



MEMO

Engineering Department

To: Board of Public Works
From: John Neumeier
Date: October 20, 2025
Re: **2024 Annual Clearwater Sustainability Program Report to Heart of the Valley Metropolitan Sewerage District (HOVMSD)**

Background information:

Member communities of the HOVMSD (Kaukauna, Kimberly, Little Chute, Combined Locks, and the Darboy Sanitary District) are required to file an annual Clearwater Sustainability Program report to the HOVMSD.

The City of Kaukauna's annual report is attached.

The intent of the annual report is to update the HOVMSD on the community's efforts toward maintaining a sustainable level of inflow and infiltration.

The governing body of each HOVMSD member community must review each year's annual report. A resolution stating that the governing body has reviewed and accepted the annual report is on the Common Council agenda tomorrow night.

Strategic Plan:

This report assists the City with evaluating the Annual Maintenance and Performance Goals for the sanitary sewer system and determining which items need more attention.

Budget:

The budget contains a Sanitary Sewer Utility section for the operation, maintenance, rehabilitation and replacement of the City's sanitary sewer system.

Staff Recommended Action:

Accept and place on file the City of Kaukauna 2024 Annual Clearwater Sustainability Program Report to HOVMSD, recommend approval of the 2024 resolution to Legislative Committee and Common Council

Clearwater Sustainability Program

2024 Annual Report to HOVMSD

October 20, 2025



Submitted By:
Jeffrey Bodoh
City of Kaukauna Engineering

Clearwater Sustainability Program 2024 Annual Report

CONTENTS

- 1) CMAR
- 2) WDNR Response
- 3) Construction and Non-Construction I&I Reduction Projects
- 4) Local Ordinance Changes
- 5) CMOM Updates and Changes

Section 1: 2024 CMAR

The City of Kaukauna submits a Compliance Maintenance Annual Report to Wisconsin DNR. 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.

City of Kaukauna has achieved an overall grade of "A" in 2024, which requires no formal corrective actions. A Resolution acknowledging that the report is complete and reviewed is required and was adopted by the Common Council. 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 was approved. A copy of the 2024 CMAR is attached to this section.

Compliance Maintenance Annual Report

Kaukauna Sewage Collection System

Last Updated: Reporting For:
6/10/2025 **2024**

Financial Management

1. Provider of Financial Information

Name:

William Van Rossum

Telephone:

9207666312

(XXX) XXX-XXXX

E-Mail Address
(optional):

wvanrossum@kaukauna-wi.org

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) ☐

○ No (40 points)

If No, please explain:

2.2 When was the User Charge System or other revenue source(s) last reviewed and/or revised?
Year:

2023

● 0-2 years ago (0 points) ☐

○ 3 or more years ago (20 points) ☐

○ 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)

0

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:

2023

● 1-2 years ago (0 points) ☐

○ 3 or more years ago (20 points) ☐

○ N/A

If N/A, please explain:

3.2 Equipment Replacement Fund Activity

3.2.1 Ending Balance Reported on Last Year's CMAR

\$ 7,876,405.00

3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)

\$ 1,122,687.00

3.2.3 Adjusted January 1st Beginning Balance

\$ 6,753,718.00

3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)

+ \$ 4,829,922.00

Compliance Maintenance Annual Report

Kaukauna Sewage Collection System

Last Updated: Reporting For:
6/10/2025 **2024**

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

\$ 4,143,770.00

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

\$ 7,439,870.00

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.

2024 Sanitary Sewer Budget, shows 2024 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 CWWP 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	Sanitary CIPP-River Street and easement	\$200,000	2025
3	Sanitary Relay- Linda Ct and Theilen Av	\$600,000	2025
4	Sanitary Relay -Diedrich St, Jefferson St, Margaret St, Maria St, and Idlewild	\$750,000	2026
5	Industrial Park sanitary sewer relay	\$1,600,000	2026
6	Sanitary Relay - Sullivan Avenue Area Phase 1	\$925,000	2027
7	Sanitary Relay - Lincoln Street Area	\$1,200,000	2028
8	Sanitary Relay - Sullivan Avenue Area Phase 2	\$1,200,000	2029

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: 7

Compliance Maintenance Annual Report

Kaukauna Sewage Collection System

Last Updated: Reporting For:
6/10/2025 2024

	Electricity Consumed (kWh)	Natural Gas Consumed (therms)
January	12,636	
February	13,294	
March	11,887	
April	13,553	
May	11,836	
June	13,258	
July	15,372	
August	14,353	
September	13,032	
October	10,497	
November	12,218	
December	10,816	
Total	152,752	0
Average	12,729	0

6.1.2 Comments:

The City's annual sanitary sewer flows and the annual electric usage both went up roughly 7%

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:

N/A

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:
6/10/2025 2024

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.	

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

Compliance Maintenance Annual Report

Kaukauna Sewage Collection System

Last Updated: Reporting For:
6/10/2025 2024

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 2024 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 growthwithin 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 2024v- related to system Maintenance.

- ☒ 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) 2023-07-05

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

Compliance Maintenance Annual Report

Kaukauna Sewage Collection System

Last Updated: Reporting For:
6/10/2025 2024

☒ 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:	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. <table><tr><td>Cleaning</td><td> 23.3 </td><td>% of system/year</td></tr><tr><td>Root removal</td><td> .2 </td><td>% of system/year</td></tr><tr><td>Flow monitoring</td><td> 100 </td><td>% of system/year</td></tr><tr><td>Smoke testing</td><td> 0 </td><td>% of system/year</td></tr><tr><td>Sewer line televising</td><td></td><td></td></tr></table>	Cleaning	23.3	% of system/year	Root removal	.2	% of system/year	Flow monitoring	100	% of system/year	Smoke testing	0	% of system/year	Sewer line televising			
Cleaning	23.3	% of system/year														
Root removal	.2	% of system/year														
Flow monitoring	100	% of system/year														
Smoke testing	0	% of system/year														
Sewer line televising																

Compliance Maintenance Annual Report

Kaukauna Sewage Collection System

Last Updated: Reporting For:
6/10/2025 **2024**

Manhole inspections	4.2	% of system/year
Lift station O&M	20	% of system/year
Manhole rehabilitation	5	# per L.S./year
Mainline rehabilitation	1.7	% of manholes rehabbed
Private sewer inspections	1.7	% of sewer lines rehabbed
Private sewer I/I removal	2.5	% of system/year
River or water crossings	1.7	% of private services
	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.

29.27	Total actual amount of precipitation last year in inches
31.08	Annual average precipitation (for your location)
87.1	Miles of sanitary sewer
7	Number of lift stations
0	Number of lift station failures
0	Number of sewer pipe failures
2	Number of basement backup occurrences
20	Number of complaints
2.41	Average daily flow in MGD (if available)
3.26	Peak monthly flow in MGD (if available)
11.56	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)
0.02	Basement backups (number/sewer mile)
0.23	Complaints (number/sewer mile)
1.4	Peaking factor ratio (Peak Monthly:Annual Daily Avg)
4.8	Peaking factor ratio (Peak Hourly:Annual Daily Avg)

4. Overflows

Compliance Maintenance Annual Report

Kaukauna Sewage Collection System

Last Updated: Reporting For:
6/10/2025 2024

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 the 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: High water alarms, lift station pumps plugged with rags and other debris. The Augustine Street and CTH"CE" lift station pumps could not keep up with some of the high flows. 5.3 Explain any infiltration/inflow (I/I) changes this year from previous years: Approximately 7,815 feet of deteriorated clay, concrete, and truss main and approximately 99 service laterals were replaced or rehabilitated as part of the City's rehabilitation projects in 2024. 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 continues to replace and rehabilitate the sanitary sewer and manholes throughout the City. The City has an annual sanitary sewer replacement program in place				

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

Compliance Maintenance Annual Report

Kaukauna Sewage Collection System

Last Updated: Reporting For:
6/10/2025 **2024**

Grading Summary

WPDES No: 0047341

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

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

Compliance Maintenance Annual Report

Kaukauna Sewage Collection System

Last Updated: Reporting For:
6/30/2025 2024

DNR Response to Resolution or Owner's Statement

Name of Governing Body or Owner:	City of Kaukauna
Date of Resolution or Action Taken:	2025-06-17
Resolution Number:	2025-5473
Date of Submittal:	6/30/2025

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

Permittee Response:

DNR Response:

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

Permittee Response:

DNR Response:

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

Permittee Response:

DNR G.P.A. Response:

DNR CMAR Overall Response:

Thank you for submitting the 2024 CMAR on time. The Department is appreciative of your commitment to implement your CMOM. The department commends you for completing 23.3 % sewer line cleaning; 100 % river or water crossing; and 20 % manhole inspections.

DNR Reviewer:Oumarou, Barti

Address: 625 E County Road Y Ste 700, Oshkosh, WI 54901-9731

Phone:(920) 424-4013

Date: 8/25/2025

RESOLUTION NO. 2025-5473

2024 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);

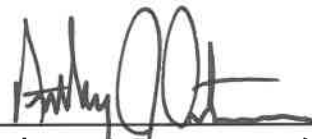
WHEREAS, it is necessary to provide recommendations or an action response plan for the Collection Systems CMAR section grades of "C" or less and/or an overall grade point average <3.00, or if a Sanitary Sewer Overflow was reported;

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 18th day of June 2025.

APPROVED: _____


Anthony J. Fenterman, Mayor

ATTEST: _____


Kayla Nessmann, Clerk

Section 3: Construction and Non-Construction I&I Reduction Projects

2024 Construction Projects

Project 1-24 Concrete Street Paving

This project incorporated the installation of 33 internal manhole chimney seals in reconstructed streets including Eighth Street, Ninth Street, Tenth Street, Quinney Avenue, Metoxen Avenue, and Spring Street.

There were also 74 storm sewer laterals installed as part of the paving project.

Project 2-24 Tobacnoir Street Area Utility Relay-Phase 1

This project included a sanitary sewer main and lateral relay on Brothers Street, Division Street, Tobacnoir Street, Kaukauna Street, Blackwell Street, Desnoyer Street, and Oviatt Street as well as replacement of sewer in adjacent easements. Approximately 5 linear feet of 24" sanitary sewer, 204 lineal feet of 15" sanitary sewer, 562 lineal feet of 12" sanitary sewer, 905 linear feet of 10" sanitary sewer and 3,468 lineal feet of 8" sanitary sewer, 3,470 lineal feet of private lateral pipe (126 homes) and 208 vertical feet of sanitary manholes replaced the existing deteriorated clay pipe sanitary sewer system. A map of the project area is attached to this section.

Project 5-24 Kenneth Avenue Area Utility Relay

This project included a sanitary sewer main and lateral relay on Third Street, Kenneth Avenue, and Arthur Street as well as replacement of sewers in adjacent easements. Approximately 2,773 lineal feet of 8" sanitary sewer, 1,830 lineal feet of private lateral pipe (53 homes) and 115 vertical feet of sanitary manholes replaced the existing deteriorated clay and concrete pipe sanitary sewer system. A map of the project area is attached to this section.

2024 Non-Construction Projects

On-going Clearwater (Illicit Cross Connection) Inspections

In addition to inspection of private laterals by City staff in reconstruction project limits, the City contracts with Kaukauna Utilities (KU) to perform Clearwater inspections while they are in a property for Cross Connection Control and Backflow Prevention inspections.

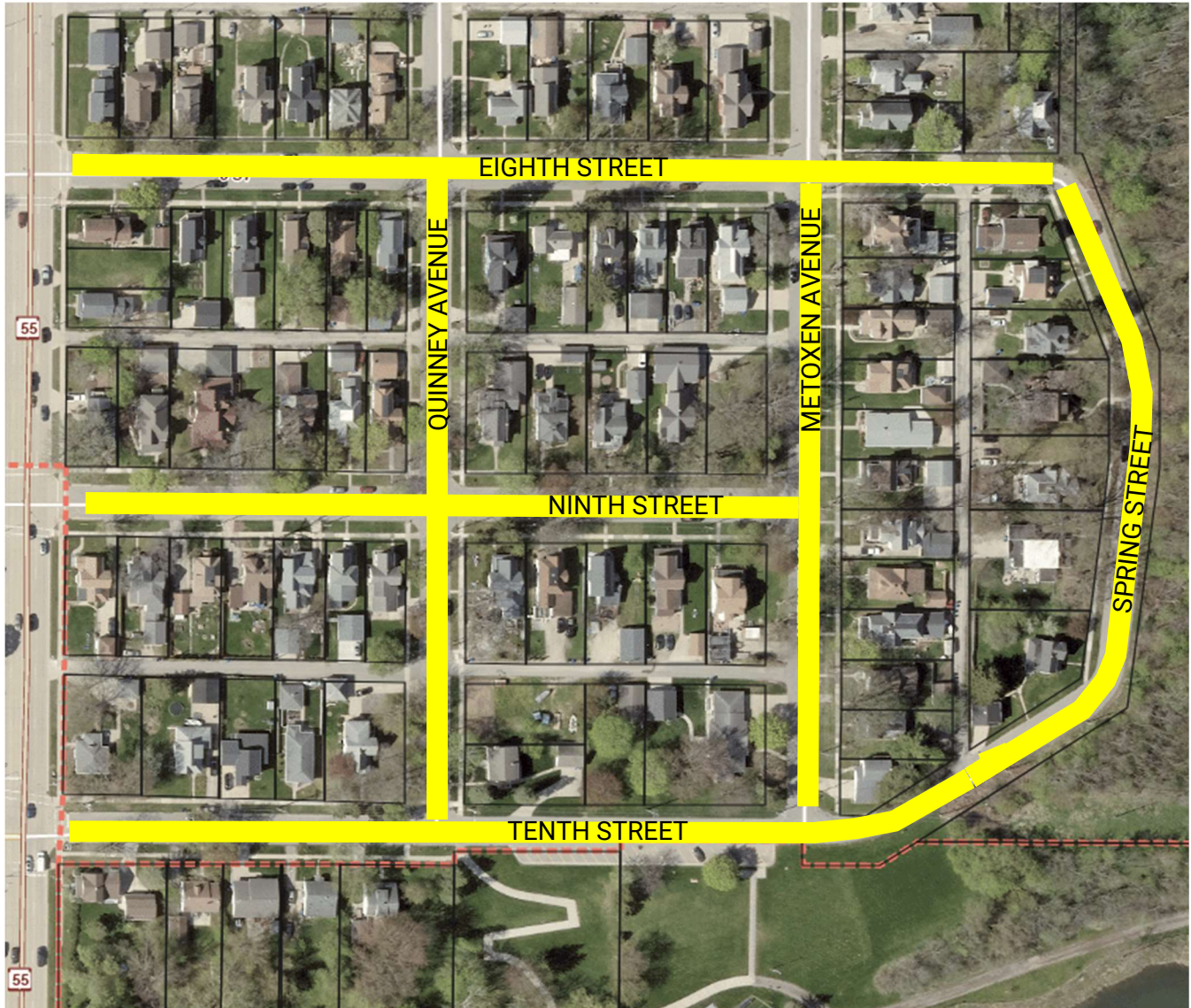
In 2024, the City inspected 252 homes and businesses for illicit connections; we found no violations. Violations can include a variety of issues including non-compliant private sewer lateral and sump to floor drain connections.

Sewer Cleaning and Inspections

The one of major areas of sewer main cleaning in 2024 was west of Kenneth Avenue to DeBruin Road between Third Street and Eleventh Street, and from Twelfth Street to CTH "CE" between Thelen Avenue and Oakridge Avenue. CCTV inspections include annual and new construction televising contract in various areas (see CCTV map), post televising for the sewer rehab areas and some miscellaneous lines that were suspected of having issues. 19,200 lineal feet of sewer main and 177 laterals were televised in 2024. See maps at the end of this section.

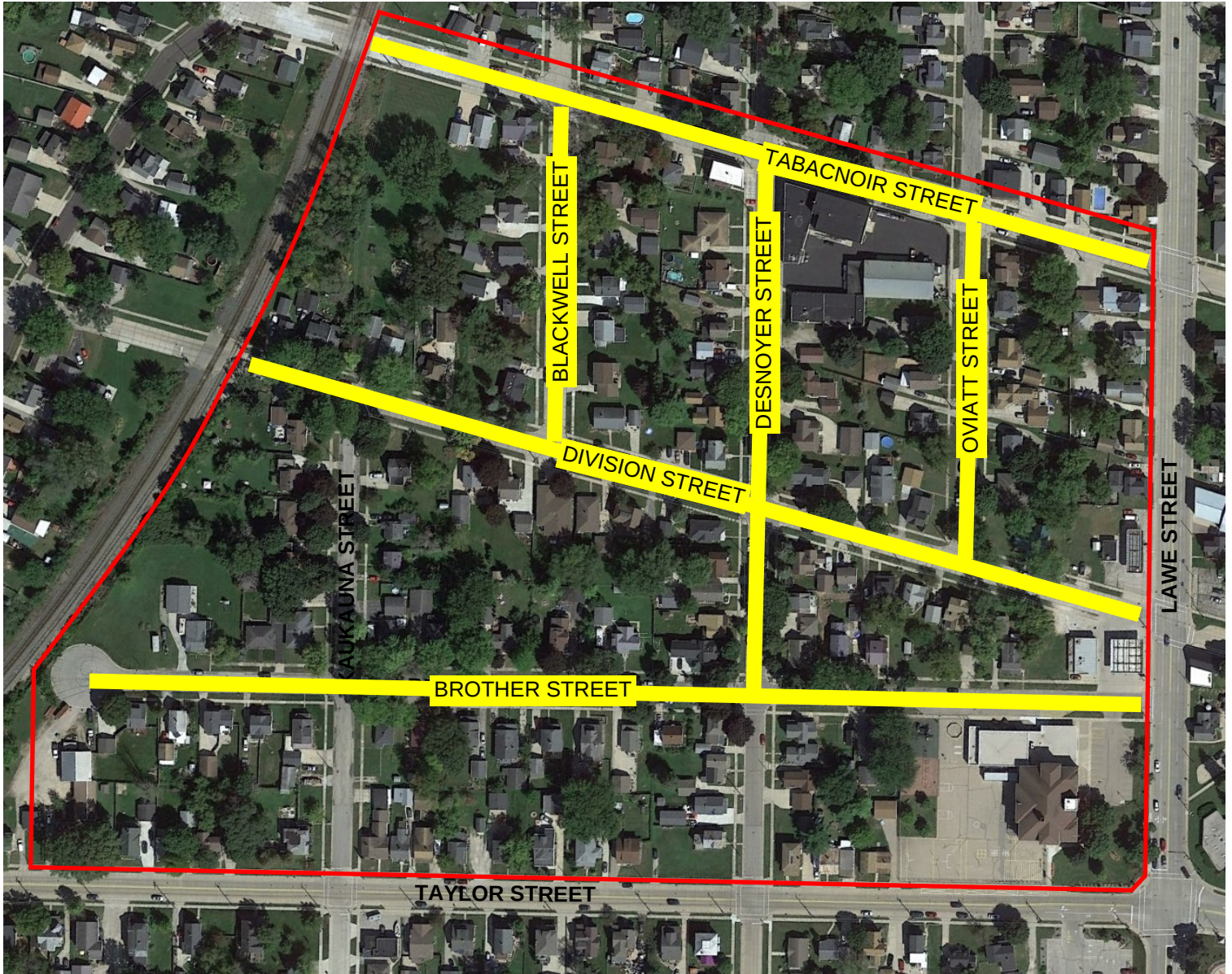
2024 CONCRETE STREET PAVING

Eighth Street, Ninth Street, Tenth Street, Quinney Avenue, Metoxen Avenue and Spring Street



2024 TOBACNOIR STREET UTILITY RELAY

Tabacnoir Street, Blackwell Street, Desnoyer
Street, Oviatt Street, Division Street and
Brother Street



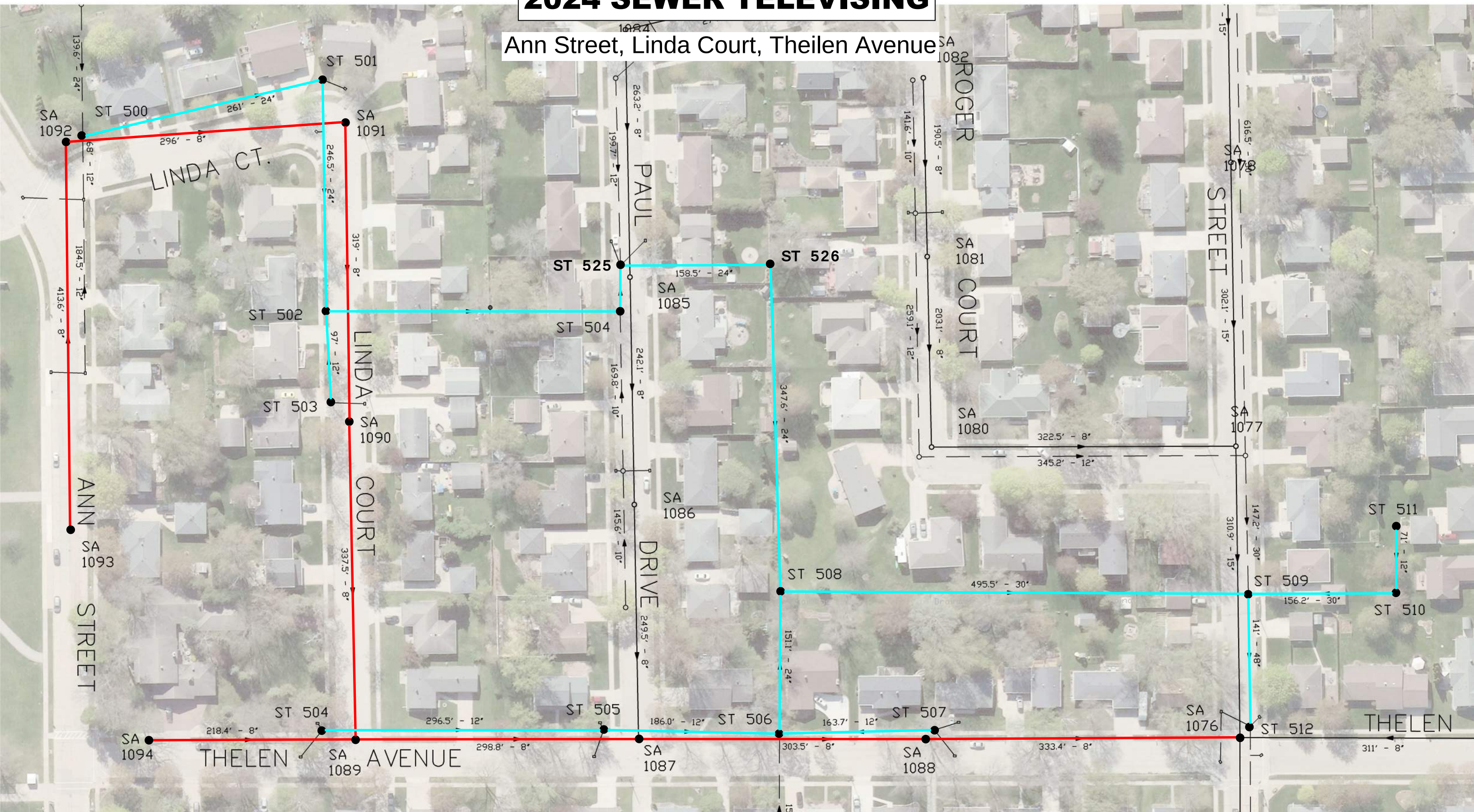
2024 SEWER TELEVISIONING

Claribel Street, Grandview Lane and Plank Road



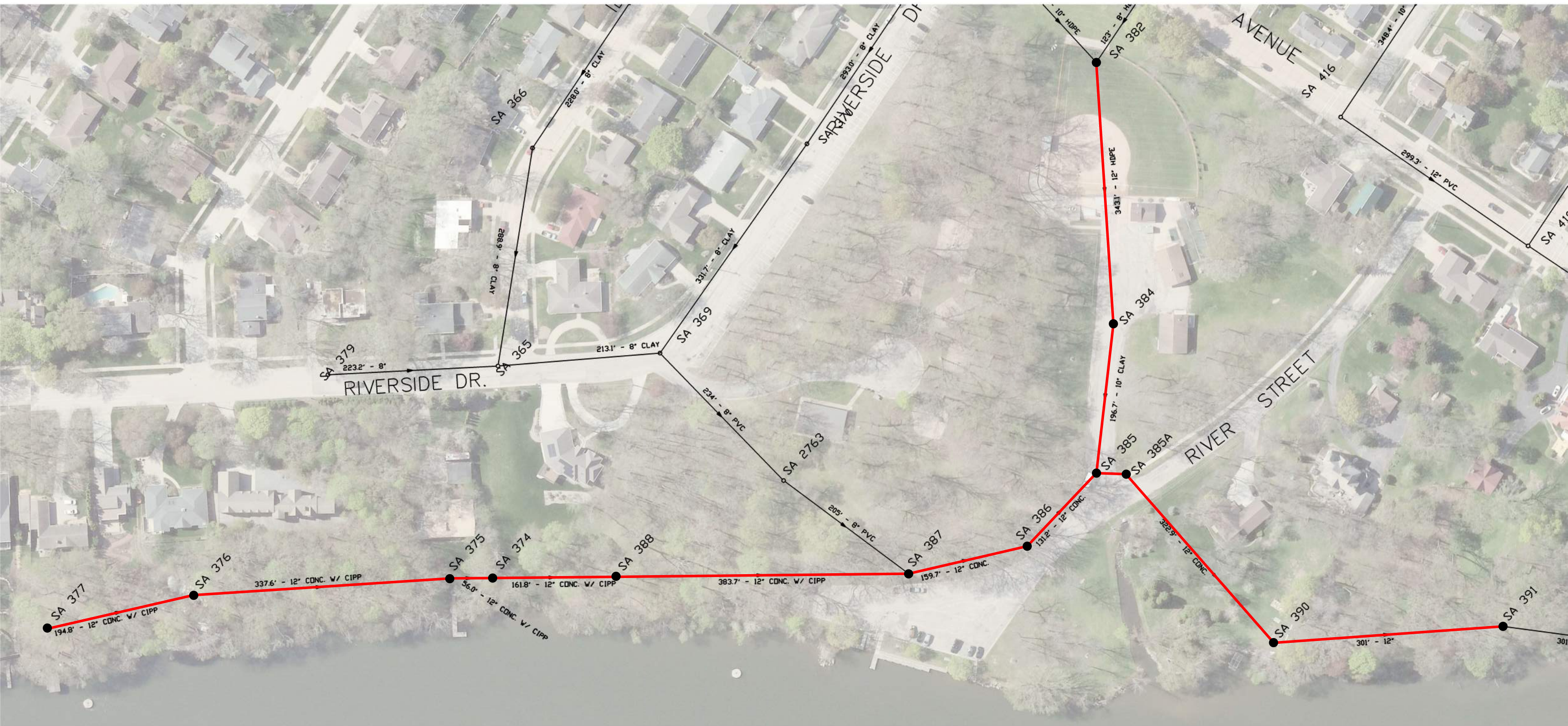
2024 SEWER TELEVISIONING

Ann Street, Linda Court, Theilen Avenue



2024 SEWER TELEVISIONING

Riverside Park



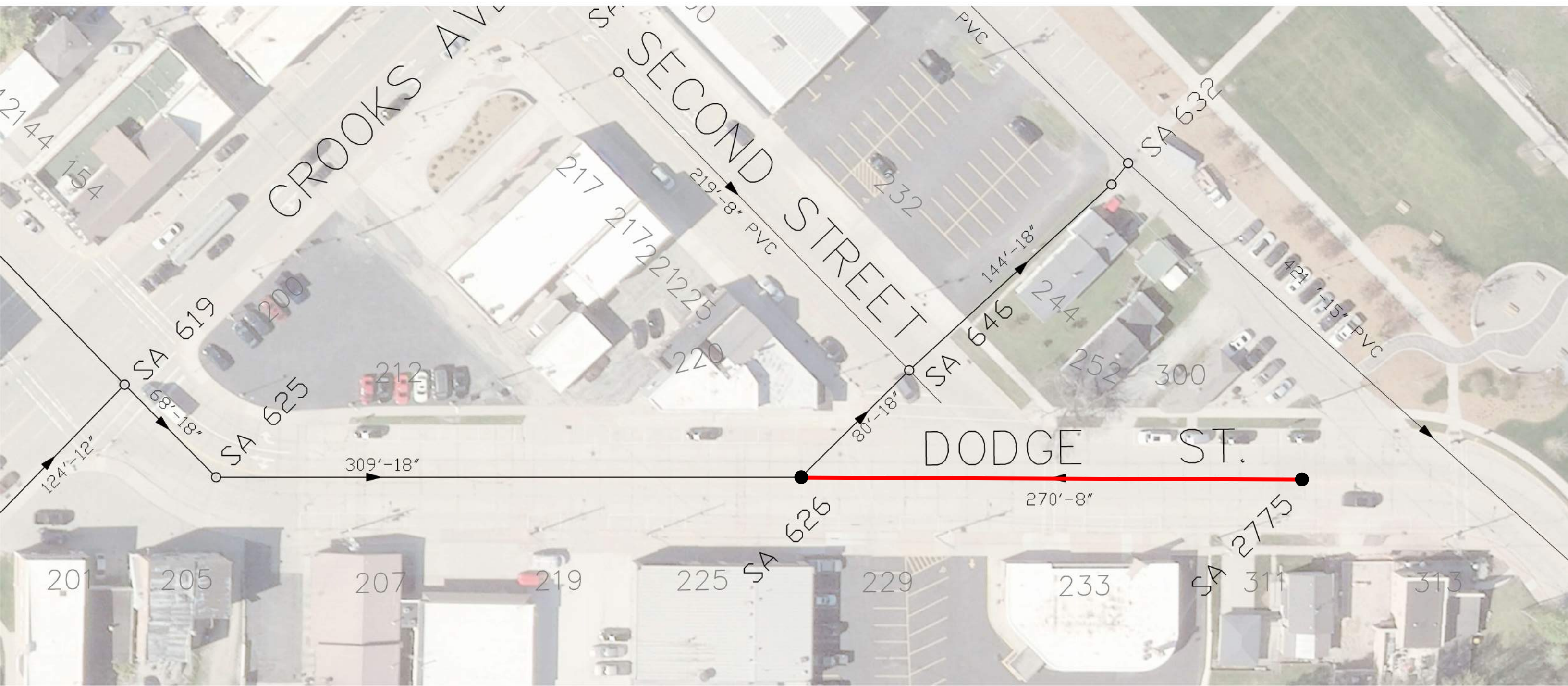
2024 SEWER TELEVISION

Wilson Street



2024 SEWER TELEVISION

Dodge Street



2024 SEWER TELEVISING

Main Avenue

HENRY STREET

W. 17TH STREET

MAIN AVENUE

306.2' - 8"

268.1' - 12"

302.5' - 8"

185.5' - 8"

326.9' - 12"

1140

1141

985

1800

101

121

1717

1715

1709

1701

1617

101-103

100

1716

1712

1708

1704

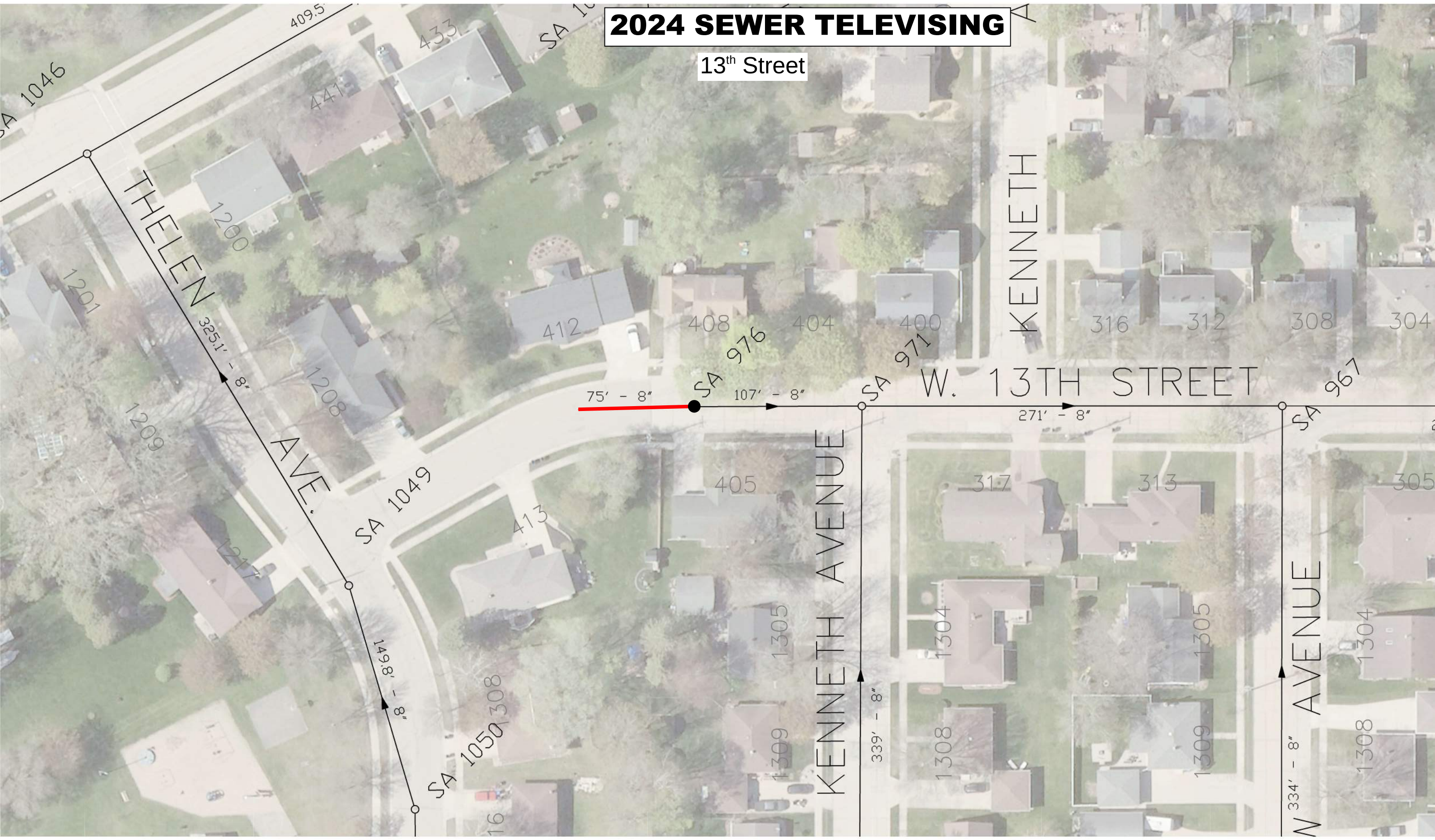
101

1616

114

2024 SEWER TELEVISION

13th Street



2024 SEWER TELEVISION

Draper Street

301.1' - 12" PVC

299' - 12" PVC

331.2' - 8" CLAY

468.1' - 10" CLAY

SACHS STREET

WARGARET STREET

DRAPER STREET

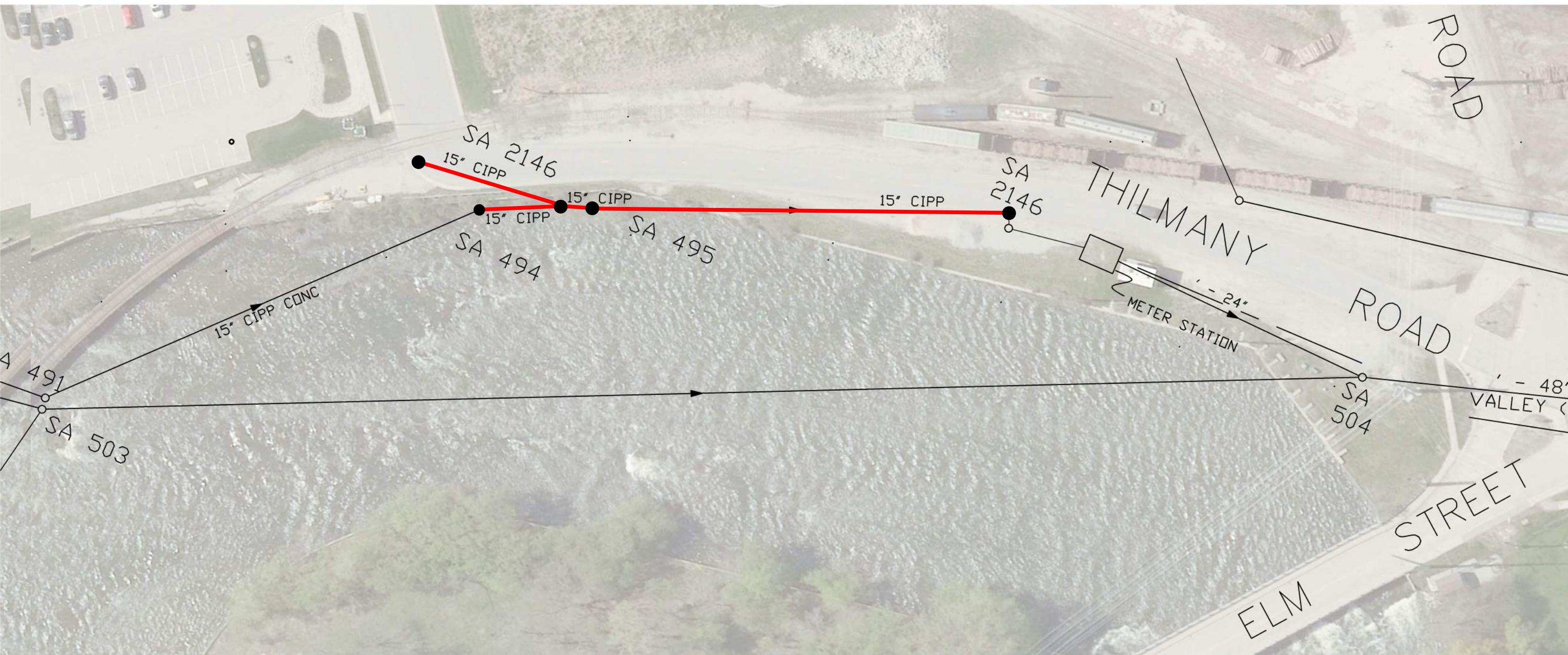
2024 SEWER TELEVISION

Augustine Street



2024 SEWER TELEVISION

Thilmany Road



Section 4: Local Ordinance Changes

Ordinance number 1884, amending Section 13.05(5)(A) and Section 13.05(5)(B) of the Kaukauna Municipal Code changed the user charge from \$8.00 per 100 cubic feet to \$8.75 per 100 cubic feet.

Section 5: CMOM Updates and Changes

The CMOM Plan is a working document that will require updates based upon annual reviews and performance of the system. The annual audit of the CMOM plan will be an important part of maintaining a high level of sewer service and sewer capacity. Reviews will occur in December of each calendar year.

There were no major updates/changes to the CMOM program in 2024. The City did update the appendix for annual maintenance goals and performance measures for 2024. An updated table is attached to the end of this section.

ANNUAL MAINTENANCE GOALS AND PERFORMANCE MEASURES							
2024							
Sewer Mainline O&M							
MAINTENANCE ITEM	GOAL	% of System	2021	2022	2023	2024	Comments
Sewer Mainline Televised	1 mile per year- 5% of system per year	5.0%	25,239 ft (5.6%)	17,250 ft(3.8%)	31,753 ft (6.9%)	19,200 ft (4.2%)	Project Areas, Subd., CCTV
Main Line Rehabilitation and Replacement	1 mile per year	1.2%	6,468 ft (1.4%)	5,910 ft (1.2%)	4,920 ft (1.1%)	5,080ft (1.1%)	Utility Relays onThird, Kenneth, Arthur, Brothers, Division, Tobacnoir, Kaukauna, Blackwell, Desnoyer and Oviatt
Clean Main Line Sewers	10 miles per year	12%	82,075 ft (18%)	61,682 ft (12.5%)	81,092 ft (17.9%)	107,291ft (23.5%)	Approx. 25% of Branch lines per year
Root Cutting	TBD - Per Cleaning/Televising	TBD	0%	0%	0.2%	0.2%	
Flow Monitoring	TBD – Project Areas	TBD	0%	0%	0%	0%	100% metered at meter stations and lift stations -Discuss future metering options for project areas
Dye Test /Smoke Test	TBD - Visual Inspections will dictate	TBD	0 ft	0 ft	0 ft	0ft	
Manholes O&M							
MAINTENANCE ITEM	GOAL	% of System	2021	2022	2023	2024	Comments
Visual Inspection of Critical and Easement MHs	Inspect 100% at least once annually	100%	100%	100%	100%	100%	
Visual Inspection of standard MHs	Inspect every 4 years	25%	465 (25%)	300 (15%)	500 (25%)	400 (20%)	Sewer Crew + CCTV + Project Areas
Manhole Rehabilitation/Replacement	Repair or replace 2% per year	2%	41 (2.1%)	16 (1%)	34 (1.7%)	33 (1.7%)	Paving and Lining
Lift Station O&M							
MAINTENANCE ITEM	GOAL	# Per Year	2021	2022	2023	2024	Comments
Lift Station Inspections	2 inspections per week of each station	104 per lift station	104	104	104	104	
Lift Station O&M Check	1 maintenance check per week	52 per lift station	52	52	52	52	
Clean and Degrease Lift Stations	2 times per year each	2 per lift station	2	2	2	2	
Easement O&M							
MAINTENANCE ITEM	GOAL	% of System	2021	2022	2023	2024	Comments
Visual Inspection of Easements	Inspect twice per year	100%	100%	100%	100%	100%	
Easement Maintenance	Maintain access to each mh and mark for visibility	As needed	NA	NA	NA	NA	
Private Lateral O&M							
MAINTENANCE ITEM	GOAL	#	2021	2022	2023	2024	Comments
Visual Inspection of Laterals	Inspect 100% of Laterals in Rehab Area	Varies	100% (109)	100%(158)	100% (110)	100% (177)	
Replace Private Laterals	Replace 95% of residential laterals - rehab project	Varies	85% (64 of 75)	88%(139 of 158)	87%(96 of 110)	71% (127 of 177)	
Inspect Private Properties for Illicit Connections	Inspect all properties within a 10 year cycle	10%	2%	3%	5%	4.3%	Mostly performed by Kaukauna Utilities - performed 252.

RESOLUTION NO. ____

**RESOLUTION ACCEPTING THE CITY OF KAUKAUNA
2024 ANNUAL CLEARWATER SUSTAINABILITY PROGRAM REPORT TO THE
HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT (HOVMSD)**

WHEREAS, it is a requirement of the HOVMSD that member communities file an annual report as part of its Clearwater Sustainability Program; and

WHEREAS, the governing body of the City of Kaukauna has reviewed the annual report to the HOVMSD; and

WHEREAS, the annual report contains the following components as required by the HOVMSD:

1. Compliance Maintenance Annual Report (CMAR) as submitted to the Wisconsin Department of Natural Resources (WDNR)
2. WDNR response to CMAR
3. Summary of construction and non-construction inflow/infiltration reduction projects
4. Local ordinance changes related to inflow/infiltration
5. Capacity, Management, Operation, and Maintenance (CMOM) updates or changes

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of Kaukauna that the report prepared by the City of Kaukauna Engineering Department has been accepted and shall be forwarded to the HOVMSD as per HOVMSD requirements.

Introduced and adopted this 21st day of October, 2025.

APPROVED: _____
Anthony J. Penterman, Mayor

ATTEST: _____
Kayla Nessmann, Clerk