

# BOARD OF PUBLIC WORKS

City of Kaukauna  
**Council Chambers**  
Municipal Services Building  
144 W. Second Street, Kaukauna



Monday, June 05, 2023 at 6:00 PM

## AGENDA

### In-Person and Remote Teleconference via ZOOM

1. Correspondence.
2. Discussion Topics.
  - a. Red Hills Landfill Update.
  - b. Special Assessment Public Hearing for Project 3-23 Alley Paving.
  - c. Army Corp of Engineers - Right of Entry Approval for Parcel J/Parcel 320.
  - d. Disposal Site Update/Discussion.
  - e. Recommendation for Award of Project 8-23: Ann Street Underground Stormwater Detention.
  - f. Recommendation for Award of Project 9-23: Chip Seal/Temporary Pavement Installation.
  - g. Recommendation for Award of Project 11-23: Horseshoe Park Storm Sewer Repairs.
  - h. 2022 Compliance Maintenance Annual Report (CMAR) to DNR.
  - i. Public Works Update.
3. Adjourn.

## NOTICES

Notice is hereby given that a majority of the City Council will be present at the meeting of the Board of Public Works meeting scheduled for Monday, June 5, 2023 at 6:00 P.M. to gather information about a subject over which they have decision making responsibility.

**IF REQUESTED THREE (3) DAYS PRIOR TO THE MEETING, A SIGN LANGUAGE INTERPRETER WILL BE MADE AVAILABLE AT NO CHARGE.**

Join Zoom Meeting

<https://us06web.zoom.us/j/2346054161?pwd=SWRkZ3k5V2t0MDkzN241d0RvR3h1QT09>

Meeting ID: 234 605 4161

Passcode: 54130

One tap mobile

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+13092053325,,2346054161#,,,,\*54130# US

Dial by your location

+1 305 224 1968 US

+1 309 205 3325 US

+1 312 626 6799 US (Chicago)

+1 646 558 8656 US (New York)

+1 646 931 3860 US

+1 301 715 8592 US (Washington DC)

+1 253 205 0468 US

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 360 209 5623 US

+1 386 347 5053 US

+1 507 473 4847 US

+1 564 217 2000 US

+1 669 444 9171 US

+1 689 278 1000 US

+1 719 359 4580 US

+1 720 707 2699 US (Denver)

Meeting ID: 234 605 4161

Passcode: 54130

Find your local number: <https://us06web.zoom.us/j/kdbmLdH1Z>

## Red Hills Landfill Update May 2023

### General Overview

Work continues at Red Hills to reduce odors. The DNR has approved Phase 6 sequence 2, and the plan would be to start putting waste in the sequence in July or August. This sequence has the designed changes to increase the ability to remove leachate quickly.

Significant progress made this spring on the leachate level in Phase 6, and the surface leachate on the center module. We are working with the City of Kaukauna and the Heart of the Valley to maximize removal without causing issues with the system.

### Surface Condition

Below are some pictures from this week at the landfill. The west module is in good condition, the east module is building a crust as expected, and the focus is on the surface leachate. We have pumping for multiple weeks out of the center module, and have dropped the level by more than 3' in the center module. We are working with the Heart of the Valley to determine next steps for the center cell leachate. Currently most material is being placed in the center module. Once we start using sequence 2, the surface of sequence 1 should remain undisturbed.

West Module Phase 6 Sequence 1 (At this point this module is full)



Center Module Phase 6 Sequence 1 (Surface sump has been rebuilt for improved operation)

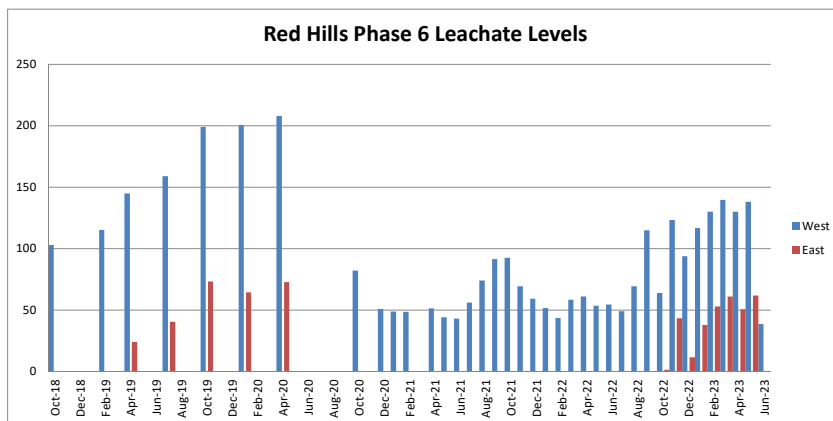




East Module Phase 6 Sequence 1 (This module is nearly full, and surface sump has been rebuilt)



## Leachate Management



Leachate levels climbed last fall and into early winter, but as of May 30<sup>th</sup> they were back down. The west of the landfill was at 38.7" and the east was at 0". In March, almost 3.3 million gallons were pumped to the HOV. This is almost 2 million more gallons than the monthly average of '21 & '22. We have been working with the city to ensure the sewer system is not overwhelmed.

## New Leachate Collection System

Construction is complete. Some final connects for the VFD should be completed this month. This will allow the site to pump higher flows of leachate at night, and reduce when the residential flow is higher. The rain water that has collected in Sequence 2 is being pumped out of Sequence 2 before it is placed into service.

## Contact Information

Thilmany has hired a new Environmental Manager for the facility. Aimee McClure came to Thilmany from Oshkosh Corporation, and has over 25 years of experience in the environmental field. See can be reached by email at [aimee.mcclure@ahlstrom.com](mailto:aimee.mcclure@ahlstrom.com) or by phone at 920-766-8235.



DACW 35-9-23-2007

**DEPARTMENT OF THE ARMY  
RIGHT-OF-ENTRY FOR CONSTRUCTION**

Parcel J Remediation (Project, Installation, or Activity)	Outagamie County Parcel: 320 (Tract Number or Other Property Identification)
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The undersigned, hereinafter called the “Owner,” hereby grants to the UNITED STATES OF AMERICA, hereinafter called the “Government,” a right-of-entry upon the following terms and conditions:

1. The Owner hereby grants to the Government, its agents, and assigns an irrevocable right to enter upon the lands described in Exhibit A, (part of Parcel 320, less than 0.01 Acres), at any time from the 31<sup>st</sup> of May 2023 to the 30<sup>th</sup> of September 2023, to access the USACE fee parcel in Exhibit A.

2. This right-of-entry includes the right of ingress and egress on other lands of the Owner not described below, provided that such ingress and egress is necessary and not otherwise conveniently available to the Government.

3. All tools, equipment, buildings, improvements, and other property taken upon or placed upon the land by the Government shall remain the property of the Government and may be removed by the Government at any time within a reasonable period after the expiration of this right-of-entry.

5. In the event that the Government does not acquire title or other necessary interest in said land prior to the expiration of this permit or right-of-entry, or other renewal thereof, the parties agree that, if any action of the Government’s employees or agents in the exercise of this right-of-entry results in damage to the real property, the Government will, at its option, either repair such damage or make an appropriate settlement with the Owner. In no event shall such repair or settlement exceed the fair market value of the fee interest of the real property at the time immediately preceding such damage. The Government’s liability under this clause may not exceed appropriations available for such payment and nothing contained in this agreement may be considered as implying that Congress will at a later date appropriate funds sufficient to meet deficiencies. The provisions of this clause are without prejudice to any rights the Owner may have to make a claim under applicable laws for any other damages than provided herein. If the Government does acquire such title or other necessary interest, damages would be limited to the decrease in the fair market value of the owner’s remainder caused by such damage.

The land affected by this right-of-entry is located in the County of \_\_\_\_\_ Outagamie \_\_\_\_\_, State of \_\_\_\_\_ Wisconsin \_\_\_\_\_, and is described as follows:  
\_\_\_\_\_ Exhibit A \_\_\_\_\_

DACW 35-9-23-2007

WITNESSES MY HAND AND SEAL this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

UNITED STATES OF AMERICA

By: \_\_\_\_\_  
MICHAEL B. ROHDE  
Chief, Real Estate  
Real Estate Contracting Officer

DACW 35-9-23-2007

**NOTE: THE CERTIFICATE OF AUTHORITY must be executed by an individual other than by the person who signed the agreement. The individual must certify that the official who signed the agreement was authorized to act in that capacity.**

### CERTIFICATE OF AUTHORITY

I, \_\_\_\_\_, do hereby certify that I am the  
(someone other than the person signing the agreement)

\_\_\_\_\_ of the \_\_\_\_\_  
(my position of responsibility within the organization)

\_\_\_\_\_ and that \_\_\_\_\_,

who signed the agreement on behalf of the \_\_\_\_\_

was at the time of signature its \_\_\_\_\_,  
(position held)

and that the person who executed the agreement on behalf of the

\_\_\_\_\_ acted within his/her statutory authority.

**IN WITNESS WHEREOF**, I have made and executed this certification

this \_\_\_\_\_ day of \_\_\_\_\_, 2023.

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Title)



DACW 35-9-23-2007

EXHIBIT A  
PROJECT MAP

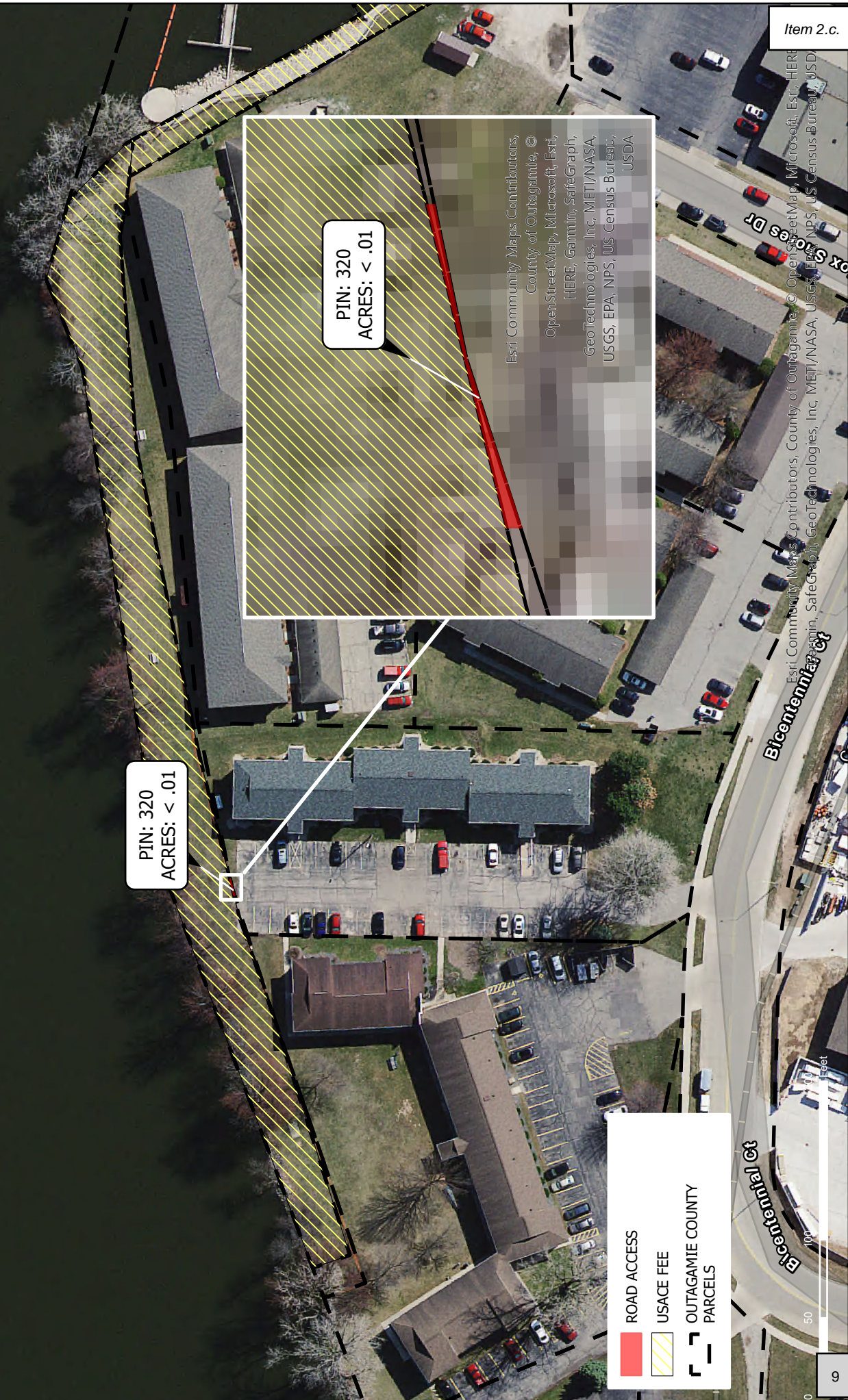


**US Army Corps  
of Engineers®**

PARCEL J REMEDIATION  
DACW35-9-23-2007  
EXHIBIT A  
OUTAGAMIE COUNTY, WI

Center: 88°16'33"W 44°16'52"N

3/9/2023



*Item 2.c.*

CITY OF KAUKAUNA
PROJECT 8-23 ANN STREET UNDERGROUND STORMWATER DETENTION

ALL BID ITEMS				DEGROOT		NORTHEAST ASPHALT		ADVANCE CONSTRUCTION		SOPER SEWER & WATER		VINTON	
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	Common Excavation	1	LS	\$184,615.30	\$184,615.30	\$89,760.00	\$89,760.00	\$166,000.00	\$166,000.00	\$94,307.96	\$94,307.96	\$277,960.00	\$277,960.00
2	Grass Restoration (Including E-Mat)	0.96	AC	\$20,515.63	\$19,695.00	\$10,380.00	\$9,964.80	\$15,000.00	\$14,400.00	\$14,644.00	\$14,058.24	\$13,000.00	\$12,480.00
3	Furnish and Install Underground Pond System	1	LS	\$590,679.85	\$590,679.85	\$673,470.00	\$673,470.00	\$723,230.00	\$723,230.00	\$682,958.00	\$682,958.00	\$599,100.00	\$599,100.00
4	Bedding and Backfill	1	LS	\$120,804.96	\$120,804.96	\$163,870.00	\$163,870.00	\$125,000.00	\$125,000.00	\$304,782.75	\$304,782.75	\$264,300.00	\$264,300.00
5	Pond Riser Top	9	EA	\$2,794.67	\$25,152.03	\$2,200.00	\$19,800.00	\$2,267.00	\$20,403.00	\$3,337.00	\$30,033.00	\$2,647.00	\$23,823.00
6	Pond Catch Basin Top	1	EA	\$2,727.00	\$2,727.00	\$2,200.00	\$2,200.00	\$3,387.00	\$3,387.00	\$3,282.00	\$3,282.00	\$2,967.00	\$2,967.00
7	18 Inch Storm Sewer	222	LF	\$67.99	\$15,093.78	\$67.00	\$14,874.00	\$96.00	\$21,312.00	\$125.00	\$27,750.00	\$98.35	\$21,833.70
8	Storm Sewer Inlet	1	EA	\$3,535.00	\$3,535.00	\$2,400.00	\$2,400.00	\$4,330.00	\$4,330.00	\$4,858.00	\$4,858.00	\$5,050.00	\$5,050.00
9	Storm Sewer Yard Drain	1	EA	\$3,030.00	\$3,030.00	\$2,200.00	\$2,200.00	\$2,550.00	\$2,550.00	\$3,696.00	\$3,696.00	\$4,844.00	\$4,844.00
10	Remove Existing Storm Sewer and Structures	1	LS	\$2,525.00	\$2,525.00	\$6,210.00	\$6,210.00	\$7,500.00	\$7,500.00	\$6,945.75	\$6,945.75	\$7,785.00	\$7,785.00
11	Connect to Existing Storm Sewer in Ann Street	1	LS	\$2,020.00	\$2,020.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$3,564.00	\$3,564.00	\$1,117.00	\$1,117.00
12	10 Inch Water Main Adjustment	20	LF	\$454.50	\$9,090.00	\$250.00	\$5,000.00	\$500.00	\$10,000.00	\$654.00	\$13,080.00	\$595.00	\$11,900.00
13	HMA Asphalt Pavement Patch (Ann Street)	40	SY	\$80.80	\$3,232.00	\$256.00	\$10,240.00	\$65.00	\$2,600.00	\$234.73	\$9,389.20	\$260.00	\$10,400.00
14	30 Inch Concrete Curb and Gutter	12	LF	\$95.95	\$1,151.40	\$95.00	\$1,140.00	\$110.00	\$1,320.00	\$235.00	\$2,820.00	\$75.00	\$900.00
15	4 Inch Concrete Sidewalk Restoration	10	SY	\$101.00	\$1,010.00	\$99.00	\$990.00	\$100.00	\$1,000.00	\$176.04	\$1,760.40	\$108.00	\$1,080.00
16	1 1/4" Crushed Aggregate Base Course	55	TON	\$15.15	\$833.25	\$17.25	\$948.75	\$15.00	\$825.00	\$20.00	\$1,100.00	\$20.00	\$1,100.00
17	Sawcut Pavement	105	LF	\$4.04	\$424.20	\$8.15	\$855.75	\$6.00	\$630.00	\$14.00	\$1,470.00	\$5.00	\$525.00
18	Trackout Control	1	EA	\$2,020.00	\$2,020.00	\$2,500.00	\$2,500.00	\$12,000.00	\$12,000.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00
19	Inlet Protection	5	EA	\$202.00	\$1,010.00	\$165.00	\$825.00	\$100.00	\$500.00	\$94.00	\$470.00	\$80.00	\$400.00
20	Silt Fence	373	LF	\$3.03	\$1,130.19	\$3.80	\$1,417.40	\$1.50	\$559.50	\$4.11	\$1,533.03	\$3.50	\$1,305.50
21	Dewatering	1	LS	\$9,595.00	\$9,595.00	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00	\$4,390.00	\$4,390.00	\$1,000.00	\$1,000.00
22	Tree and Stump Removal	1	LS	\$8,080.00	\$8,080.00	\$5,600.00	\$5,600.00	\$10,000.00	\$10,000.00	\$21,120.00	\$21,120.00	\$9,000.00	\$9,000.00
				UNIT TOTAL	\$1,007,453.96	UNIT TOTAL	\$1,019,765.70	UNIT TOTAL	\$1,139,546.50	UNIT TOTAL	\$1,235,368.33	UNIT TOTAL	\$1,261,870.20

2e. Recommendation for Award of Project 8-23: Ann Street Underground Stormwater Detention

After reviewing the above bids received, the Engineering Department recommends awarding Project 8-23, Ann Street Underground Stormwater Detention, to DeGroot Inc., for the total bid price of \$1,007,453.96.



<b>PROJECT 9-23</b>								
<b>CHIP SEAL / TEMPORARY PAVEMENT INSTALLATION</b>								
<b>BID TABULATION</b>								
<b>CITY OF KAUKAUNA</b>								
<b>ENGINEERING DEPARTMENT</b>								
<b>6/1/2023 JWN/Eng Dept.</b>								
			<b>FAHRNER ASPHALT WAUNAKEE, WI</b>		<b>SCOTT CONSTRUCTION LAKE DELTON, WI</b>		<b>NORTHEAST ASPHALT GREENVILLE WI</b>	
<b>BASE BID DESCRIPTION</b>	<b>QUANTITY</b>	<b>UNITS</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
Furnish and install DOUBLE chip seal coat, 16,500 square yards, more or less, all complete for:	16,500	S.Y.	\$5.05	\$83,325.00	\$5.15	\$84,975.00	-	-
<b>TOTAL BASE BID</b>				<b>\$83,325.00</b>		<b>\$84,975.00</b>		<b>\$0.00</b>
<b>ALTERNATE BID A1 DESCRIPTION</b>	<b>QUANTITY</b>	<b>UNITS</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
Furnish and install SINGLE chip seal coat, 16,500 square yards, more or less, all complete for:	16,500	S.Y.	\$2.99	\$49,335.00	\$4.15	\$68,475.00	-	-
<b>TOTAL ALTERNATE A1 BID</b>				<b>\$49,335.00</b>		<b>\$68,475.00</b>		<b>\$0.00</b>
<b>ALTERNATE BID A2 DESCRIPTION</b>	<b>QUANTITY</b>	<b>UNITS</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
Furnish and install 1" COMPACTED ASPHALT - 9.5MM, 16,500 square yards, more or less, all complete for:	16,500	S.Y.	\$0.00	\$0.00	\$0.00	\$0.00	\$5.75	\$94,875.00
<b>TOTAL ALTERNATE A2 BID</b>				<b>\$0.00</b>		<b>\$0.00</b>		<b>\$94,875.00</b>

**City of Kaukauna**  
**Board of Public Works**  
TDC/engr dept

**June 5<sup>th</sup>, 2023**

**Agenda Item #2g**  
**11-23 Horseshoe Park Storm Sewer Repairs**

**Background**

The Engineering Department has reviewed and analyzed the bid from Visu-Sewer received on May 31<sup>st</sup>, 2023 at 4:00PM for the 11-23 Horseshoe Park Storm Sewer Repairs Project. The Engineering Department received one bid this year and also created an Engineer's estimate prior to bid opening.

**Review**

The Engineering Department has compared the received bid against the engineers estimate. The base bid received was \$27,500 lower than the Engineer's estimate, and with the base bid and alternate item B1 bid, the total bid was within \$20,800.00 of the Engineer's estimate. These numbers, along with the uniqueness of the project indicate that the City is receiving a good price for the work being performed. The Engineer's estimate is compiled utilizing a combination of the work being performed, along with the smaller size of the project resulting in a slight increase of costs per unit. Estimated budged proposed for this project in 2022 was \$200,000. Attached is a comparison file showing the pricing differences between the received bid and the Engineer's estimate.

**Recommended Action**

Award Project 11-23 Horseshoe Park Storm Sewer Repairs to Visu-Sewer, Inc. Pewaukee, WI for Unit A of the Base Bid, an amount of \$80,000.00 and Alternate Bid Unit B1, an amount of \$111,300.00 for a total bid price of \$191,300.

## CITY OF KAUKAUNA

**PROJECT 11-23 HORSESHOE PARK STORM SEWER REPAIRS****HORSESHOE PARK****MAIN BID UNIT A - HORSESHOE PARK FLOW LINE REPAIR & TUCK POINTING**

				ENGINEER ESTIMATE		VISU-SEWER	
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
A1	72" Storm Sewer Corrugated Metal Pipe Flow Line Rehabilitation, 100 Cubic Feet, more or less, all complete for:	100	CF	\$750.00	\$75,000.00	\$650.00	\$65,000.00
A2	Furnish Mobilization/Demobilization of all needed equipment, 1 Lump Sum, all complete for:	1	LS	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00
A3	Furnish and Install all needed materials to tuck-point storm sewer connection to existing structure/collar, 1 Lump Sum, all complete for:	1	LS	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
				<b>TOTAL</b>	<b>\$107,500.00</b>	<b>UNIT TOTAL</b>	<b>\$80,000.00</b>

**ALTERNATE BID UNIT B - HORSESHOE PARK CEMENTITIOUS/CIPP LINING**

				ENGINEER ESTIMATE		VISU-SEWER	
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
B1	72" Storm Sewer Corrugated Metal Pipe Rehabilitation using Permacast PL-8,000 or alternate, 140 Lineal Feet, more or less, all complete for:	140	LF	\$450.00	\$63,000.00	\$795.00	\$111,300.00
B2	72" Storm Sewer Corrugated Metal Pipe Rehabilitation using CIPP, 140 Lineal Feet, more or less, all complete for:	140	LF	\$600.00	\$84,000.00	\$1,610.00	\$225,400.00



**City of Kaukauna**  
**Board of Public Works of June 6<sup>th</sup>, 2023**  
 jb/engr dept

**Agenda Item #2h**  
**2022 Compliance Maintenance Annual Report (CMAR) to DNR**

**Background**

Per Wisconsin DNR: Chapter NR 208, Wis. Adm. Code is more commonly known as the Compliance Maintenance Annual Report (CMAR) rule for publicly and privately owned domestic wastewater treatment works. The CMAR is a self-evaluation tool that promotes the owner's awareness and responsibility for wastewater collection and treatment needs, measures the performance of a wastewater treatment works during a calendar year, and assesses its level of compliance with permit requirements.

This report provides the following information to help:

- Describes the management and physical condition of the wastewater treatment works during the previous calendar year.
- Assesses system performance and wastewater maintenance activities.
- Evaluates compliance with WPDES permit requirements
- Provides an objective analysis to determine whether a more detailed evaluation of the wastewater facility is needed.
- Identifies proposed actions necessary to maintain regulatory compliance.
- A new section looks at energy usage for lift stations within the system

City of Kaukauna has achieved an overall grade of "A" in 2022 reporting, which requires no formal corrective actions. A Resolution acknowledging that the report has been completed and reviewed is required and is on the Common Council agenda tomorrow. Recommended collection system response and an overall comment/action items from the Council acknowledging the need to continue improvements to City sanitary sewer collection system is being requested.

**Recommended Action**

*Resolution is on Tuesday night Common Council Agenda*

1. Receive and place on file the 2022 Compliance Maintenance Annual Report and Recommend Adoption of the **"2022 Compliance Maintenance Annual Report (CMAR) Resolution"** to Common Council (also attached to end of report).

# Compliance Maintenance Annual Report

**Kaukauna Sewage Collection System**

Last Updated: Reporting For:

5/30/2023

**2022**

## Financial Management

<p>1. Provider of Financial Information</p> <p>Name: <span style="border: 1px solid black; padding: 2px 50px;">William Van Rossum</span></p> <p>Telephone: <span style="border: 1px solid black; padding: 2px 20px;">(920) 766-6312</span> <span style="margin-left: 100px;">(XXX) XXX-XXXX</span></p> <p>E-Mail Address (optional): <span style="border: 1px solid black; padding: 2px 50px;">wvanrossum@kaukauna-wi.org</span></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>● Yes (0 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ No (40 points)</p> <p>If No, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p>2.2 When was the User Charge System or other revenue source(s) last reviewed and/or revised?</p> <p>Year: <span style="border: 1px solid black; padding: 2px 20px;">2022</span></p> <p>● 0-2 years ago (0 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ 3 or more years ago (20 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ N/A (private facility)</p> <p>2.3 Did you have a special account (e.g., CWF required segregated Replacement Fund, etc.) or financial resources available for repairing or replacing equipment for your wastewater treatment plant and/or collection system?</p> <p>● Yes (0 points)</p> <p>○ No (40 points)</p>	0												
<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: <span style="border: 1px solid black; padding: 2px 20px;">2022</span></p> <p>● 1-2 years ago (0 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ 3 or more years ago (20 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ N/A</p> <p>If N/A, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p>3.2 Equipment Replacement Fund Activity</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"><b>3.2.1 Ending Balance Reported on Last Year's CMAR</b></td> <td style="width: 5%; text-align: center;">\$</td> <td style="width: 35%; border: 1px solid black; text-align: right; padding: 2px;">6,192,743.00</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 style="text-align: center;">-</td> <td style="border: 1px solid black; text-align: right; padding: 2px;">2,170,202.00</td> </tr> <tr> <td>3.2.3 Adjusted January 1st Beginning Balance</td> <td style="text-align: center;">\$</td> <td style="border: 1px solid black; text-align: right; padding: 2px;">4,022,541.00</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="border: 1px solid black; text-align: right; padding: 2px;">3,702,029.00</td> </tr> </table>	<b>3.2.1 Ending Balance Reported on Last Year's CMAR</b>	\$	6,192,743.00	3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)	-	2,170,202.00	3.2.3 Adjusted January 1st Beginning Balance	\$	4,022,541.00	3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)	+	3,702,029.00	
<b>3.2.1 Ending Balance Reported on Last Year's CMAR</b>	\$	6,192,743.00											
3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)	-	2,170,202.00											
3.2.3 Adjusted January 1st Beginning Balance	\$	4,022,541.00											
3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)	+	3,702,029.00											



# Compliance Maintenance Annual Report

**Kaukauna Sewage Collection System**

Last Updated: Reporting For:

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**2022**

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

- \$ 3,693,697.00

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

\$ 4,030,873.00

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.

2022 Sanitary Sewer Budget, shows 2022 expenses. Detailed ledger is available upon request.

3.3 What amount should be in your Replacement Fund? \$ 1.00

0

Please note: If you had a CWFP 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	Desnoyer Street Area Utility Relay	\$1,250,000	2025
2	Kenneth Ave/3rd Street Area	\$600,000	2024
3	Manhole Lining/Repair Project	\$50,000	2023
4	Reaume Ave Area	\$950,000	2023
5	Presidential Streets Phase 1 of 2	\$700,000	2025
6	Presidential Streets Phase 2 of 2	\$800,000	2026
7	Lift Station Force Main Upgrades	\$200,000	2023
8	River Street Sanitary Sewer and Easement CIPP	\$150,000	2024
9	Thilmany Interceptor	\$90,000	2024
10	CE Lift Station Interceptor to KHS	\$400,000	2023

## 5. Financial Management General Comments

None

## 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: 7

# Compliance Maintenance Annual Report

Kaukauna Sewage Collection System

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	Electricity Consumed (kWh)	Natural Gas Consumed (therms)
January	10,093	
February	10,178	
March	9,632	
April	12,020	
May	11,536	
June	11,548	
July	12,979	
August	12,372	
September	12,543	
October	12,369	
November	12,242	
December	12,376	
<b>Total</b>	<b>139,888</b>	<b>0</b>
<b>Average</b>	<b>11,657</b>	<b>0</b>

## 6.1.2 Comments:

The electric usage was higher than 2021 due to a change of electric meters.  
2021 had 119,227 total and 11,657 average.

## 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:

# Compliance Maintenance Annual Report

**Kaukauna Sewage Collection System**

Last Updated: Reporting For:  
5/30/2023 **2022**

## 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?

During systematic upgrades to lift stations, energy efficiency will be a determining factor for equipment.

<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

Kaukauna Sewage Collection System

Last Updated: Reporting For:

5/30/2023

2022

## 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:

Specific 2022 Numerical Goals and Results are found in Appendix IV of the city CMOM. A summary is attached.

Overall System goals:

1) No sanitary sewer overflows

2) No basement backups due to lack of mainline maintenance

3) No infrastructure failure (street or sewer collapse) due to lack of maintenance

4) Maintain capacity for community and industrial growth within the City and HOVMSD interceptor

5) Review and update City Sewer Use Ordinance and maintain compliance with WIDNR and HOVMSD ordinances

6) Assist HOVMSD in implementation of a FOG control program.

7) Continue to identify and eliminate illegal sump discharges, cross connections, and other illicit connections

8) Design and implement an on going sewer condition evaluation program

9) Maintain an adequate budget to perform necessary maintenance of sewer system

10) Maintain and update records to ensure accurate and efficient data management

Did you accomplish them?

☐ Yes

☒ No

If No, explain:

Experienced 1 basement backup in 2022 - related to system maintenance. We believe the change in maintenance schedule for this area will prevent future backups.

☒ 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?

Municipal Ordinance-Sewer Use Ordinance

If you have a Sewer Use Ordinance or other similar document, when was it last reviewed and revised? (MM/DD/YYYY) 2022-12-06

# Compliance Maintenance Annual Report

**Kaukauna Sewage Collection System**

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**2022**

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
- ☒ 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:

## 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 type="text" value="13.58"/>	% of system/year
Root removal	<input type="text" value="0"/>	% of system/year
Flow monitoring	<input type="text" value="100"/>	% of system/year
Smoke testing	<input type="text" value="0"/>	% of system/year



# Compliance Maintenance Annual Report

## Kaukauna Sewage Collection System

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Sewer line televising	4.91	% of system/year
Manhole inspections	14.96	% of system/year
Lift station O&M	2	# per L.S./year
Manhole rehabilitation	1.0	% of manholes rehabbed
Mainline rehabilitation	1.2	% of sewer lines rehabbed
Private sewer inspections	1.61	% of system/year
Private sewer I/I removal	2.43	% of private services
River or water crossings	100	% of pipe crossings evaluated or maintained

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.

28.66	Total actual amount of precipitation last year in inches
31.08	Annual average precipitation (for your location)
86	Miles of sanitary sewer
7	Number of lift stations
0	Number of lift station failures
0	Number of sewer pipe failures
1	Number of basement backup occurrences
32	Number of complaints
2.78	Average daily flow in MGD (if available)
4.16	Peak monthly flow in MGD (if available)
11.66	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)
0.00	Sanitary sewer overflows (number/sewer mile/yr)
0.01	Basement backups (number/sewer mile)
0.37	Complaints (number/sewer mile)
1.5	Peaking factor ratio (Peak Monthly:Annual Daily Avg)
4.2	Peaking factor ratio (Peak Hourly:Annual Daily Avg)

### 4. Overflows

# Compliance Maintenance Annual Report

**Kaukauna Sewage Collection System**

Last Updated: Reporting For:

5/30/2023

**2022**
**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:

I&I could be detected at metering stations, specifically after rain events and changes in river level.

**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:**

Approximately 5,900 feet of deteriorated clay, concrete, and truss main and approximately 158 service laterals were replaced or rehabilitated as part of the City's rehabilitation projects in 2022. In addition, some temporary manhole improvements were made in the river to reduce inflow.

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

The City has systematically replacing the collection system, including main and laterals to the home. Televising and flow monitoring continue to identify priority areas for rehabilitation. Clearwater inspections are performed on a 10 year cycle in all homes and businesses; and also, at time reconstruction projects in each neighborhood. Mini-Storm and storm sewer lateral installations, along with mandatory sump pump connections have also helped decrease I&I cross connections. Additional work on river manholes is scheduled for 2023.

<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

Kaukauna Sewage Collection System

Last Updated: Reporting For:  
5/30/2023 2022

## 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)

# Compliance Maintenance Annual Report

Kaukauna Sewage Collection System

Last Updated: Reporting For:  
5/31/2023 2022

## Resolution or Owner's Statement

Name of Governing  
Body or Owner:

City of Kaukauna

Date of Resolution or  
Action Taken:

2023-06-06

Resolution Number:

2023-5389

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**



## RESOLUTION NO. 2023-5389

## 2022 COMPLIANCE MAINTENANCE ANNUAL REPORT (CMAR) RESOLUTION

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

WHEREAS, the governing body has reviewed the Compliance Maintenance Annual Report (CMAR);

WHEREAS, it is necessary to provide recommendations or an action response plan for the Collection Systems CMAR section grades of "C" or less and/or an overall grade point average <3.00, or if a Sanitary Sewer Overflow was reported;

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of Kaukauna that the following recommendations or actions will be taken to address or correct problems/deficiencies of the wastewater treatment or collection system as identified in the Compliance Maintenance Annual Report (CMAR):

- 1) Continue systematic inspection, rehabilitation, and replacement of sanitary sewer collection system to maintain zero sanitary sewer overflows and assure capacity of the system for future growth.

Introduced and adopted this 6<sup>th</sup> day of June 2023.

APPROVED: \_\_\_\_\_  
Anthony J. Penterman, Mayor

ATTEST: \_\_\_\_\_  
Sally A. Kenney, Clerk