



Public Works Committee  
Tuesday, June 13, 2023  
6:00 p.m.  
Cravath Conference Room  
Municipal Building - 2<sup>nd</sup> Floor  
312 W Whitewater St  
Whitewater, WI 53190

### **AGENDA**

1. Call To Order And Roll Call
2. Approval Of Minutes From May 10, 2023

Documents:

[MAY 10, 2023.PDF](#)

3. Hearing Of Citizen Comments  
No formal Public Works Committee action will be taken during this meeting although issues raised may become a part of a future agenda. Participants are allotted a three minute speaking period. Specific items listed on the agenda may not be discussed at this time; however citizens are invited to speak to those specific issues at the time the Public Works Committee discusses that particular item.

4. New Business

- 4.a. Discussion And Possible Action Regarding Wastewater's Compliance Maintenance Annual Report (CMAR).

Documents:

[ITEM 4A.PDF](#)  
[2022 WDNR ECMAR.PDF](#)  
[2022 WDNR RESOLUTION.PDF](#)

- 4.b. Discussion And Possible Action Regarding Removing No Parking On The George Street Cul-De-Sac.

Documents:

[ITEM 4B.PDF](#)  
[EMAIL REQUEST.PDF](#)  
[NO PARKING ADJUSTMENT MAP.PNG](#)

- 4.c. Discussion Of All Potential Sanitary Sewer And Water Main Extension Requests Anticipated For The Next Two Years For New Development.

Documents:

[ITEM 4C.PDF](#)

5. Future Agenda Items

5.a. Sidewalk Replacement Program (July)

6. Adjournment

It is possible that members of, and possibly a quorum of members of, other governmental bodies of the municipality may be in attendance at the above-stated meeting to gather information over which they may have decision-making responsibility; no action will be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in this notice.

Anyone requiring special arrangements is asked to call the Office of the City Manager / City Clerk at least 72 hours prior to the meeting.



Public Works Committee  
Wednesday, May 10, 2023  
6:00 p.m.  
Municipal Building  
2<sup>nd</sup> Floor – Cravath Lakefront Room  
312 W. Whitewater St.  
Whitewater, WI 53190

### MINUTES

**1. Call to order and roll call**

The meeting was called to order by Marquardt at 6:00 p.m. The meeting was held at the Municipal Building in the Cravath Lakefront Room, 2<sup>nd</sup> floor.

Present: Gerber, Allen, Stone  
Others: Marquardt

**2. Election of Chairperson/Vice Chairperson**

Allen nominated David Stone as Chairperson and seconded by Gerber.

AYES: All by via voice vote (2). NOES: None. ABSENT: None

Gerber nominated Jim Allen as Vice Chairperson and seconded by Stone.

AYES: All by via voice vote (2). NOES: None. ABSENT: None

**3. Set day and time for regularly scheduled monthly meetings**

Marquardt stated this committee had been meeting on the second Tuesday of each month at 6:00 p.m. The committee members all agreed to keep the meetings on the second Tuesday of each month at 6:00 p.m.

**4. Approval of minutes from April 12, 2023**

It was moved by Allen and seconded by Gerber to approve the Public Works Committee minutes from April 12, 2023.

AYES: All by via voice vote (3). NOES: None. ABSENT: None.

**5. Hearing of Citizen Comments**

None.

**6. New Business**

**a. Discussion and Possible Action awarding the 2023 Cured in Place Pipe (CIPP) project to Visu-Sewer.**

Marquardt stated this request came from Reel. Staff identified approximately 2032' lineal feet of 8" sanitary sewer and 380' lineal feet of 15" sanitary sewer that would benefit from this reinvestment. Usually, three quotes are obtained; however, it is getting harder and harder to obtain those quotes. Therefore, Reel was only able to procure one quote this time and that was from Visu-Sewer for

\$108,169.00. Reel had reached out to area communities to better understand and verify fair pricing. Based on the amount of work they are looking to complete; the proposal is within the current market range. Staff therefore recommends the CIPP lining project, for 2023, be awarded to Visu-Sewer, of Pewaukee, WI.

Allen asked with the new technology if Marquardt or Reel have seen this take place anywhere else. Marquardt stated the Wastewater Utility has been doing this for many years. It was noted they have not done this on the Water side.

Stone stated this a really good thing as opposed to digging up the street and spending all of the money to pour new cement. Stone asked how they find the laterals. Marquardt stated they go in with a camera before doing the work.

Gerber asked if they could accept this request with only one estimate. Marquardt stated yes, they could, because they reached out and tried to get additional quotes.

Allen moved to approve the 2023 Cured in Place Pipe (CIPP) project to Visu-Sewer and seconded by Gerber.

AYES: Allen, Stone, Gerber. NOES: None. ABSENT: None.

**b. Discussion and Possible Action regarding inspection of private stormwater management facilities.**

Marquardt stated one of the requirements of the City's Municipal Separate Storm Sewer System (MS4) Permit, is for the City to inspect stormwater management facilities (detention ponds, swales, biorotation areas) once per permit cycle, which is five years. The public and private side are to be done as part of the requirement. The majority of the public infrastructure was done in 2022, and in 2023 they would like to take care of the private side. An example of this would be Generac. When their ponds were put in the company signed a contract saying they would be maintained. If they don't maintain the ponds, the City has the right to go in and do the inspection, make repairs, and seek reimbursement for the repairs. Marquardt stated he is not blaming the private side because the City has not done a very good job doing their own inspections. Since this requirement has not been enforced on the private side, staff feels it is in the City's best interest to pay for the initial inspection and provide information to the property owner of any items that require maintenance. Documentation will need to be sent back to the City confirming the maintenance was completed. Moving forward, inspections in subsequent permit terms will be the responsibility of the property owner. This will be relayed to the property owner in the initial letter that will be sent out. Inspections will be scheduled for June and July. Marquardt contacted Water Resources LLC for the inspections. The owner of Water Resources is a long-term storm water engineer from the City of Janesville who has now started his own company. Marquardt received a proposal from Water Resources and Strand. Water Resources was considerably less money than Strand. The cost to inspect and provide a report on the stormwater management facilities is \$6,440. This includes 39 private and 11 city-owned facilities.

**c. Discussion and Possible Action regarding the 2022 Municipal Separate Storm Sewer System (MS4) Annual Report.**

Marquardt stated each year the City is required by the DNR to submit an Annual Report for the City's Municipal Separate Storm Sewer System (MS4) Permit by March 31. Information required for the permit consists of: Public Education and Outreach; Public Involvement and Participation; Illicit Discharge Detection and Elimination; Construction Site Pollutant Control; Post-Construction Storm Water Management; Pollution Prevention; Storm Sewer Map; and Fiscal Analysis. A copy of the MS4 Annual Report is available upon request.

Gerber asked how much credit we are receiving for collecting leaves throughout the year. Marquardt stated he could work with Strand on numbers. Gerber thought that would be a great PSA for the residents as to what we are getting and why we do what we do.

**7. Future Agenda Items**

Gerber stated a while ago there was some discussion about who owned the laterals around the private condominiums on Clay St. Is the City maintaining those lines or are they private? No other committee members were aware of any outstanding complaints at this time. Therefore, no need for further discussion.

**8. Adjournment**

It was moved by Stone and seconded by Allen to adjourn the Public Works Committee meeting at 6:26 p.m.

AYES: All by via voice vote (3). NOES: None. ABSENT: None:

Respectfully submitted,

Alison Stoll, Administrative Assistant  
Department of Public Works

DRAFT



## Public Works Agenda Item

Meeting Date: June 13, 2023

Agenda Item: 4a: Compliance Maintenance Annual Report (eCMAR)

Staff Contact: Brad Marquardt, [bmarquardt@whitewater-wi.gov](mailto:bmarquardt@whitewater-wi.gov), 262-473-0139

### BACKGROUND

In compliance with the WI Dept. of Natural Resources (WDNR), the 2022 Compliance Maintenance Annual Report (CMAR) is included for your review. The CMAR is designed as an assessment tool to communicate the Wastewater Utilities operational success and possible shortcomings or deficiencies to City administration and elected officials. Ratings should help direct time, effort and dollars into the Utility.

For 2022, the Utility recorded an “A” in each rating section with the exception of the Biosolids Quality and Management section. During the fall application period, soil at a field site was not sampled in advance of the application of biosolids. A sample has since been taken. Our contracted land application business is responsible for this step. The contractor was forthright with the error and we have maintained open communication and transparency with the WDNR.

Please notice the “Phosphorus” section to see how well the treatment process has been running. This consistent treatment quality has allowed us the flexibility, with regulators, to utilize the MDV (Multi-Discharger Variance) option for phosphorus compliance. Had the effluent phosphorus concentrations been worse this compliance alternative may not have been feasible. The result is a very economical compliance strategy for the City of Whitewater.

Another item noted, based on our experience, is most biosolid land applicators are no longer interested in taking on new customers. It appears, based on their service capabilities and time restrictions, that they are performing as much work as possible. We do have a contract in place through 2026. However, it may become challenging to obtain multiple bids for a future term.

### PREVIOUS ACTIONS – COMMITTEE RECOMMENDATIONS

N/A

### FINANCIAL IMPACT

N/A

### STAFF RECOMMENDATION

Staff recommends approval of the resolution acknowledging the 2022 Wastewater Utility Compliance Maintenance Annual Report and sending it to Council.

### ATTACHMENT(S) INCLUDED

1. 2022 WDNR eCMAR
2. 2022 WDNR Resolution

# Compliance Maintenance Annual Report

Whitewater Wastewater Treatment Facility

Last Updated: Reporting For:  
5/16/2023 **2022**

## Influent Flow and Loading

### 1. Monthly Average Flows and BOD Loadings

1.1 Verify the following monthly flows and BOD loadings to your facility.

Influent No. 701	Influent Monthly Average Flow, MGD	x	Influent Monthly Average BOD Concentration mg/L	x	8.34	=	Influent Monthly Average BOD Loading, lbs/day
January	1.0602	x	269	x	8.34	=	2,376
February	1.1583	x	261	x	8.34	=	2,520
March	1.2450	x	236	x	8.34	=	2,448
April	1.6751	x	222	x	8.34	=	3,097
May	1.4618	x	214	x	8.34	=	2,613
June	1.1549	x	251	x	8.34	=	2,414
July	1.0968	x	248	x	8.34	=	2,271
August	1.1523	x	252	x	8.34	=	2,423
September	1.4305	x	277	x	8.34	=	3,310
October	1.2898	x	333	x	8.34	=	3,584
November	1.3893	x	282	x	8.34	=	3,272
December	1.3272	x	270	x	8.34	=	2,989

### 2. Maximum Monthly Design Flow and Design BOD Loading

2.1 Verify the design flow and loading for your facility.

Design	Design Factor	x	%	=	% of Design
Max Month Design Flow, MGD	3.8	x	90	=	3.42
		x	100	=	3.8
Design BOD, lbs/day	3065	x	90	=	2758.5
		x	100	=	3065

2.2 Verify the number of times the flow and BOD exceeded 90% or 100% of design, points earned, and score:

	Months of Influent	Number of times flow was greater than 90% of	Number of times flow was greater than 100% of	Number of times BOD was greater than 90% of design	Number of times BOD was greater than 100% of design
January	1	0	0	0	0
February	1	0	0	0	0
March	1	0	0	0	0
April	1	0	0	1	1
May	1	0	0	0	0
June	1	0	0	0	0
July	1	0	0	0	0
August	1	0	0	0	0
September	1	0	0	1	1
October	1	0	0	1	1
November	1	0	0	1	1
December	1	0	0	1	0
Points per each		2	1	3	2
Exceedances		0	0	5	4
Points		0	0	15	8
<b>Total Number of Points</b>					<b>23</b>

23

# Compliance Maintenance Annual Report

Whitewater Wastewater Treatment Facility

Last Updated: Reporting For:  
5/16/2023 2022

## 3. Flow Meter

3.1 Was the influent flow meter calibrated in the last year?  
 Yes Enter last calibration date (MM/DD/YYYY)

No

If No, please explain:

## 4. Sewer Use Ordinance

4.1 Did your community have a sewer use ordinance that limited or prohibited the discharge of excessive conventional pollutants ((C)BOD, SS, or pH) or toxic substances to the sewer from industries, commercial users, hauled waste, or residences?

Yes

No

If No, please explain:

4.2 Was it necessary to enforce the ordinance?

Yes

No

If Yes, please explain:

## 5. Septage Receiving

5.1 Did you have requests to receive septage at your facility?

Septic Tanks	Holding Tanks	Grease Traps
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Yes

Yes

Yes

No

No

No

5.2 Did you receive septage at your facility? If yes, indicate volume in gallons.

Septic Tanks

Yes  gallons

No

Holding Tanks

Yes  gallons

No

Grease Traps

Yes  gallons

No

5.2.1 If yes to any of the above, please explain if plant performance is affected when receiving any of these wastes.

## 6. Pretreatment

6.1 Did your facility experience operational problems, permit violations, biosolids quality concerns, or hazardous situations in the sewer system or treatment plant that were attributable to commercial or industrial discharges in the last year?

Yes

No

If yes, describe the situation and your community's response.

6.2 Did your facility accept hauled industrial wastes, landfill leachate, etc.?

# Compliance Maintenance Annual Report

Whitewater Wastewater Treatment Facil

Last Updated: Reporting For:  
5/16/2023 **2022**

Yes

No

If yes, describe the types of wastes received and any procedures or other restrictions that were in place to protect the facility from the discharge of hauled industrial wastes.

We accepted 67,000 gallons of leachate in 2022. In addition, we accepted 4,525 gallons of pit water. We have not had any operational or process concerns relative to the leachate waste stream. Pit wastewater is screened and samples in a similar fashion to septage and holding tank waste.

<b>Total Points Generated</b>	23
<b>Score (100 - Total Points Generated)</b>	77
<b>Section Grade</b>	<b>C</b>

# Compliance Maintenance Annual Report

Whitewater Wastewater Treatment Facil

Last Updated: Reporting For:  
5/16/2023 **2022**

## Effluent Quality and Plant Performance (BOD/CBOD)

### 1. Effluent (C)BOD Results

1.1 Verify the following monthly average effluent values, exceedances, and points for BOD or CBOD

Outfall No. 001	Monthly Average Limit (mg/L)	90% of Permit Limit > 10 (mg/L)	Effluent Monthly Average (mg/L)	Months of Discharge with a Limit	Permit Limit Exceedance	90% Permit Limit Exceedance
January	20	18	0	1	0	0
February	20	18	0	1	0	0
March	20	18	1	1	0	0
April	20	18	0	1	0	0
May	10	10	1	1	0	0
June	10	10	3	1	0	0
July	10	10	1	1	0	0
August	10	10	1	1	0	0
September	10	10	0	1	0	0
October	10	10	0	1	0	0
November	20	18	0	1	0	0
December	20	18	0	1	0	0

\* Equals limit if limit is <= 10

Months of discharge/yr	12		
Points per each exceedance with 12 months of discharge		7	3
Exceedances		0	0
Points		0	0
<b>Total number of points</b>			<b>0</b>

NOTE: For systems that discharge intermittently to state waters, the points per monthly exceedance for this section shall be based upon a multiplication factor of 12 months divided by the number of months of discharge. Example: For a wastewater facility discharging only 6 months of the year, the multiplication factor is 12/6 = 2.0

1.2 If any violations occurred, what action was taken to regain compliance?

### 2. Flow Meter Calibration

2.1 Was the effluent flow meter calibrated in the last year?

- Yes

Enter last calibration date (MM/DD/YYYY)

2022-07-26

- No

If No, please explain:

### 3. Treatment Problems

3.1 What problems, if any, were experienced over the last year that threatened treatment?

No concerns were great enough to threaten treatment but, we did have challenges with digester foaming and a couple periods where ammonia concentrations were higher than we would like.

### 4. Other Monitoring and Limits

4.1 At any time in the past year was there an exceedance of a permit limit for any other pollutants such as chlorides, pH, residual chlorine, fecal coliform, or metals?

- Yes

# Compliance Maintenance Annual Report

Whitewater Wastewater Treatment Facil

Last Updated: Reporting For:  
5/16/2023 **2022**

<p><input checked="" type="radio"/> No</p> <p>If Yes, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
<p>4.2 At any time in the past year was there a failure of an effluent acute or chronic whole effluent toxicity (WET) test?</p> <p><input type="radio"/> Yes</p> <p><input checked="" type="radio"/> No</p> <p>If Yes, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
<p>4.3 If the biomonitoring (WET) test did not pass, were steps taken to identify and/or reduce source(s) of toxicity?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input checked="" type="radio"/> N/A</p> <p>Please explain unless not applicable:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>

<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

Whitewater Wastewater Treatment Facility

Last Updated: Reporting For:  
5/16/2023 **2022**

## Effluent Quality and Plant Performance (Total Suspended Solids)

### 1. Effluent Total Suspended Solids Results

1.1 Verify the following monthly average effluent values, exceedances, and points for TSS:

Outfall No. 001	Monthly Average Limit (mg/L)	90% of Permit Limit >10 (mg/L)	Effluent Monthly Average (mg/L)	Months of Discharge with a Limit	Permit Limit Exceedance	90% Permit Limit Exceedance
January	20	18	0	1	0	0
February	20	18	0	1	0	0
March	20	18	3	1	0	0
April	20	18	1	1	0	0
May	10	10	1	1	0	0
June	10	10	2	1	0	0
July	10	10	1	1	0	0
August	10	10	1	1	0	0
September	10	10	0	1	0	0
October	10	10	1	1	0	0
November	20	18	0	1	0	0
December	20	18	0	1	0	0

\* Equals limit if limit is <= 10

Months of Discharge/yr	12		
<b>Points per each exceedance with 12 months of discharge:</b>	<b>7</b>	<b>3</b>	
Exceedances	0	0	
Points	0	0	
<b>Total Number of Points</b>		<b>0</b>	

NOTE: For systems that discharge intermittently to state waters, the points per monthly exceedance for this section shall be based upon a multiplication factor of 12 months divided by the number of months of discharge.

Example: For a wastewater facility discharging only 6 months of the year, the multiplication factor is  $12/6 = 2.0$

1.2 If any violations occurred, what action was taken to regain compliance?

N/A

<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

Whitewater Wastewater Treatment Facility

Last Updated: Reporting For:  
5/16/2023 **2022**

## Effluent Quality and Plant Performance (Ammonia - NH3)

### 1. Effluent Ammonia Results

1.1 Verify the following monthly and weekly average effluent values, exceedances and points for ammonia

Outfall No. 001	Monthly Average NH3 Limit (mg/L)	Weekly Average NH3 Limit (mg/L)	Effluent Monthly Average NH3 (mg/L)	Monthly Permit Limit Exceedance	Effluent Weekly Average for Week 1	Effluent Weekly Average for Week 2	Effluent Weekly Average for Week 3	Effluent Weekly Average for Week 4	Weekly Permit Limit Exceedance
January	4.4		.021	0					
February	4.4		0	0					
March	4.8		0	0					
April	4.3		0	0					
May	4		0	0					
June	3.2		.019	0					
July	3		1.975	0					
August	3		0	0					
September	3		0	0					
October	4.1		.998	0					
November	4.5		.162	0					
December	4.4		0	0					
Points per each exceedance of Monthly average:									10
Exceedances, Monthly:									0
Points:									0
Points per each exceedance of weekly average (when there is no monthly average):									2.5
Exceedances, Weekly:									0
Points:									0
<b>Total Number of Points</b>									<b>0</b>

0

NOTE: Limit exceedances are considered for monthly OR weekly averages but not both. When a monthly average limit exists it will be used to determine exceedances and generate points. This will be true even if a weekly limit also exists. When a weekly average limit exists and a monthly limit does not exist, the weekly limit will be used to determine exceedances and generate points.

1.2 If any violations occurred, what action was taken to regain compliance?

N/A

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

# Compliance Maintenance Annual Report

Whitewater Wastewater Treatment Facility

Last Updated: Reporting For:  
5/16/2023 **2022**

## Effluent Quality and Plant Performance (Phosphorus)

### 1. Effluent Phosphorus Results

#### 1.1 Verify the following monthly average effluent values, exceedances, and points for Phosphorus

Outfall No. 001	Monthly Average phosphorus Limit (mg/L)	Effluent Monthly Average phosphorus (mg/L)	Months of Discharge with a Limit	Permit Limit Exceedance
January	1	0.213	1	0
February	1	0.090	1	0
March	1	0.114	1	0
April	1	0.295	1	0
May	1	0.397	1	0
June	1	0.197	1	0
July	1	0.180	1	0
August	1	0.143	1	0
September	1	0.116	1	0
October	1	0.124	1	0
November	1	0.168	1	0
December	1	0.146	1	0
Months of Discharge/yr			12	
<b>Points per each exceedance with 12 months of discharge:</b>				<b>10</b>
Exceedances				0
<b>Total Number of Points</b>				<b>0</b>

0

NOTE: For systems that discharge intermittently to waters of the state, the points per monthly exceedance for this section shall be based upon a multiplication factor of 12 months divided by the number of months of discharge.

Example: For a wastewater facility discharging only 6 months of the year, the multiplication factor is  $12/6 = 2.0$

#### 1.2 If any violations occurred, what action was taken to regain compliance?

N/A

<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

Whitewater Wastewater Treatment Facil

Last Updated: Reporting For:  
5/16/2023 **2022**

## Biosolids Quality and Management

### 1. Biosolids Use/Disposal

1.1 How did you use or dispose of your biosolids? (Check all that apply)

- Land applied under your permit
- Publicly Distributed Exceptional Quality Biosolids
- Hauled to another permitted facility
- Landfilled
- Incinerated
- Other

NOTE: If you did not remove biosolids from your system, please describe your system type such as lagoons, reed beds, recirculating sand filters, etc.

1.1.1 If you checked Other, please describe:

### 2. Land Application Site

2.1 Last Year's Approved and Active Land Application Sites

2.1.1 How many acres did you have?

3381 acres

2.1.2 How many acres did you use?

87 acres

2.2 If you did not have enough acres for your land application needs, what action was taken?

2.3 Did you overapply nitrogen on any of your approved land application sites you used last year?

Yes (30 points)

No

2.4 Have all the sites you used last year for land application been soil tested in the previous 4 years?

Yes

No (10 points)

N/A

10

### 3. Biosolids Metals

Number of biosolids outfalls in your WPDES permit:

3.1 For each outfall tested, verify the biosolids metal quality values for your facility during the last calendar year.

#### Outfall No. 002 - Liquid Sludge

Parameter	80% of Limit	H.Q. Limit	Ceiling Limit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	80% Value	High Quality	Ceiling
Arsenic		41	75			14											0	0
Cadmium		39	85			1.9											0	0
Copper		1500	4300			660											0	0
Lead		300	840			23											0	0
Mercury		17	57			<1.3											0	0
Molybdenum	60		75			19										0		0
Nickel	336		420			22										0		0
Selenium	80		100			<19										0		0
Zinc		2800	7500			1200											0	0

3.1.1 Number of times any of the metals exceeded the high quality limits OR 80% of the limit for molybdenum, nickel, or selenium = 0

Exceedence Points

0 (0 Points)

# Compliance Maintenance Annual Report

Whitewater Wastewater Treatment Facil

Last Updated: Reporting For:  
5/16/2023 **2022**

<ul style="list-style-type: none"> <li>○ 1-2 (10 Points)</li> <li>○ &gt; 2 (15 Points)</li> </ul> <p>3.1.2 If you exceeded the high quality limits, did you cumulatively track the metals loading at each land application site? (check applicable box)</p> <ul style="list-style-type: none"> <li>○ Yes</li> <li>○ No (10 points)</li> <li>● N/A - Did not exceed limits or no HQ limit applies (0 points)</li> <li>○ N/A - Did not land apply biosolids until limit was met (0 points)</li> </ul> <p>3.1.3 Number of times any of the metals exceeded the ceiling limits = 0</p> <p>Exceedence Points</p> <ul style="list-style-type: none"> <li>● 0 (0 Points)</li> <li>○ 1 (10 Points)</li> <li>○ &gt; 1 (15 Points)</li> </ul> <p>3.1.4 Were biosolids land applied which exceeded the ceiling limit?</p> <ul style="list-style-type: none"> <li>○ Yes (20 Points)</li> <li>● No (0 Points)</li> </ul> <p>3.1.5 If any metal limit (high quality or ceiling) was exceeded at any time, what action was taken? Has the source of the metals been identified?</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	0
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<p>4. Pathogen Control (per outfall):</p> <p>4.1 Verify the following information. If any information is incorrect, use the Report Issue button under the Options header in the left-side menu.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Outfall Number:</td> <td style="text-align: center;"><b>002</b></td> </tr> <tr> <td>Biosolids Class:</td> <td style="text-align: center;">B</td> </tr> <tr> <td>Bacteria Type and Limit:</td> <td style="text-align: center;">Fecal Coliform</td> </tr> <tr> <td>Sample Dates:</td> <td>01/01/2022 - 12/31/2022</td> </tr> <tr> <td>Density:</td> <td>33,184</td> </tr> <tr> <td>Sample Concentration Amount:</td> <td>CFU/G TS</td> </tr> <tr> <td>Requirement Met:</td> <td>Yes</td> </tr> <tr> <td>Land Applied:</td> <td>Yes</td> </tr> <tr> <td>Process:</td> <td>Anaerobic Digestion</td> </tr> <tr> <td>Process Description:</td> <td>Seven discrete samples were taken over a 3 day period.</td> </tr> </table> <p>4.2 If exceeded Class B limit or did not meet the process criteria at the time of land application.</p> <p>4.2.1 Was the limit exceeded or the process criteria not met at the time of land application?</p> <ul style="list-style-type: none"> <li>○ Yes (40 Points)</li> <li>● No</li> </ul> <p>If yes, what action was taken?</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Outfall Number:	<b>002</b>	Biosolids Class:	B	Bacteria Type and Limit:	Fecal Coliform	Sample Dates:	01/01/2022 - 12/31/2022	Density:	33,184	Sample Concentration Amount:	CFU/G TS	Requirement Met:	Yes	Land Applied:	Yes	Process:	Anaerobic Digestion	Process Description:	Seven discrete samples were taken over a 3 day period.	0
Outfall Number:	<b>002</b>																				
Biosolids Class:	B																				
Bacteria Type and Limit:	Fecal Coliform																				
Sample Dates:	01/01/2022 - 12/31/2022																				
Density:	33,184																				
Sample Concentration Amount:	CFU/G TS																				
Requirement Met:	Yes																				
Land Applied:	Yes																				
Process:	Anaerobic Digestion																				
Process Description:	Seven discrete samples were taken over a 3 day period.																				

<p>5. Vector Attraction Reduction (per outfall):</p> <p>5.1 Verify the following information. If any of the information is incorrect, use the Report Issue button under the Options header in the left-side menu.</p>	
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Whitewater Wastewater Treatment Facility

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Outfall Number:	<b>002</b>	<b>0</b>
Method Date:	12/31/2022	
Option Used To Satisfy Requirement:	Incorporation when land apply	
Requirement Met:	Yes	
Land Applied:	Yes	
Limit (if applicable):		
Results (if applicable):		
<p>5.2 Was the limit exceeded or the process criteria not met at the time of land application?</p> <p><input type="radio"/> Yes (40 Points)</p> <p><input checked="" type="radio"/> No</p> <p>If yes, what action was taken?</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>		
<p>6. Biosolids Storage</p> <p>6.1 How many days of actual, current biosolids storage capacity did your wastewater treatment facility have either on-site or off-site?</p> <p><input checked="" type="radio"/> &gt;= 180 days (0 Points)</p> <p><input type="radio"/> 150 - 179 days (10 Points)</p> <p><input type="radio"/> 120 - 149 days (20 Points)</p> <p><input type="radio"/> 90 - 119 days (30 Points)</p> <p><input type="radio"/> &lt; 90 days (40 Points)</p> <p><input type="radio"/> N/A (0 Points)</p> <p>6.2 If you checked N/A above, explain why.</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>		
<p>7. Issues</p> <p>7.1 Describe any outstanding biosolids issues with treatment, use or overall management:</p> <div style="border: 1px solid black; padding: 5px;"> <p>Application windows continue to become shorter, especially in the spring of the year. Other solids processing challenges include foaming of our anaerobic digester. This does seem more evident in cooler weather months.</p> </div>		

<b>Total Points Generated</b>	10
<b>Score (100 - Total Points Generated)</b>	90
<b>Section Grade</b>	<b>B</b>

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2022

## Staffing and Preventative Maintenance (All Treatment Plants)

<p>1. Plant Staffing</p> <p>1.1 Was your wastewater treatment plant adequately staffed last year?</p> <ul style="list-style-type: none"><li><input type="radio"/> Yes</li><li><input checked="" type="radio"/> No</li></ul> <p>If No, please explain:</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">The Utility was down one staff member beginning in April and two staff members down beginning in August. We remained down two staff through January of 2023.</div> <p>Could use more help/staff for:</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Preventative and corrective work orders saw increased scrutiny and only high priority work was being completed. Despite this, permit compliance remained steady during the above noted period.</div> <p>1.2 Did your wastewater staff have adequate time to properly operate and maintain the plant and fulfill all wastewater management tasks including recordkeeping?</p> <ul style="list-style-type: none"><li><input checked="" type="radio"/> Yes</li><li><input type="radio"/> No</li></ul> <p>If No, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	
<p>2. Preventative Maintenance</p> <p>2.1 Did your plant have a documented AND implemented plan for preventative maintenance on major equipment items?</p> <ul style="list-style-type: none"><li><input checked="" type="radio"/> Yes (Continue with question 2) <input type="checkbox"/><input type="checkbox"/></li><li><input type="radio"/> No (40 points) <input type="checkbox"/><input type="checkbox"/></li></ul> <p>If No, please explain, then go to question 3:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p>2.2 Did this preventative maintenance program depict frequency of intervals, types of lubrication, and other tasks necessary for each piece of equipment?</p> <ul style="list-style-type: none"><li><input checked="" type="radio"/> Yes</li><li><input type="radio"/> No (10 points)</li></ul> <p>2.3 Were these preventative maintenance tasks, as well as major equipment repairs, recorded and filed so future maintenance problems can be assessed properly?</p> <ul style="list-style-type: none"><li><input checked="" type="radio"/> Yes<ul style="list-style-type: none"><li><input type="radio"/> Paper file system</li><li><input checked="" type="radio"/> Computer system</li><li><input type="radio"/> Both paper and computer system</li></ul></li><li><input type="radio"/> No (10 points)</li></ul>	<b>0</b>
<p>3. O&amp;M Manual</p> <p>3.1 Does your plant have a detailed O&amp;M and Manufacturer Equipment Manuals that can be used as a reference when needed?</p> <ul style="list-style-type: none"><li><input type="radio"/> Yes</li><li><input checked="" type="radio"/> No</li></ul>	
<p>4. Overall Maintenance /Repairs</p> <p>4.1 Rate the overall maintenance of your wastewater plant.</p> <ul style="list-style-type: none"><li><input type="radio"/> Excellent</li><li><input checked="" type="radio"/> Very good</li><li><input type="radio"/> Good</li><li><input type="radio"/> Fair</li><li><input type="radio"/> Poor</li></ul>	

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Describe your rating:

Referring to question 3 above, we do have manufacture equipment manuals for equipment. However, we do not have a detailed O&M providing detail to future staff for intended plant processes or operations. Overall, plant staff take great pride in the work they perform and therefore the work place they create. No, vital projects are overlooked. Long term facility reliability is a cornerstone of the Whitewater Wastewater Utility.

<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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## Operator Certification and Education

### 1. Operator-In-Charge

1.1 Did you have a designated operator-in-charge during the report year?

- Yes (0 points)
- No (20 points)

Name:

TIMOTHY E REEL

Certification No:

31525

0

### 2. Certification Requirements

2.1 In accordance with Chapter NR 114.56 and 114.57, Wisconsin Administrative Code, what level and subclass(es) were required for the operator-in-charge (OIC) to operate the wastewater treatment plant and what level and subclass(es) were held by the operator-in-charge?

Sub Class	SubClass Description	WWTP		OIC	
		Advanced	OIT	Basic	Advanced
A1	Suspended Growth Processes	X			X
A2	Attached Growth Processes				X
A3	Recirculating Media Filters				
A4	Ponds, Lagoons and Natural				
A5	Anaerobic Treatment Of Liquid				
B	Solids Separation	X			X
C	Biological Solids/Sludges	X			X
P	Total Phosphorus	X			X
N	Total Nitrogen				
D	Disinfection	X			X
L	Laboratory	X			X
U	Unique Treatment Systems				
SS	Sanitary Sewage Collection	X	NA	NA	NA

0

2.2 Was the operator-in-charge certified at the appropriate level and subclass(es) to operate this plant? (Note: Certification in subclass SS is required 5 years after permit reissuance.)

- Yes (0 points)
- No (20 points)

### 3. Succession Planning

3.1 In the event of the loss of your designated operator-in-charge, did you have a contingency plan to ensure the continued proper operation and maintenance of the plant that includes one or more of the following options (check all that apply)?

- One or more additional certified operators on staff
- An arrangement with another certified operator
- An arrangement with another community with a certified operator
- An operator on staff who has an operator-in-training certificate for your plant and is expected to be certified within one year
- A consultant to serve as your certified operator
- None of the above (20 points)

If "None of the above" is selected, please explain:

0

### 4. Continuing Education Credits

4.1 If you had a designated operator-in-charge, was the operator-in-charge earning Continuing Education Credits at the following rates?

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OIT and Basic Certification: ○ Averaging 6 or more CECs per year. ○ Averaging less than 6 CECs per year. Advanced Certification: ● Averaging 8 or more CECs per year. ○ Averaging less than 8 CECs per year.	
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<b>Total Points Generated</b>	<b>0</b>
<b>Score (100 - Total Points Generated)</b>	<b>100</b>
<b>Section Grade</b>	<b>A</b>

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## Financial Management

1. Provider of Financial Information Name: <input type="text" value="Karen Dieter"/> Telephone: <input type="text" value="262-473-1382"/> (XXX) XXX-XXXX E-Mail Address (optional): <input type="text" value="kdieter@whitewater-wi.gov"/>		
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"/> <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="2022"/> ● 0-2 years ago (0 points) <input type="checkbox"/> <input type="checkbox"/> ○ 3 or more years ago (20 points) <input type="checkbox"/> <input type="checkbox"/> ○ N/A (private facility) 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? ● Yes (0 points) ○ No (40 points)		<b>0</b>
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="2022"/> ● 1-2 years ago (0 points) <input type="checkbox"/> <input type="checkbox"/> ○ 3 or more years ago (20 points) <input type="checkbox"/> <input type="checkbox"/> ○ N/A If N/A, please explain: <input type="text"/>		
3.2 Equipment Replacement Fund Activity		
<b>3.2.1 Ending Balance Reported on Last Year's CMAR</b>	\$ <input type="text" value="2,221,042.00"/>	
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="2,221,042.00"/>	
3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)	\$ <input type="text" value="4,370.00"/>	
	+	

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

\$ 0.00

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

\$ 2,225,412.00

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.

ERF was not used in 2022.

3.3 What amount should be in your Replacement Fund?

\$ 1,781,302.00

0

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 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	Vanderlip Lift Station, commissioned in 1961, is being planned for replacement. Along with this, flow from an adjacent lift station service area (Fraternity) will be directed to this station. A new force main and numerous laterals replacements round out the road construction portion of this project. Some water main work will also be tackled as part of the larger scope.	\$4,700,000	2023

## 5. Financial Management General Comments

### 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:

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	Electricity Consumed (kWh)	Natural Gas Consumed (therms)
January	6,299	15
February	5,757	18
March	5,991	22
April	5,920	8
May	4,990	8
June	3,609	9
July	3,626	7
August	3,685	8
September	4,290	8
October	4,643	8
November	5,351	9
December	6,360	8
<b>Total</b>	<b>60,521</b>	<b>128</b>
<b>Average</b>	<b>5,043</b>	<b>11</b>

## 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:

Describe and Comment:

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## 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?

In 2023, we will begin construction on one new lift station that will replace two older sites. We will utilize VFD's and a magnetic flowmeter at this site.

## 7. Treatment Facility

### 7.1 Energy Usage

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

#### TREATMENT PLANT: Total Power Consumed/Month

	Electricity Consumed (kWh)	Total Influent Flow (MG)	Electricity Consumed/ Flow (kWh/MG)	Total Influent BOD (1000 lbs)	Electricity Consumed/ Total Influent BOD (kWh/1000lbs)	Natural Gas Consumed (therms)
<b>January</b>	224,578	32.87	6,832	73.66	3,049	8,416
<b>February</b>	259,781	32.43	8,011	70.56	3,682	9,331
<b>March</b>	119,819	38.60	3,104	75.89	1,579	7,389
<b>April</b>	117,761	50.25	2,344	92.91	1,267	5,389
<b>May</b>	128,853	45.32	2,843	81.00	1,591	2,106
<b>June</b>	106,003	34.65	3,059	72.42	1,464	1,617
<b>July</b>	111,455	34.00	3,278	70.40	1,583	1,996
<b>August</b>	109,348	35.72	3,061	75.11	1,456	1,484
<b>September</b>	116,309	42.92	2,710	99.30	1,171	1,813
<b>October</b>	113,044	39.98	2,828	111.10	1,017	3,822
<b>November</b>	134,616	41.68	3,230	98.16	1,371	7,322
<b>December</b>	133,219	41.14	3,238	92.66	1,438	7,687
<b>Total</b>	<b>1,674,786</b>	<b>469.56</b>		<b>1,013.17</b>		<b>58,372</b>
<b>Average</b>	<b>139,566</b>	<b>39.13</b>	<b>3,712</b>	<b>84.43</b>	<b>1,722</b>	<b>4,864</b>

7.1.2 Comments:

### 7.2 Energy Related Processes and Equipment

7.2.1 Indicate equipment and practices utilized at your treatment facility (Check all that apply):

- Aerobic Digestion
- Anaerobic Digestion
- Biological Phosphorus Removal
- Coarse Bubble Diffusers
- Dissolved O2 Monitoring and Aeration Control
- Effluent Pumping
- Fine Bubble Diffusers
- Influent Pumping
- Mechanical Sludge Processing
- Nitrification
- SCADA System
- UV Disinfection
- Variable Speed Drives

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Other:

7.2.2 Comments:

## 7.3 Future Energy Related Equipment

7.3.1 What energy efficient equipment or practices do you have planned for the future for your treatment facility?

We are investigating the need for VFD's on our two anaerobic digester mixers.

## 8. Biogas Generation

8.1 Do you generate/produce biogas at your facility?

No

Yes

If Yes, how is the biogas used (Check all that apply):

Flared Off

Building Heat

Process Heat

Generate Electricity

Other:

## 9. Energy Efficiency Study

9.1 Has an Energy Study been performed for your treatment facility?

No

Yes

Entire facility

Year:

By Whom:

Describe and Comment:

Part of the facility

Year:

By Whom:

Describe and Comment:

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<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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## 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:

Reducing I/I, strengthening the quality of underground infrastructure, improving our information tracking via ArcGIS and documenting ownership.

Did you accomplish them?

- Yes
- No

If No, explain:

The goals are too large to be captured in one calendar year. As in the past, they are ongoing. Each year we leverage the funds we have available to tackle areas determined to be in greatest need.

- 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?

Sewer Use Ordinance

If you have a Sewer Use Ordinance or other similar document, when was it last reviewed and revised? (MM/DD/YYYY) 2019-04-04

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)]

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

- Equipment and replacement part inventories

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- 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	<input style="width: 100px; text-align: center;" type="text" value="30"/>	% of system/year
Root removal	<input style="width: 100px; text-align: center;" type="text" value="1"/>	% of system/year
Flow monitoring	<input style="width: 100px; text-align: center;" type="text" value="0"/>	% of system/year
Smoke testing	<input style="width: 100px; text-align: center;" type="text" value="0"/>	% of system/year
Sewer line televising	<input style="width: 100px; text-align: center;" type="text" value="1"/>	% of system/year
Manhole inspections	<input style="width: 100px; text-align: center;" type="text" value="27"/>	% of system/year
Lift station O&M	<input style="width: 100px; text-align: center;" type="text" value="60"/>	# per L.S./year
Manhole rehabilitation	<input style="width: 100px; text-align: center;" type="text" value="0.9"/>	% of manholes rehabbed
Mainline rehabilitation	<input style="width: 100px; text-align: center;" type="text" value="0.7"/>	% of sewer lines rehabbed
Private sewer inspections		

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Private sewer I/I removal	<input type="text" value="0"/>	% of system/year
River or water crossings	<input type="text" value="0"/>	% of private services
	<input type="text" value="0"/>	% of pipe crossings evaluated or maintained
Please include additional comments about your sanitary sewer collection system below:		
<input type="text" value="The information included in the Utility CMOM program is in need of updating."/>		

### 3. Performance Indicators

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

<input type="text" value="32.83"/>	Total actual amount of precipitation last year in inches
<input type="text" value="34.48"/>	Annual average precipitation (for your location)
<input type="text" value="52"/>	Miles of sanitary sewer
<input type="text" value="7"/>	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="5"/>	Number of basement backup occurrences
<input type="text" value="33"/>	Number of complaints
<input type="text" value="1.286"/>	Average daily flow in MGD (if available)
<input type="text" value="1.675"/>	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="0.10"/>	Basement backups (number/sewer mile)
<input type="text" value="0.63"/>	Complaints (number/sewer mile)
<input type="text" value="1.3"/>	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:

# Compliance Maintenance Annual Report

Whitewater Wastewater Treatment Facil

Last Updated: Reporting For:  
5/16/2023 **2022**

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:

I&I impact for the City is driven by precipitation frequency, timing, volume and ultimately the depth to our water table. 2022 and 2021 did not have long periods of wet weather that caused negative impacts. However, due to age of infrastructure etc. we acknowledge I&I's negative impact on Utility treatment quality and operations during periods when we have an elevated water table.

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

The City continues to inspect for illegally connected sump pumps. Also, I&I impacts are incorporated and recorded as part of our annual manhole inspection process. Flow monitoring sites will continue to be evaluated for value.

<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

Whitewater Wastewater Treatment Facility

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## Grading Summary

WPDES No: 0020001

SECTIONS	LETTER GRADE	GRADE POINTS	WEIGHTING FACTORS	SECTION POINTS
Influent	C	2	3	6
BOD/CBOD	A	4	10	40
TSS	A	4	5	20
Ammonia	A	4	5	20
Phosphorus	A	4	3	12
Biosolids	B	3	5	15
Staffing/PM	A	4	1	4
OpCert	A	4	1	4
Financial	A	4	1	4
Collection	A	4	3	12
<b>TOTALS</b>			<b>37</b>	<b>137</b>
<b>GRADE POINT AVERAGE (GPA) = 3.70</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)

# Compliance Maintenance Annual Report

Whitewater Wastewater Treatment Facility

Last Updated: Reporting For:  
5/16/2023 2022

## Resolution or Owner's Statement

Name of Governing  
Body or Owner:

City of Whitewater

Date of Resolution or  
Action Taken:

2023-06-06

Resolution Number:

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):

Influent Flow and Loadings: Grade = C

Effluent Quality: BOD: Grade = A

Effluent Quality: TSS: Grade = A

Effluent Quality: Ammonia: Grade = A

Effluent Quality: Phosphorus: Grade = A

Biosolids Quality and Management: Grade = B

Staffing: Grade = A

Operator Certification: Grade = A

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. = 3.70**

**City of Whitewater**  
**Wisconsin Department of Natural Resources**  
**Compliance Maintenance Annual Report Resolution**  
**2022**

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

WHEREAS, it is necessary to acknowledge that the governing body has reviewed the CMAR;

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

BE IT RESOLVED, the city council in the City of Whitewater informs the Department of Natural Resources that the 2022 CMAR was reviewed and this resolution was voted on as follows:

Adopted the 20th of June, 2023

Ayes:

Noes:

Absent:

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John S. Weidl, City Manager

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Karri Anderberg, City Clerk



## Public Works Agenda Item

Meeting Date:	June 13, 2023
Agenda Item:	4b. Removing No Parking George Street cul-de-sac
Staff Contact (name, email, phone):	Brad Marquardt, <a href="mailto:bmarguardt@whitewater-wi.gov">bmarguardt@whitewater-wi.gov</a> , 262-473-0139

### BACKGROUND

(Enter the who, what when, where, why)

A request was received from a resident at 311 N. George Street asking for the No Parking to be removed in the cul-de-sac portion of George Street. The City has 24 streets with a cul-de-sac, of which 7 have No Parking within the cul-de-sac. The diameter of George Street is 82 feet. Other cul-de-sacs that allow parking range in size from 80 feet to 90 feet. The Fire Department was asked for their input. Chief Freeman indicated they don't have an issue removing the No Parking on a portion of the cul-de-sac but would like to keep it in place from the east side of the pedestrian path past the hydrant on the west side of the cul-de-sac. The pedestrian path is an emergency access for the Fire Department in case they need to get onto George Street and the entrance from North Street is blocked.

### PREVIOUS ACTIONS – COMMITTEE RECOMMENDATIONS

(Dates, committees, action taken)

N/A

### FINANCIAL IMPACT

(If none, state N/A)

There is no financial impact to remove or adjust the No Parking signs.

### STAFF RECOMMENDATION

Staff would recommend to adjust the No Parking signs to align with the Fire Department's request as shown in the attachment. If the Committee agrees, an Ordinance change will be brought forward to the full Council.

### ATTACHMENT(S) INCLUDED

(If none, state N/A)

1. Email Request
2. No Parking Adjustment Map

## Brad Marquardt

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**From:** Eric Crissey <eric.s.crissey@gmail.com>  
**Sent:** Tuesday, May 23, 2023 7:00 AM  
**To:** Brad Marquardt  
**Subject:** Re: George Street No Parking

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello, My name is Eric Crissey and I live at 311 n george st, it has come to my attention by recent no parking tickets that there is no parking in the cul de sac on North George St, after parking there all last year with no tickets, I didn't think it was an issue. Whitewater has about 15 culs de sac and only 4 have no parking signs in them, which also happened to all be in lower income areas. I'm messaging you today to discuss how we can go about changing the no parking on the east curb line of n george st. I am unable to find a reason for the signage, for whitewater is full of dead ends so if one made the argument, "emergency vehicles need to be able to easily turn around" then all dead ends should be culs de sac. The cul de sac is large enough anyways even with cars parked on the east curbline. The no parking signs seem to be out dated, none of the newer subdivisions have them.

On Wed, May 17, 2023, 1:38 PM Brad Marquardt <[BMarquardt@whitewater-wi.gov](mailto:BMarquardt@whitewater-wi.gov)> wrote:

Eric,

Please send me an email and in the email please include your address and the exact area of George Street you would like the No Parking removed. It would be better yet if you would type of a short letter and have your neighbors sign it to show additional support and include that with your email or send it to me. Once I receive additional information this item can be put on a Public Works Committee meeting. They meet the second Tuesday of each month at 6:00 at city hall. I will let you know the meeting date once I receive additional information.

Thank you,

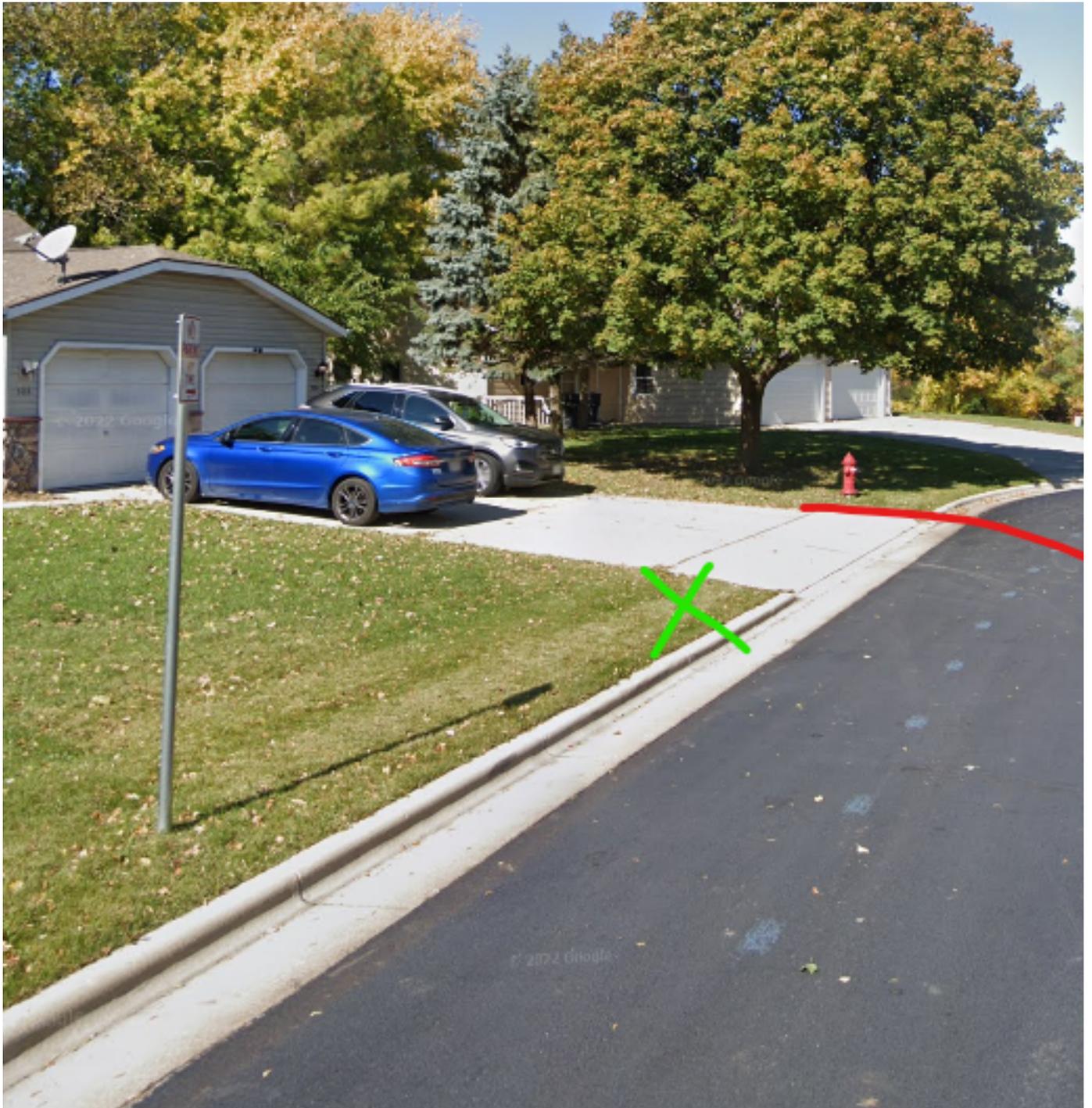
Brad Marquardt

Public Works Director

312 W. Whitewater Street

Whitewater, WI 53190

Sent from [Mail](#) for Windows





## Public Works Agenda Item

Meeting Date:	June 13, 2023
Agenda Item:	4c. Sanitary Sewer and Water Main Extensions
Staff Contact (name, email, phone):	Brad Marquardt, <a href="mailto:bmarguardt@whitewater-wi.gov">bmarguardt@whitewater-wi.gov</a> , 262-473-0139

### BACKGROUND

(Enter the who, what when, where, why)

Public Works Committee Chairperson Stone asked for this to be on the agenda. Currently, the only request known is for the extension of water main to Johns Disposal which will occur later this fall. For new developments, typically the developer is responsible for the installation of the sanitary sewer and water mains. However, it could be possible the Utilities could pay to have sanitary sewer and/or water main extended to a development site. Costs for installation vary depending on soil conditions, especially if rock is encountered and the depth of removal.

### PREVIOUS ACTIONS – COMMITTEE RECOMMENDATIONS

(Dates, committees, action taken)

N/A

### FINANCIAL IMPACT

(If none, state N/A)

Unknown.

### STAFF RECOMMENDATION

For discussion.

### ATTACHMENT(S) INCLUDED

(If none, state N/A)

1.