design (GSSF)	\$650,000	2026
4	Glen oaks Lane Area E Gravity Sewer Improvements, Design (GSSF)	\$650,000	2027
5	Glen oaks Lane Area E Gravity Sewer Improvements, Construct (GSSF)	\$1,275,000	2028
6	Glen oaks Lane Area E Gravity Sewer Improvements, Construct (GSSF)	\$425,000	2029
7	Riverdale Park Area F Gravity Sewer Improvements, Design (GSSF)	\$75,000	2030
8	Riverdale Park Area F Gravity Sewer Improvements, Construct (GSSF)	\$750,000	2031
9	Riverdale Park Area F Gravity Sewer Improvements, Construct (GSSF)	\$750,000	2032
10	Sewer Main Improvements in Areas A, B, C, D (GSSF)	\$500,000	2028
11	Sewer Main Improvements in Areas A, B, C, D (GSSF)	\$500,000	2029
12	Update System Hydraulic Modeling with Improvements (GSSF)	\$50,000	2029
13	Heritage Estates Siphon Design Study (GSSF)	\$15,000	2026
14	River Road at Milwaukee River Design Study (GSSF)	\$15,000	2028
15	Mequon Rd. Flow Equalization @STH 57 (GSSF)	\$35,000	2032
16	Mequon Rd. Flow Equalization @STH 57 (GSSF)	\$175,000	2033
17	STH167 Sewer Rehabilitation Work (GSSF)	\$300,000	2034
18	Ranch Rd. Lift Station E Construction (LSF)	\$6,351,180	2025
19	Ranch Rd. Lift Station E Construction (LSF)	\$3,271,820	2026
20	Fieldwood Drive Lift Station G Design Study Report for Improvements (LSF)	\$35,000	2026

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Compliance Maintenance Annual Report

Mequon Sewage Collection System

Last Updated: Reporting For:
5/30/2025 **2024**

21	Fieldwood Drive Lift Station G Design Study Report for Improvements (LSF)	\$275,000	2027
22	Replace Pumps, Valves and Motors: LS R (LSF)	\$50,000	2025
23	Replace Pumps, Valves and Motors: LS U (LSF)	\$50,000	2025
24	Replace Pumps, Valves and Motors: LS V (LSF)	\$50,000	2026
25	Replace Pumps, Valves and Motors: LS I (LSF)	\$50,000	2026
26	Replace Pumps, Valves and Motors: LS T (LSF)	\$50,000	2027
27	Replace Siphon (LSF)	\$100,000	2027
28	Install Magnetic Flow Meters (LSF)	\$15,000	2025
29	Install Lift Station Emergency Generators with Transfer Switches (K,H,Q) (LSF)	\$100,000	2030
30	Replace Generators, Transfer Switches and encloser @ Station J (LSF)	\$90,000	2025
31	Replace Generators/ Tranfer Switches: LS M (LSF)	\$60,000	2026
32	Replace Generators/ Transfer Switches: LS O (LSF)	\$60,000	2027
33	Replace Generators/ Transfer Switches: LS R (LSF)	\$60,000	2028
34	Replace Generators/ Transfer Switches: LS C (LSF)	\$60,000	2029
35	Replace Generators/ Transfer Switches: LS D (LSF)	\$60,000	2030
36	Replace Generators/ Transfer Switches: LS G (LSF)	\$60,000	2031
37	Condition Assessments (LS A, X) (LSF)	\$50,000	2028
38	Condition Assessments (LS A, X) (LSF)	\$50,000	2029
39	Decommissioning Studies - Lift Station P (LSF)	\$15,000	2027
40	Lift Station PLC Replacements (LSF)	\$60,000	2027
41	Lift Station PLC Replacements (LSF)	\$60,000	2028
42	Lift Station Communication Antenna Replacements (LSF)	\$20,000	2026
43	Lift Station Communication Antenna Replacements (LSF)	\$20,000	2027
44	Lift Station Communication Antenna Replacements (LSF)	\$20,000	2028
45	Lift Station Communication Antenna Replacements (LSF)	\$20,000	2029
46	Lift Station E Force Main Construct for 2010 Ranch Rd (FMF)	\$450,000	2025
47	Hidden Reserve Lift Station E Force Main Extension (FMF)	\$500,000	2025
48	Lift Station G Force Main Design Capacity Improvements (FMF)	\$35,000	2026
49	Lift Station G Force Main Construct 6,200 ft (FMF)	\$1,100,000	2027
50	Lift Station G Force Main Construct 6,200 ft (FMF)	\$1,100,000	2028
51	Concord Drive Lift Station R Force Main Replacement (FMF)	\$50,000	2028
52	Retrofit Force Mains with Access Ports (A,E) (FMF)	\$10,000	2027
53	Retrofit Force Mains with Access Ports (A,E) (FMF)	\$10,000	2028
54	Retrofit Force Mains with Access Ports (A,E) (FMF)	\$20,000	2029
55	Replace Superintendent Truck 600 (ERF)	\$45,000	2025
56	CCTV truck and camera, push camera, lateral camera (ERF)	\$450,000	2025
57	Jet headphones (ERF)	\$6,000	2025
58	Generator (ERF)	\$60,000	2026
59	Generator (ERF)	\$60,000	2027
60	Generator (ERF)	\$60,000	2028

Attachment: Draft CMAR - 2024 (RESOLUTION 4213 : Compliance Maintenance Annual Report to WDNR)

5. Financial Management General Comments

Mequon Sewer Utility adopted a Sewer User Rate and Levy policy in 2024. The policy requires:
 Annually, the Sewer Utility budget shall be generated with the following goals: -No adjustments to the Sewer District Tax Rate without a policy amendment.
 -Self-funded capital accounts to meet projected capital needs.
 -Rate revenue adjustments to maintain a recommended debt service coverage ratio of 1.6.
 -Level, sustainable user rate increases based on the 10-year outlook of the Sewer Utility.

ENERGY EFFICIENCY AND USE

6. Collection System

6.1 Energy Usage

6.1.1 Enter the monthly energy usage from the different energy sources:

Compliance Maintenance Annual Report

3.a.a

Mequon Sewage Collection System

Last Updated: Reporting For:
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COLLECTION SYSTEM PUMPAGE: Total Power Consumed

Number of Municipally Owned Pump/Lift Stations:

	Electricity Consumed (kWh)	Natural Gas Consumed (therms)
January	55,539	36
February	65,995	99
March	63,516	78
April	66,021	64
May	49,668	93
June	50,704	74
July	39,140	75
August	31,135	49
September	26,242	72
October	27,667	44
November	31,704	62
December	29,436	94
Total	536,767	840
Average	44,731	70

6.1.2 Comments:

6.2 Energy Related Processes and Equipment

6.2.1 Indicate equipment and practices utilized at your pump/lift stations (Check all that apply):

- Comminution or Screening
- Extended Shaft Pumps
- Flow Metering and Recording
- Pneumatic Pumping
- SCADA System
- Self-Priming Pumps
- Submersible Pumps
- Variable Speed Drives
- Other:

6.2.2 Comments:

6.3 Has an Energy Study been performed for your pump/lift stations?

No

Yes

Year:

By Whom:

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Compliance Maintenance Annual Report

3.a.a

Mequon Sewage Collection System

Last Updated: Reporting For:
5/30/2025 2024

Describe and Comment:

Preliminary Feasibility Study to evaluate options for utility energy cost offset, including solar (pending site selection)

6.4 Future Energy Related Equipment

6.4.1 What energy efficient equipment or practices do you have planned for the future for your pump/lift stations?

Continue lift station assessments and inspections to verify stations have optimal performance. Replace pumps with more efficient models, and update controls (PLCs) and transducers.

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

Attachment: Draft CMAR - 2024 (RESOLUTION 4213 : Compliance Maintenance Annual Report to WDNR)

Sanitary Sewer Collection Systems

1. Capacity, Management, Operation, and Maintenance (CMOM) Program

1.1 Do you have a CMOM program that is being implemented?

- Yes
- No

If No, explain:

1.2 Do you have a CMOM program that contains all the applicable components and items according to Wisc. Adm Code NR 210.23 (4)?

- Yes
- No (30 points)
- N/A

If No or N/A, explain:

1.3 Does your CMOM program contain the following components and items? (check the components and items that apply)

- Goals [NR 210.23 (4)(a)]

Describe the major goals you had for your collection system last year:

Comply with WPDES permit for sanitary sewer overflows;
Minimize occurrence of preventable overflows;
Improve and maintain system reliability;
Provide adequate capacity to convey peak flow;
Manage infiltration and inflow; and
Protect collection system worker health and safety.

Did you accomplish them?

- Yes
- No

If No, explain:

- Organization [NR 210.23 (4) (b)]

Does this chapter of your CMOM include:

- Organizational structure and positions (eg. organizational chart and position descriptions)
- Internal and external lines of communication responsibilities
- Person(s) responsible for reporting overflow events to the department and the public

- Legal Authority [NR 210.23 (4) (c)]

What is the legally binding document that regulates the use of your sewer system?

City Ordinance 86-IV

If you have a Sewer Use Ordinance or other similar document, when was it last reviewed and revised? (MM/DD/YYYY) 1996-11-12

Does your sewer use ordinance or other legally binding document address the following:

- Private property inflow and infiltration
- New sewer and building sewer design, construction, installation, testing and inspection
- Rehabilitated sewer and lift station installation, testing and inspection
- Sewage flows satellite system and large private users are monitored and controlled, as necessary
- Fat, oil and grease control
- Enforcement procedures for sewer use non-compliance
- Operation and Maintenance [NR 210.23 (4) (d)]

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Mequon Sewage Collection System

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5/30/2025 **2024**

Does your operation and maintenance program and equipment include the following:

- Equipment and replacement part inventories
- Up-to-date sewer system map
- A management system (computer database and/or file system) for collection system information for O&M activities, investigation and rehabilitation
- A description of routine operation and maintenance activities (see question 2 below)
- Capacity assessment program
- Basement back assessment and correction
- Regular O&M training
- Design and Performance Provisions [NR 210.23 (4) (e)]

What standards and procedures are established for the design, construction, and inspection of the sewer collection system, including building sewers and interceptor sewers on private property?

- State Plumbing Code, DNR NR 110 Standards and/or local Municipal Code Requirements
- Construction, Inspection, and Testing
- Others:

Overflow Emergency Response Plan [NR 210.23 (4) (f)]

Does your emergency response capability include:

- Responsible personnel communication procedures
- Response order, timing and clean-up
- Public notification protocols
- Training
- Emergency operation protocols and implementation procedures

Annual Self-Auditing of your CMOM Program [NR 210.23 (5)]

Special Studies Last Year (check only those that apply):

- Infiltration/Inflow (I/I) Analysis
- Sewer System Evaluation Survey (SSES)
- Sewer Evaluation and Capacity Management Plan (SECAP)
- Lift Station Evaluation Report
- Others:

0

2. Operation and Maintenance

2.1 Did your sanitary sewer collection system maintenance program include the following maintenance activities? Complete all that apply and indicate the amount maintained.

Cleaning	20	% of system/year
Root removal	0	% of system/year
Flow monitoring	3	% of system/year
Smoke testing	0	% of system/year
Sewer line televising	8	% of system/year
Manhole inspections	28	% of system/year
Lift station O&M	23	# per L.S./year
Manhole rehabilitation	0	% of manholes rehabbed
Mainline rehabilitation	0	% of sewer lines rehabbed

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Private sewer inspections % of system/year

Private sewer I/I removal % of private services

River or water crossings % of pipe crossings evaluated or maintained

Please include additional comments about your sanitary sewer collection system below:

In 2025 we will purchase a sole ownership televising truck and transition out of joint ownership. This will increase our sewer line mainline televising and allow us to televise the public portion of our laterals.

3. Performance Indicators

3.1 Provide the following collection system and flow information for the past year.

<input type="text" value="42.75"/>	Total actual amount of precipitation last year in inches
<input type="text" value="34.05"/>	Annual average precipitation (for your location)
<input type="text" value="166.82"/>	Miles of sanitary sewer
<input type="text" value="23"/>	Number of lift stations
<input type="text" value="1"/>	Number of lift station failures
<input type="text" value="0"/>	Number of sewer pipe failures
<input type="text" value="12"/>	Number of basement backup occurrences
<input type="text" value="12"/>	Number of complaints
<input type="text"/>	Average daily flow in MGD (if available)
<input type="text"/>	Peak monthly flow in MGD (if available)
<input type="text"/>	Peak hourly flow in MGD (if available)

3.2 Performance ratios for the past year:

<input type="text" value="0.04"/>	Lift station failures (failures/year)
<input type="text" value="0.00"/>	Sewer pipe failures (pipe failures/sewer mile/yr)
<input type="text" value="0.02"/>	Sanitary sewer overflows (number/sewer mile/yr)
<input type="text" value="0.07"/>	Basement backups (number/sewer mile)
<input type="text" value="0.07"/>	Complaints (number/sewer mile)
<input type="text"/>	Peaking factor ratio (Peak Monthly:Annual Daily Avg)
<input type="text"/>	Peaking factor ratio (Peak Hourly:Annual Daily Avg)

4. Overflows

LIST OF SANITARY SEWER (SSO) AND TREATMENT FACILITY (TFO) OVERFLOWS REPORTED **				
	Date	Location	Cause	Estimated Volume
0	4/2/2024 6:30:00 PM - 4/2/2024 9:00:00 PM	12439 N. Circle Dr (Riverdale Park Lift Station "F")	Rain	56,250
1	4/2/2024 2:30:00 PM - 4/2/2024 6:30:00 PM	2932 W. Riverland Dr (Lift Station "H")	Rain	54,000
2	6/3/2024 7:45:00 PM - 6/4/2024 1:45:00 AM	2932 W. Riverland Dr (Lift Station "H")	Rain	54,000

** If there were any SSOs or TFOs that are not listed above, please contact the DNR and stop work on this section until corrected.

Attachment: Draft CMAR - 2024 (RESOLUTION 4213 : Compliance Maintenance Annual Report to WDNR)

Compliance Maintenance Annual Report

Mequon Sewage Collection System

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What actions were taken, or are underway, to reduce or eliminate SSO or TFO occurrences in the future?

Lift Stations F and H are tributary to Lift Station E which is under design for a replacement, including a capacity upgrade. Sewersheds for Lift Stations F and H are included in the prioritized areas for PPI/I reduction projects.

5. Infiltration / Inflow (I/I)

5.1 Was infiltration/inflow (I/I) significant in your community last year?

- Yes
- No

If Yes, please describe:

During wet weather flow rates and lift station pump cycles increase

5.2 Has infiltration/inflow and resultant high flows affected performance or created problems in your collection system, lift stations, or treatment plant at any time in the past year?

- Yes
- No

If Yes, please describe:

During wet weather flow rates and lift station pump cycles increase

5.3 Explain any infiltration/inflow (I/I) changes this year from previous years:

Pilot project for lateral grouting with MMSD; due to the high costs of the project, a lateral reconstruction option will be offered in 2025/26.

5.4 What is being done to address infiltration/inflow in your collection system?

Continued with sewer mainline and manhole rehabilitation including grouting and lining, and continued with private property inflow and infiltration (PPI/I) reduction program.

Attachment: Draft CMAR - 2024 (RESOLUTION 4213 : Compliance Maintenance Annual Report to WDNR)

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

Compliance Maintenance Annual Report

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Grading Summary

WPDES No: 0047341

SECTIONS	LETTER GRADE	GRADE POINTS	WEIGHTING FACTORS	SECTION POINTS
Financial	A	4	1	4
Collection	A	4	3	12
TOTALS			4	16
GRADE POINT AVERAGE (GPA) = 4.00				

Notes:

- A = Voluntary Range (Response Optional)
- B = Voluntary Range (Response Optional)
- C = Recommendation Range (Response Required)
- D = Action Range (Response Required)
- F = Action Range (Response Required)