

## **RESOLUTION R-22-16**

### **A RESOLUTION ACKNOWLEDGING REVIEW OF CITY OF MENASHA 2014 COMPLIANCE MAINTENANCE ANNUAL REPORT UNDER WISCONSIN ADMINISTRATIVE CODE NR 208**

*Introduced by Ald. Krautkramer*

WHEREAS, it is a requirement under a Wisconsin Pollutant Discharge Elimination System (WPDES) permit issued by the Wisconsin Department of Natural Resources to file Compliance Maintenance Annual Report (CMAR) for its wastewater collection system under Wisconsin Administrative Code NR 208; and

WHEREAS, it is necessary to acknowledge that the governing body has reviewed the Compliance Maintenance Annual Report (CMAR); and

WHEREAS, it is necessary to provide recommendations or an action response plan for all individual CMAR section grades of "C" or less and/or an overall grade point average <3.00;

NOW, THEREFORE BE IT RESOLVED by the Mayor and the Common Council of the City of Menasha concurring, that no recommendations or corrective actions are necessary at this time because the City has achieved CMAR grades of "A" for its individual sections for its 2014 CMAR reporting year.

*Passed and approved this \_\_\_ day of June, 2016.*

\_\_\_\_\_  
*Donald J. Merkes, Mayor*

ATTEST: \_\_\_\_\_  
*Deborah A. Galeazzi, City Clerk*

# Compliance Maintenance Annual Report

Menasha City

Last Updated: Reporting For:  
6/2/2016 **2015**

## Financial Management

<p>1. Provider of Financial Information</p> <p>Name: <input style="width: 150px;" type="text" value="Peggy Steeno"/></p> <p>Telephone: <input style="width: 150px;" type="text" value="(920) 967-3630"/> (XXX) XXX-XXXX</p> <p>E-Mail Address (optional): <input style="width: 300px;" type="text" value="psteeno@ci.menasha.wi.us"/></p>																									
<p>2. Treatment Works Operating Revenues</p> <p>2.1 Are User Charges or other revenues sufficient to cover O&amp;M expenses for your wastewater treatment plant AND/OR collection system ?</p> <p><input checked="" type="radio"/> Yes (0 points)</p> <p><input type="radio"/> 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: 80px;" type="text" value="2014"/></p> <p><input checked="" type="radio"/> 0-2 years ago (0 points)</p> <p><input type="radio"/> 3 or more years ago (20 points)</p> <p><input type="radio"/> N/A (private facility)</p> <p>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?</p> <p><input checked="" type="radio"/> Yes (0 points)</p> <p><input type="radio"/> No (40 points)</p>	0																								
<b>REPLACEMENT FUNDS [PUBLIC MUNICIPAL FACILITIES SHALL COMPLETE QUESTION 3]</b>																									
<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: 80px;" type="text" value="2015"/></p> <p><input checked="" type="radio"/> 1-2 years ago (0 points)</p> <p><input type="radio"/> 3 or more years ago (20 points)</p> <p><input type="radio"/> 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%;"><b>3.2.1 Ending Balance Reported on Last Year's CMAR</b></td> <td style="width: 5%;"></td> <td style="width: 5%; text-align: right;">\$</td> <td style="width: 30%; text-align: right;"><input style="width: 100%;" type="text" value="100,000.00"/></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></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></td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 100%;" type="text" value="100,000.00"/></td> </tr> <tr> <td>3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)</td> <td style="text-align: center;">+</td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 100%;" type="text" value="10,000.00"/></td> </tr> <tr> <td>3.2.5 Subtractions from Fund (e.g., equipment replacement, major repairs - use description box 3.2.6.1 below*)</td> <td style="text-align: center;">-</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>3.2.6 Ending Balance as of December 31st for CMAR Reporting Year</td> <td></td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 100%;" type="text" value="110,000.00"/></td> </tr> </table>	<b>3.2.1 Ending Balance Reported on Last Year's CMAR</b>		\$	<input style="width: 100%;" type="text" value="100,000.00"/>	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="100,000.00"/>	3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)	+	\$	<input style="width: 100%;" type="text" value="10,000.00"/>	3.2.5 Subtractions from Fund (e.g., equipment replacement, major repairs - use description box 3.2.6.1 below*)	-	\$	<input style="width: 100%;" type="text" value="0.00"/>	3.2.6 Ending Balance as of December 31st for CMAR Reporting Year		\$	<input style="width: 100%;" type="text" value="110,000.00"/>	
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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.

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

Please note: If you had a CWFPP 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 HELP link under Info 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
None reported			

5. Financial Management General Comments

The City has a CWFPP recommendation of annual \$10,000 deposits to our replacement fund. These payments started in 2005 and reflect funds necessary to replace, or make major repairs to, our four lift stations in the system.

0

<b>Total Points Generated</b>	0
<b>Score (100 - Total Points Generated)</b>	100
<b>Section Grade</b>	<b>A</b>

# Compliance Maintenance Annual Report

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## Sanitary Sewer Collection Systems

### 1. CMOM Program

1.1 Do you have a Capacity, Management, Operation & Maintenance (CMOM) requirement in your WPDES permit?

- Yes
- No

1.2 Did you have a documented (written records/files, computer files, video tapes, etc.) sanitary sewer collection system operation & maintenance (O&M) or CMOM program last calendar year?

- Yes (Continue with question 1)
- No (30 points) (Go to question 2)

1.3 Check the elements listed below that are included in your O&M or CMOM program.

Goals

Describe the specific goals you have for your collection system.

Organization

Do you have the following written organizational elements (check only those that apply)?

- Ownership and governing body description
- Organizational chart
- Personnel and position descriptions
- Internal communication procedures
- Public information and education program

Legal Authority

Do you have the legal authority for the following (check only those that apply)?

Sewer use ordinance Last Revised Date (MM/DD/YYYY)

- Pretreatment/industrial control Programs
- Fat, oil and grease control
- Illicit discharges (commercial, industrial)
- Private property clear water (sump pumps, roof or foundation drains, etc.)
- Private lateral inspections/repairs
- Service and management agreements

Maintenance Activities (provide details in question 2)

Design and Performance Provisions

How do you ensure that your sewer system is designed and constructed properly?

- State plumbing code
- DNR NR 110 standards
- Local municipal code requirements
- Construction, inspection, and testing
- Others:

Overflow Emergency Response Plan:

Does your emergency response capability include (check only those that apply)?

- Alarm system and routine testing
- Emergency equipment
- Emergency procedures
- Communications/notifications (DNR, internal, public, media, etc.)

Capacity Assurance:

How well do you know your sewer system? Do you have the following?

- Current and up-to-date sewer map
- Sewer system plans and specifications

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- Manhole location map
  - Lift station pump and wet well capacity information
  - Lift station O&M manuals
- Within your sewer system have you identified the following?
- Areas with flat sewers
  - Areas with surcharging
  - Areas with bottlenecks or constrictions
  - Areas with chronic basement backups or SSOs
  - Areas with excess debris, solids, or grease accumulation
  - Areas with heavy root growth
  - Areas with excessive infiltration/inflow (I/I)
  - Sewers with severe defects that affect flow capacity
  - Adequacy of capacity for new connections
  - Lift station capacity and/or pumping problems

Annual Self-Auditing of your O&M/CMOM Program to ensure above components are being implemented, evaluated, and re-prioritized as needed

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:

We performed flow monitoring on Doty Island to identify potential I/I sources.

## 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	75	% of system/year
Root removal	0	% of system/year
Flow monitoring	2	% of system/year
Smoke testing	0	% of system/year
Sewer line televising	4	% of system/year
Manhole inspections	2	% of system/year
Lift station O&M	1	# per L.S./year
Manhole rehabilitation	1	% of manholes rehabbed
Mainline rehabilitation	1	% of sewer lines rehabbed
Private sewer inspections	2	% of system/year
Private sewer I/I removal	1	% of private services

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

## 3. Performance Indicators

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

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29.1	Total actual amount of precipitation last year in inches
31	Annual average precipitation (for your location)
54.3	Miles of sanitary sewer
4	Number of lift stations
0	Number of lift station failures
0	Number of sewer pipe failures
7	Number of basement backup occurrences
7	Number of complaints
2.57	Average daily flow in MGD (if available)
4.27	Peak monthly flow in MGD (if available)
	Peak hourly flow in MGD (if available)
3.2 Performance ratios for the past year:	
0.00	Lift station failures (failures/year)
0.00	Sewer pipe failures (pipe failures/sewer mile/yr)
0.07	Sanitary sewer overflows (number/sewer mile/yr)
0.13	Basement backups (number/sewer mile)
0.13	Complaints (number/sewer mile)
1.7	Peaking factor ratio (Peak Monthly:Annual Daily Avg)
0.0	Peaking factor ratio (Peak Hourly:Annual Daily Avg)

## 4. Overflows

LIST OF SANITARY SEWER (SSO) AND TREATMENT FACILITY (TFO) OFERFLOWS REPORTED **				
	Date	Location	Cause	Estimated Volume (MG)
0	12/14/2015 8:45:00 AM - 12/14/2015 1:00:00 PM	Manhole at Lakecrest Drive & Butte des Morts Drive	Rain	0.17 - 0.17
1	12/14/2015 8:45:00 AM - 12/14/2015 3:15:00 PM	Manhole at Keyes St & Park St	Rain	0.24 - 0.24
2	12/14/2015 8:15:00 AM - 12/14/2015 4:45:00 PM	Manhole at 7th St. & Ida St.	Rain	0.32 - 0.32
3	12/14/2015 9:00:00 AM - 12/14/2015 3:00:00 PM	Manhole at 5th St & London St.	Rain	0.4950 - 0.4950

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

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

The City is continuing with our Citywide SSES/I&I removal program, including private property inspections. We also plan to introduce proposed rules regarding inspection and repair of private sanitary laterals. We have increased our sewer televising program to include more private laterals.

## 5. Infiltration / Inflow (I/I)

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

Yes

No

If Yes, please describe:

Until private sewer laterals are addressed, I/I will continue to be significant in our system. This will be our focal point in upcoming years.

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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:

Sewer bypass in December.

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

No significant changes.

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

The City is continuing to identify and address defects in our system through manhole and sewer improvements (reconstruction, relays, rehabilitation). We will continue our private property inspections until the entire City has been covered (anticipated to be 2017).

<b>Total Points Generated</b>	0
<b>Score (100 - Total Points Generated)</b>	100
<b>Section Grade</b>	<b>A</b>

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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
<b>TOTALS</b>			<b>4</b>	<b>16</b>
<b>GRADE POINT AVERAGE (GPA) = 4.00</b>				

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)