

Compliance Maintenance Annual Report

Greenfield Sewage Collection System

Last Updated: Reporting For:
6/3/2025 2024

Financial Management

1. Provider of Financial Information		
Name:	<input type="text" value="Paula Schafer"/>	
Telephone:	<input type="text" value="414-329-5283"/>	(XXX) XXX-XXXX
E-Mail Address (optional):	<input type="text" value="PaulaS@greenfieldwi.us"/>	
2. Treatment Works Operating Revenues		
2.1 Are User Charges or other revenues sufficient to cover O&M expenses for your wastewater treatment plant AND/OR collection system ?		
● Yes (0 points) <input type="checkbox"/>		
○ No (40 points)		
If No, please explain:		
<input type="text"/>		
2.2 When was the User Charge System or other revenue source(s) last reviewed and/or revised?		
Year: <input type="text" value="2024"/>		0
● 0-2 years ago (0 points) <input type="checkbox"/>		
○ 3 or more years ago (20 points) <input type="checkbox"/>		
○ N/A (private facility)		
2.3 Did you have a special account (e.g., CWFPP required segregated Replacement Fund, etc.) or financial resources available for repairing or replacing equipment for your wastewater treatment plant and/or collection system?		
● Yes (0 points)		
○ No (40 points)		
REPLACEMENT FUNDS [PUBLIC MUNICIPAL FACILITIES SHALL COMPLETE QUESTION 3]		
3. Equipment Replacement Funds		
3.1 When was the Equipment Replacement Fund last reviewed and/or revised?		
Year: <input type="text" value="2024"/>		
● 1-2 years ago (0 points) <input type="checkbox"/>		
○ 3 or more years ago (20 points) <input type="checkbox"/>		
○ N/A		
If N/A, please explain:		
<input type="text"/>		
3.2 Equipment Replacement Fund Activity		
3.2.1 Ending Balance Reported on Last Year's CMAR		\$ <input type="text" value="383,444.00"/>
3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)		\$ <input type="text" value="0.00"/>
3.2.3 Adjusted January 1st Beginning Balance		\$ <input type="text" value="383,444.00"/>
3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)		\$ <input type="text" value="105,199.00"/>
		+

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<div>3.2.5 Subtractions from Fund (e.g., equipment replacement, major repairs - use description box 3.2.6.1 below*)<div>-</div><div>\$0.00</div></div> <div>3.2.6 Ending Balance as of December 31st for CMAR Reporting Year<div>\$488,643.00</div></div> <div>All Sources: This ending balance should include all Equipment Replacement Funds whether held in a bank account(s), certificate(s) of deposit, etc.</div> <div>3.2.6.1 Indicate adjustments, equipment purchases, and/or major repairs from 3.2.5 above.<div>None</div></div> <div>3.3 What amount should be in your Replacement Fund?<div>\$488,643.00</div></div> <div>Please note: If you had a CWWFP 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.</div> <div>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)?<div><div><div>Yes</div><div>No</div></div><div>If No, please explain.</div></div></div>				0																											
<div>4. Future Planning</div> <div>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?<div><div>Yes - If Yes, please provide major project information, if not already listed below.</div><div>No</div></div></div> <table><thead><tr><th>Project #</th><th>Project Description</th><th>Estimated Cost</th><th>Approximate Construction Year</th></tr></thead><tbody><tr><td>1</td><td>Equipment replacement. Sanitary sewer support truck.</td><td>\$60,000</td><td>2025</td></tr><tr><td>2</td><td>Cold Spring sanitary sewer repair (2024 #09). Relay of approximately 150 LF of 30" sanitary sewer to remove a bridge H-pile obstruction. Project design started in 2024, with construction originally anticipated in early 2025. Due to changes in construction scope and additional WI DNR permitting, the project start date will be pushed back to a late 2025 start date.</td><td>\$860,000</td><td>2025</td></tr><tr><td>3</td><td>Sanitary sewer installation project (92nd St bypass sewer). Joint sewer project with private developer to the benefit of both parties. Final details and cost split has yet to be determined. Project originated in 2022 but has been delayed and is now anticipated to begin in mid-2025.</td><td>\$1,360,000</td><td>2025</td></tr><tr><td>4</td><td>Sanitary sewer cleaning (2024 #18). A City project to contract out sewer cleaning for some of our hard to reach, and larger diameter sewers that City crews are not able to clean.</td><td>\$260,000</td><td>2025</td></tr><tr><td>5</td><td>68th St siphon reroute (2024 #10). Rather than replace an aging sanitary sewer siphon that runs under I-894, the City is proposing to reroute sewer flows and remove/abandon the siphon. Project has been split into two phases, with construction for one phase to possibly get underway in 2006, and the other phase in 2027. Phase 2 will require land acquisition and easement items which requires additional time to coordinate.</td><td>\$1,500,000</td><td>2026</td></tr><tr><td>6</td><td>PPII Investigation (2025 #09). A City project to perform property investigation, dyewater flooding and sanitary lateral inspections for up to 112 properties an area that was part of a previous PPII metering effort in basin GF1004. This project would be funded by the MMSD PPII funding program.</td><td>\$150,000</td><td>2026</td></tr></tbody></table>					Project #	Project Description	Estimated Cost	Approximate Construction Year	1	Equipment replacement. Sanitary sewer support truck.	\$60,000	2025	2	Cold Spring sanitary sewer repair (2024 #09). Relay of approximately 150 LF of 30" sanitary sewer to remove a bridge H-pile obstruction. Project design started in 2024, with construction originally anticipated in early 2025. Due to changes in construction scope and additional WI DNR permitting, the project start date will be pushed back to a late 2025 start date.	\$860,000	2025	3	Sanitary sewer installation project (92nd St bypass sewer). Joint sewer project with private developer to the benefit of both parties. Final details and cost split has yet to be determined. Project originated in 2022 but has been delayed and is now anticipated to begin in mid-2025.	\$1,360,000	2025	4	Sanitary sewer cleaning (2024 #18). A City project to contract out sewer cleaning for some of our hard to reach, and larger diameter sewers that City crews are not able to clean.	\$260,000	2025	5	68th St siphon reroute (2024 #10). Rather than replace an aging sanitary sewer siphon that runs under I-894, the City is proposing to reroute sewer flows and remove/abandon the siphon. Project has been split into two phases, with construction for one phase to possibly get underway in 2006, and the other phase in 2027. Phase 2 will require land acquisition and easement items which requires additional time to coordinate.	\$1,500,000	2026	6	PPII Investigation (2025 #09). A City project to perform property investigation, dyewater flooding and sanitary lateral inspections for up to 112 properties an area that was part of a previous PPII metering effort in basin GF1004. This project would be funded by the MMSD PPII funding program.	\$150,000
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5. Financial Management General Comments																															

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<div>None</div>		
ENERGY EFFICIENCY AND USE		
6. Collection System		
6.1 Energy Usage		
6.1.1 Enter the monthly energy usage from the different energy sources:		
COLLECTION SYSTEM PUMPAGE: Total Power Consumed		
Number of Municipally Owned Pump/Lift Stations: <div>0</div>		
	Electricity Consumed (kWh)	Natural Gas Consumed (therms)
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0
Total	0	0
Average	0	0
6.1.2 Comments:		
<div>Not applicable</div>		
6.2 Energy Related Processes and Equipment		
6.2.1 Indicate equipment and practices utilized at your pump/lift stations (Check all that apply):		
<div><div><input type="checkbox"/> Comminution or Screening</div><div><input type="checkbox"/> Extended Shaft Pumps</div><div><input type="checkbox"/> Flow Metering and Recording</div><div><input type="checkbox"/> Pneumatic Pumping</div><div><input type="checkbox"/> SCADA System</div><div><input type="checkbox"/> Self-Priming Pumps</div><div><input type="checkbox"/> Submersible Pumps</div><div><input type="checkbox"/> Variable Speed Drives</div><div><input checked="" type="checkbox"/> Other:</div></div> <div><div>Not applicable</div></div>		
6.2.2 Comments:		
<div>Not applicable</div>		
6.3 Has an Energy Study been performed for your pump/lift stations?		
<div><div>No</div></div>		

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<div>o Yes</div> <div>Year: <input type="text"/></div> <div>By Whom: <input type="text"/></div> <div>Describe and Comment: <input type="text"/></div> <div>6.4 Future Energy Related Equipment</div> <div>6.4.1 What energy efficient equipment or practices do you have planned for the future for your pump/lift stations?</div> <div><input type="text" value="Not applicable"/></div>	
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Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

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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:

- 1) Comply with WPDES permit containing SSO's
2) Minimize the occurrence of preventable overflows
3) Minimize the life cycle ownership costs of the collection system
4) Improve or maintain system reliability
5) Reduce the potential threat to human health from SSO's
6) Provide adequate capacity to human health from SSO's
7) Protect collection system worker health and safety
8) Operate a continuous CMOM program

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?

Greenfield Municipal Code

If you have a Sewer Use Ordinance or other similar document, when was it last reviewed and revised? (MM/DD/YYYY) 2019-09-17

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

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☒ Operation and Maintenance [NR 210.23 (4) (d)]

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:

0

☒ 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:

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	23.4	% of system/year
Root removal	23.4	% of system/year
Flow monitoring	1.5	% of system/year
Smoke testing	0	% of system/year
Sewer line televising	13.7	% of system/year
Manhole inspections	3.8	% of system/year
Lift station O&M	0	# per L.S./year
Manhole rehabilitation	1.4	% of manholes rehabbed
Mainline rehabilitation		

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	<input type="text" value="1.2"/>	% of sewer lines rehabbed
Private sewer inspections	<input type="text" value="0.16"/>	% of system/year
Private sewer I/I removal	<input type="text" value="0.20"/>	% of private services
River or water crossings	<input type="text" value="100"/>	% of pipe crossings evaluated or maintained
Please include additional comments about your sanitary sewer collection system below:		
<input type="text" value="None"/>		

3. Performance Indicators

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

<input type="text" value="38.8"/>	Total actual amount of precipitation last year in inches
<input type="text" value="38.8"/>	Annual average precipitation (for your location)
<input type="text" value="149.4"/>	Miles of sanitary sewer
<input type="text" value="0"/>	Number of lift stations
<input type="text" value="0"/>	Number of lift station failures
<input type="text" value="0"/>	Number of sewer pipe failures
<input type="text" value="0"/>	Number of basement backup occurrences
<input type="text" value="20"/>	Number of complaints
<input type="text" value="4.8"/>	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="0.00"/>	Lift station failures (failures/year)
<input type="text" value="0.00"/>	Sewer pipe failures (pipe failures/sewer mile/yr)
<input type="text" value="0.00"/>	Sanitary sewer overflows (number/sewer mile/yr)
<input type="text" value="0.00"/>	Basement backups (number/sewer mile)
<input type="text" value="0.13"/>	Complaints (number/sewer mile)
<input type="text" value="0.0"/>	Peaking factor ratio (Peak Monthly:Annual Daily Avg)
<input type="text" value="0.0"/>	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
	None reported			

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

5. Infiltration / Inflow (I/I)

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

☐ Yes

☒ No

If Yes, please describe:

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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:

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

The City continues to work with MMSD to address private property I/I (PPII). MMSD is the primary funding source for our PPII program.

Since 2022, Greenfield no longer has any non-compliant metersheds.

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

The City continues to follow standards, accepted practices and procedures for operation and maintaining its collection system.

The City follows an 8/4-year cleaning and televising program where all mains are CCTV'd at least once every 8 year and cleaned at least once every 4 years. CCTV is our primary means of rating pipes for structural and I/I deficiencies.

Using sewer main assessment and rating data, the City has developed and is following an informal long-range sanitary sewer rehabilitation plan to address known needs in our system due to aging infrastructure.

In 2024, the City lined 9,300 LF of public sewer main and made various spot repairs to 50 LF of public sewer main. In 2024 the City began to design a sewer relay to replace a large diameter (30") that has a hole in it due to a bridge piling being driven through it.

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

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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)

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Resolution or Owner's Statement

Name of Governing Body or Owner:	City of Greenfield
Date of Resolution or Action Taken:	2025-05-20
Resolution Number:	4069
Date of Submittal:	

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO SPECIFIC CMAR SECTIONS (Optional for grade A or B. Required for grade C, D, or F):
Financial Management: Grade = A

Collection Systems: Grade = A
(Regardless of grade, response required for Collection Systems if SSOs were reported)

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO THE OVERALL GRADE POINT AVERAGE AND ANY GENERAL COMMENTS
(Optional for G.P.A. greater than or equal to 3.00, required for G.P.A. less than 3.00)
G.P.A. = 4.00