



PUBLIC WORKS COMMISSION MEETING - AMENDED AGENDA

TUESDAY, JUNE 11, 2024 AT 5:30 PM

**COUNCIL CHAMBERS, SECOND FLOOR, MUNICIPAL BUILDING - 106 JONES STREET,
WATERTOWN, WI 53094**

Virtual Meeting Info: Meeting ID: 225 151 7335 Passcode: 589577, One tap mobile+16469313860

<https://us06web.zoom.us/j/2251517335?pwd=CGWSR4CfRC7UbsSGaZGakmJc6b3BUo.1&omn=82430970406>

All public participants' phones will be muted during the meeting except during the public comment period.

1. CALL TO ORDER

2. COMMENTS AND SUGGESTIONS FROM CITIZENS PRESENT

Each individual who would like to address the Committee will be permitted up to three minutes for their comments

3. REVIEW AND APPROVE MINUTES

A. Public Works Minutes from April 9, 2024

B. Public Works minutes from May 14, 2024

4. BUSINESS

A. Review and take possible action: Explore Options to Service Area 4 of the Town of Emmet Cooperative Boundary Agreement with Public Water and Sanitary Sewer Services

B. Review and take action: 2024 Compliance Maintenance Annual Report (CMAR) – Wastewater Utility permit to discharge summary

C. Review and take action: Award Fire Station bid package for overhead doors

5. ADJOURNMENT

Persons requiring other reasonable accommodations for any of the above meetings, may contact the office of the City Clerk at mdunneisen@CityofWatertown.org, phone 920-262-4006

A quorum of any City of Watertown Council, Committee, Board, Commission, or other body, may be present at this meeting for observing and gathering of information only

PUBLIC WORKS COMMISSION MEETING AGENDA
TUESDAY, APRIL 09, 2024

Section 3, Item A.

Commission members present: Alders Bartz, Board, Smith, Wetzel
City Employees present: Public Works Director Andrew Beyer

1. CALL TO ORDER

Meeting called to order by Chair Wezel at 5:30 p.m.

2. COMMENTS AND SUGGESTIONS FROM CITIZENS PRESENT

3. REVIEW AND APPROVE MINUTES

A. Public Works minutes from March 12, 2024

Motion to approve Ald Board

2nd Ald Bartz

Motion carried by unanimous voice vote

B. Combined Finance/Public Works minutes from March 28, 2024

Motion to approve Ald Bartz

2nd Comm'r Thompson

Motion carried by unanimous voice vote

4. BUSINESS

A. Review and take possible action: Award CIPP Lining Project #7-24 Base Bids A & B, and Alternate Bid 1 to Visu-Sewer, LLC for \$420,520.25

The Engineering Division publicly opened bids for the 2024 CIPP Lining contract on March 13, 2024. Two bids were received. The Wastewater Utility is recommending awarding the following Base Bids and Alternate Bid to Visu-Sewer, LLC:

Base Bid A: Sanitary CIPP: \$333,085.50

Base Bid B: Interior Rehabilitation of Sanitary Sewer Manholes: \$22,080.00

Alternate Bid 1: Sanitary CIPP: \$65,354.75

Total cost to perform the proposed work is \$420,520.25 from funding account #02-97-30-11, Wastewater Sewer Rehabilitation Account. Work being awarded is within approved 2024 budgets.

Motion to approve Ald Board

2nd Ald Smith

Motion carried by unanimous voice vote

A second motion was put forth by Ald Smith to endorse the ongoing efforts of the finance committee in directing the finance director to conduct additional study of other communities as to their purchasing policies.

2nd Ald Board

Motion carried by unanimous voice vote.

B. Update; no action needed: Two (2) Public Works Department Grant Applications

Engineering Division staff have identified the following two (2) projects for potential grant funding:

1. WDNR Targeted Runoff Management Grant: Fannie Lewis Park Shoreline Stabilization. Installation of riprap (rock) along approximately 750 feet of Rock River shoreline would minimize further erosion. Landscaping with native plants that coordinate with the desired look of Fannie Lewis Park are proposed to be planted in designated areas uphill of the riprap. The native plant root systems reinforce the soil structure behind the riprap, further protecting the shoreline from erosion and extending the life of the riprap shoreline. A combination of rock and plantings is often required by WDNR permits for similar shoreline projects. This project is part of a coordinated approach between Parks and Forestry Department and the Engineering Division to make necessary improvements to Fannie Lewis Park in one season, to avoid impacting park users over multiple years. This is a competitive, reimbursable grant. TRM Grant awards are typically announced in fall.

2. WisDOT Surface Transportation Program Local: Boomer Street/South Road. Boomer Street and South Road between S. Twelfth Street and the southern City limits is a truck route in need of resurfacing and roadside swale (drainage) improvements. Projects that are funded under the STP-Local grant require design to be completed by August 1, 2025, with construction starting in 2026. This is a competitive grant. Grant award announcements are anticipated this fall.

5. ADJOURNMENT

Motion to adjourn Ald Smith

Seconded by Ald Bartz

Motion carried by unanimous voice vote

Meeting adjourned at 5:59 p.m.

Respectfully submitted,
Bob Wetzel, Public Works Chair

Note: These minutes are uncorrected, and any corrections made thereto will be noted in the proceedings at which these minutes are approved.

Public Works Commission Meeting Tuesday, May 14, 2024

Members Present: Ald. Board, Bartz, Wetzel, and Commissioner Thompson. City Employees present: Public Works Director Andrew Beyer, Water Systems Manager Pete Hartz, Streets Director Stacy Winkelman, and Engineering Project Manager Richie Piltz. Others present Justin Buskemper, Zack Goodrow, and two unidentified callers.

1. Call to Order: Chairman Board opened the meeting at 5:30 p.m. Quorum was present.

2. Comments and Suggestions from Citizens Present: None

3. Review and Approve Minutes from April 29, 2024. Motion to approve by Ald. Bartz, seconded by Ald. Wetzel. Motion carried unanimously.

4. Business

It was requested, and the commissioners concurred, to move item G to the first item of business.

G. Review: Update on 2024 Private Lead Service Line Replacement project professional services by Strand & Associates.

Pete Hartz and Justin Bilskemper reviewed status to date of work on the service line replacement. All work to date funded by others. No action required.

A. Review & Take Action: Purchase of Single Axle Truck Chassis, Body and Plow Equipment for DPW – Street/Solid Waste Division. Page 8

Motion by Thompson, supported by Wetzel to approve the purchase a single axel truck chassis for \$154,613 from Truck Country. Motion carried unanimously.

Motion by Bartz, supported by Thompson to buy a truck body and plow from Monroe Truck Equipment for \$85,780. Motion carried unanimously.

B. Review and take action: Purchase of Rubber Track Mid-Size Excavator for DPW – Street/Solid Waste Division.

Motion by Thompson, supported by Bartz to purchase a rubber track mid-size excavator, including extra buckets, from Kelbe Brothers for \$172,600. Motion carried unanimously.

C. Review and take action: Purchase of replacement Salt Shed Doors at DPW – Street/Solid Waste Division.

Motion by Wetzel, supported by Thompson to purchase Galvanized Steel Doors from Consolidated Doors of Milwaukee for \$61,394. Motion carried unanimously.

D. Review and take action: Purchase of Chipper for DPW – Street/Solid Waste

Motion by Bartz, supported by Thompson to approve the purchase of a 15 XPC Bandit chipper from Brooks Tractor for \$60,424.60.

E. Review and take possible action: Sidewalk repair orders for Repair Area No. 1, Repair Area No. 2, 821 N. Church Street, 1023 Center Street, 806 Harvey Avenue, and 121 William Street.

Motion by Thompson, supported by Bartz that the sidewalk repair notices be sent to the impacted property owners. Carried Unanimously.

F. Review and take possible action: award Bike and Pedestrian Master Plan Study to selected consultant.

Mr. Beyer indicated that the study is being re-bid. No action required.

H. Review and take possible action: 2024 Biosolids Dryer Project Department of Energy Grant and professional services by Mead-Hunt.

Motion by Wetzel, seconded by Bartz to accept the grant opportunity from the Department of Energy IAC Implementation Grant for a 500 KW solar array to power the Biosolids dryer. Carried Unanimously.

I. Review and take action: 2024 Compliance Maintenance Annual report (CMAR) – Wastewater Utility permit to discharge summary.

Motion by Thompson, supported by Wetzel to submit the resolution for the 2024 Compliance Maintenance Report to the City Council. Motion carried unanimously.

J. Review and take action: Wastewater Department purchase of Launder Covers for wastewater treatment plant final clarifiers.

Motion by Thompson, supported by Wetzel to approve the purchase of Launder Covers from Sabel Mechanical for \$202,301.60. Motion carried unanimously.

K. Review and take action: Water Department; City Well #5 rehab and rehabilitation project.

Motion by Bartz, supported by Thompson to accept the bid and supplemental items from Water Well Solutions for \$60,157. Motion carried unanimously.

L. Review and take action: Award of bid to Doyle Exteriors for 1000 West St. water building.

Motion by Wetzel, supported by Thompson to accept the proposal from Doyle Exteriors for roofing of the 1000 West Street Water Building for \$210,000. Motion carried Unanimously.

M. Review and take possible action: Award One-way street analysis to RA Smith for \$24,590.

Motion by Wetzel, supported by Bartz to contract with RA Smith for the one-way street analysis in the downtown for a sum of \$24,590. Motion carried unanimously.

5. ADJOURNMENT

Motion to adjourn by Wetzel, seconded by Bartz. Carried by unanimous vote.
Meeting adjourned at 7:18 PM

Respectfully submitted,
Steve Board
Public Works Commission Chair

Note: These minutes are uncorrected, and any corrections made thereto will be noted in the proceedings at which these minutes are approved.

MEMO

TO: Chairperson Board and Commission Members
FROM: Andrew M. Beyer, P.E.
DATE: June 5, 2024
RE: Public Works Commission Meeting of June 11, 2024

Review and take possible action: Explore Options to Service Area 4 of the Town of Emmet Cooperative Boundary Agreement with Public Water and Sanitary Sewer Services

Background

The City of Watertown and the Town of Emmet are under a cooperative boundary agreement through December 31, 2032. Under this agreement there are four (4) mandatory boundary adjustments that are to occur in the first ten (10) years of the agreement, the last to transpire this September 29, 2024. Area 4 is the fourth and final boundary adjustment and has the largest land mass – see attached site map.

Area 4 properties are currently on private well and septic systems. Under the agreement, as these properties attach to the City, they are required to:

“Following attachment, properties shall be required to connect to the City’s municipal water and sanitary sewer systems within one (1) year following the date of attachment, except that connection to the City municipal water and sewer systems may be delayed for a period not to exceed sixty (60) months if the property owner provides a current evaluation of the existing private well and/or private sanitary sewer system as performed by a Licensed Plumber or Certified Sanitarian.” (Pages 24 & 25 of 39 of the Intergovernmental Cooperative Plan Under Wisconsin Statute Section 66.0307 Between the City of Watertown and the Town of Emmet).

As the cooperative boundary agreement stipulates that these properties must connect to public water and sanitary sewer within one to five years upon attachment to the City, and considering these areas currently lack City utilities, extending public water and sanitary sewer to them and providing individual connections is a costly endeavor. The Public Works Commission needs to weigh the following options, prioritizing the best interests of both affected property owners and the City:

Option 1: Extend utility mains and assess affected property owners cost of sewer and water main extensions per Chapter 512-2(C) and Chapter 512 Article III of City code. Property owners would be assessed design, construction, and administration costs based on assessable linear footage of frontage for each benefited property within an assessment district.

Option 2: Property owners to address sewer and water main extensions at time of well or septic failure following application process and requirements set forth in Chapter 512-2(B) and Chapter 512 Article III of City code. It's important to note that construction projects take several years to develop before a shovel is put in the ground. Appropriate planning and design need to take place prior to construction.

Preliminary design and construction cost estimates to serve the area with sanitary sewer and water mains are roughly \$1.1 million. The preliminary estimated cost per property to serve with public water and sanitary sewer is significant. One should note that the current total assessed value for some of these properties is less than the cost to serve the property with public water and sanitary sewer.

In summary, establishing a special assessment district requires time and may be viewed as burdensome by affected property owners. Waiting for a well or septic system to fail before moving forward with sewer and water main extensions avoids immediate assessment costs, however it takes considerable time to plan and design public improvements if utility connection is desired.

It's important to note that if the Commission favors establishing a special assessment district for Area 4, design, construction, and construction management costs are not currently included in the Water/Wastewater Division's or the Annual Street Program's five-year capital plan.

Enclosed:

- Informational packet
- Chapter 512-2, City of Watertown Municipal Code of Ordinances
- Chapter 512 Article III, City of Watertown Municipal Code of Ordinances

Town of Emmet Annexation Schedule

Timeline	Annexation
Aug 5 th , 2024	<ul style="list-style-type: none"> Submit annexation ordinance to City attorney for review and approval.
Aug 26 th , 2024	Plan Commission Meeting: <ul style="list-style-type: none"> Recommendation of Annexation Ordinance to Council
Sept 3 rd , 2024	Common Council Meeting: <ul style="list-style-type: none"> Common Council 1st reading of Annexation Ordinance
Sept 17 th , 2024	Common Council Meeting: <ul style="list-style-type: none"> Common Council 2nd reading and approval of Annexation Ordinance

WATERTOWN

Regular Plan Commission Meeting: Second & Fourth Mondays

Regular Common Council Meetings: First and Third Tuesdays

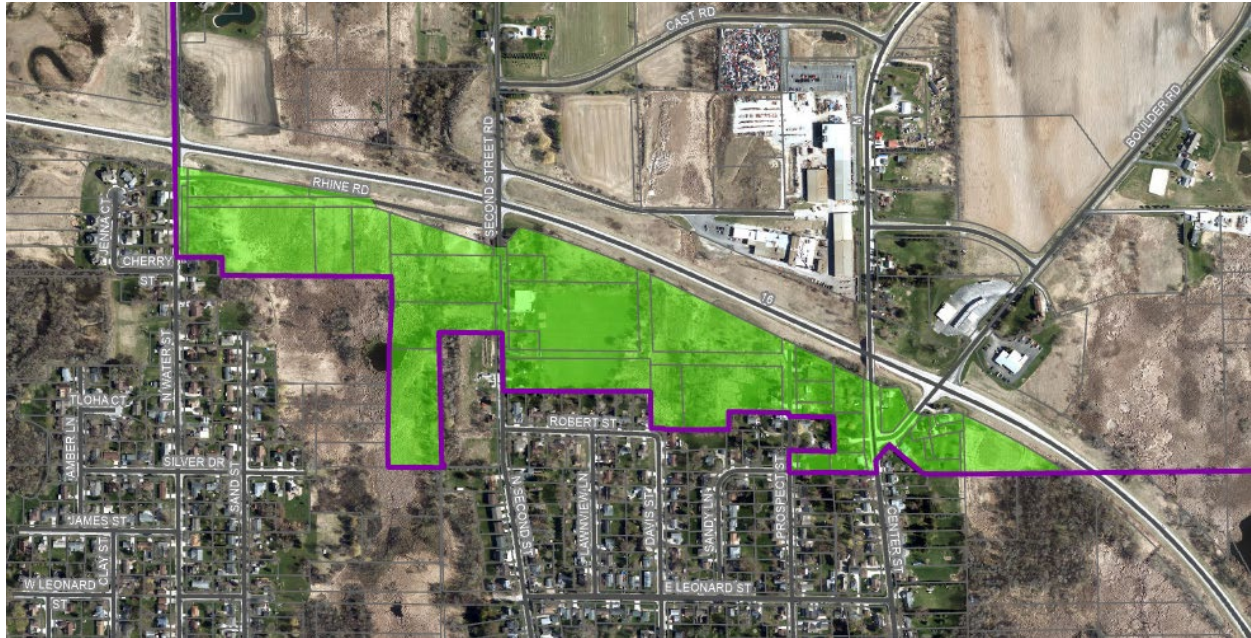
Newspaper: Published daily; Legal notices due 3 days prior to publishing

City of Watertown / Town of Emmet Boundary Adjustment Information Summary

Section 4, Item A.

5-15-2024

The City of Watertown and the Town of Emmet have entered into a Cooperative Boundary Agreement which calls for four mandatory boundary adjustments (see Exhibit A). The last of these four adjustments, known as the 'Highway 16 Residential Area', is scheduled for attachment to the City on or before September 29, 2024. Below, depicted in green, is the 'Highway 16 Residential Area'. An informational summary regarding the area to be attached to the City follows.



1. Property Descriptions

In process - being completed by surveyor. See Exhibit B – **To be Completed**

2. Property Values of land to be attached to the City.

See Exhibit C.

3. Population, Adults and children

Approximately 30 people: 24 adults, 6 children.

4. Wards

City Ward boundaries will be adjusted (see Exhibit D). Parts of the territory being attached to the City would go to Wards 2 & 4. Center St/CTH M would be the divide with all territory east of Center St/CTH M going to Ward 2 (from Emmet Ward 2) and all territory west of Center St/CTH M going to Ward 4 (from Emmet Ward 2).

5. Aldermanic Districts

City Aldermanic District boundaries would need to be adjusted (see Exhibit D). Parts of the territory being attached to the City would go to Aldermanic Districts 1 & 6. Center St/CTH M would

City of Watertown / Town of Emmet Boundary Adjustment Information Summary

5-15-2024

Section 4, Item A.

be the divide with all territory east of Center St/CTH M going to Aldermanic District 1 and all territory west of Center St/CTH M going to Aldermanic District 6.

6. Other Districts

Dodge County will need to adjust their County Supervisory District Boundaries (see Exhibit D). Center St/CTH M would be the divide with all territory east of Center St/CTH M going to Supervisory District 23 (from Supervisory District 19) and all territory west of Center St/CTH M going to Supervisory District 22 (from Supervisory District 19).

The Town of Emmet would need to adjust their Ward boundaries to the new municipal boundary (Emmet Ward 2 would shrink).

7. Surveying

A plat map meeting WI Department of Administration requirements must be prepared for the territory being attached to the City. This is being prepared with the assistance of a registered surveyor.

Plat Map Requirements: The scale map shall be an *accurate reflection* of the legal description of the parcels (territory) being transferred. As such, it must show:

- A tie line from the parcel to the monumented corner of the section or quarter-section, or the monumented end of a private claim or federal reservation, in which the parcel lies. The corner and monument must be identified.
- Bearings and distances along all parcel boundaries as described.
- All adjoining parcels/land as referenced in the description.
- The map must include a graphic scale.
- The map must show and identify the existing municipal boundary, in relation to the parcel being transferred.
- It is also beneficial to include a North Arrow and identify adjacent streets and parcels on the map.

8. Zoning

Zoning of the entire attached territory will be Single Family Residential – 4 (SR-4), consistent with 2019 Comprehensive Plan.

9. Developable Area

Floodplains and wetlands exist between N Water St and N Second St. A small wetland area also exists north of Davis St. The remaining area has development potential.

City of Watertown / Town of Emmet Boundary Adjustment Information Summary

5-15-2024

Section 4, Item A.



10. Addresses

The following addresses shall be assigned:

- N590 North Water Street (PIN: 016-0915-2834-000) shall be 1237 North Water Street.
- N578 Second Street Road (PIN: 016-0915-2843-000) shall be 1627 North Second Street.
- N552 Second Street Road (PIN: 016-0915-2843-002) shall be 1617 North Second Street.
- N548 Second Street Road (PIN: 016-0915-2843-003) shall be 1611 North Second Street.
- N544 Second Street Road (PIN: 016-0915-2843-006) shall be 1605 North Second Street.
- 1528 Prospect Street (PIN: 016-0915-2844-006) shall be 1528 Prospect Street.
- 1533 Prospect Street (PIN: 016-0915-2844-009) shall be 1533 Prospect Street.
- 1529 Prospect Street (PIN: 016-0915-2844-010) shall be 1529 Prospect Street.
- 1527 Prospect Street (PIN: 016-0915-2844-011) shall be 1527 Prospect Street.
- 1519 Prospect Street (PIN: 016-0915-2844-014) shall be 1519 Prospect Street.
- 1524 Center Street (PIN: 016-0915-2844-008) shall be 1524 Center Street.
- 1522 Center Street (PIN: 016-0915-2844-013) shall be 1522 Center Street.
- 1518 Center Street (PIN: 016-0915-2844-015) shall be 1518 Center Street.
- 1530 Center Street (PIN: 016-0915-2844-003) shall be 1531 Center Street.
- 1545 Boulder Road (PIN: 016-0915-2844-019) shall be 1545 Boulder Road.
- 1549 Boulder Road (PIN: 016-0915-2844-020) shall be 1541 Boulder Road.
- 1537 Boulder Road (PIN: 016-0915-2844-018) shall be 1537 Boulder Road.
- 1527 Boulder Road (PIN: 016-0915-2844-017) shall be 1527 Boulder Road.

City of Watertown / Town of Emmet Boundary Adjustment Information Summary

Section 4, Item A.

5-15-2024

11. Right of Ways

The following Right-of-Ways shall be transferred to the City:

- North Water Street shall be North Water Street.
- Rhine St (Unimproved, Row Only) shall be Rhine St (Unimproved, Row Only)
- Second Street Road shall be North Second Street.
- Ranis St (Unimproved, Row Only) shall be Ranis St (Unimproved, Row Only).
- Germania St (Unimproved, Row Only) shall be Germania St (Unimproved, Row Only).
- Prospect St shall be Prospect St.
- Center St / CTH M shall be Center St / CTH M.
- Boulder Road shall be Boulder Road.

12. Water and Sewer Connection

The City of Watertown – Town of Emmet Cooperative Boundary Agreement requires that all properties in the territory being attached to the City be connected to City water and sewer within one year. The extensions of the water and sewer mains are the responsibility of the property owners.

Cost estimates:

- A. Water: based on the most recent bid results, a rough ballpark estimate is \$205/LF (2,130 LF x \$205 = \$436,650). Adding loops if determined necessary by WDNR could add 1,800 LF (1,800 LF x \$205 = \$369,000). Estimated water total \$436,650 to \$805,650.
- B. Sewer: based on the most recent bid results and assuming the road restorations are included in the above water project, a rough ballpark estimate is \$143/LF (2,130 LF x \$143 = \$304,590). Estimated sewer total \$304,590.

Possible options to fund Water and Sewer:

Special Service Area (SSA):

A Special Service Area (SSA), also known as “Business Improvement District (BID)” is a taxing mechanism that can be used to fund a wide range of special or additional services and/or physical improvements in a defined geographic area within a municipality or jurisdiction. This type of district allows local governments to establish such areas without incurring debt or levying a tax on the entire municipality.

Special Assessment District (SAD):

A special assessment is a charge that public authorities can assess against real estate parcels for certain public projects. This charge is levied in a specific geographic area known as a special assessment district (SAD). A special assessment may only be levied against parcels of real estate which have been identified as having received a direct and unique "benefit" from the public project. There may be state grant opportunities for compensating “low to moderate” income residents to help offset some of their costs.

City of Watertown / Town of Emmet Boundary Adjustment Information Summary

Section 4, Item A.

5-15-2024

Payback Agreements:

Payback Agreement is an agreement between the City and a developer for the sole purpose of providing a mechanism for reimbursing a developer for a portion of the Developer's original costs of installing a facility extension or transportation system improvement as part of a Final Acceptance Certificate (FAC). Generally, Payback Agreements only include those facilities or streets that extend beyond the limits of or up to the Developer's property, allowing direct connection to or use of the facilities or streets by the benefiting properties adjacent to the facilities or streets. The agreement requires owners of benefiting properties to pay for their pro-rata share of the costs of improvements when they are permitted a connection to the extended facility. The agreement allows the City to collect payments from benefiting properties and pass them on to the Developer. The City collects the money during the normal utility permitting process. The term can allow a maximum term of 20 years for a Utility Payback Agreement, and a maximum term of 15 years for a Transportation Payback Agreement; however, the City, at its discretion, may define a shorter term for the agreement.

EXHIBIT A

Town Growth Area

City Growth Area

Watertown Emmett Agreement Area

Boundary Adjustment Areas

- 1 - 5.2 acres
- 2 - 6.9 acres
- 3 - 4.0 acres
- 4 - 56.6 acres

Total - 72.7 acres

- City Growth Area
- ▭ Municipal Boundary
- ▭ Parcels
- ▭ Areas 1-4

Draft

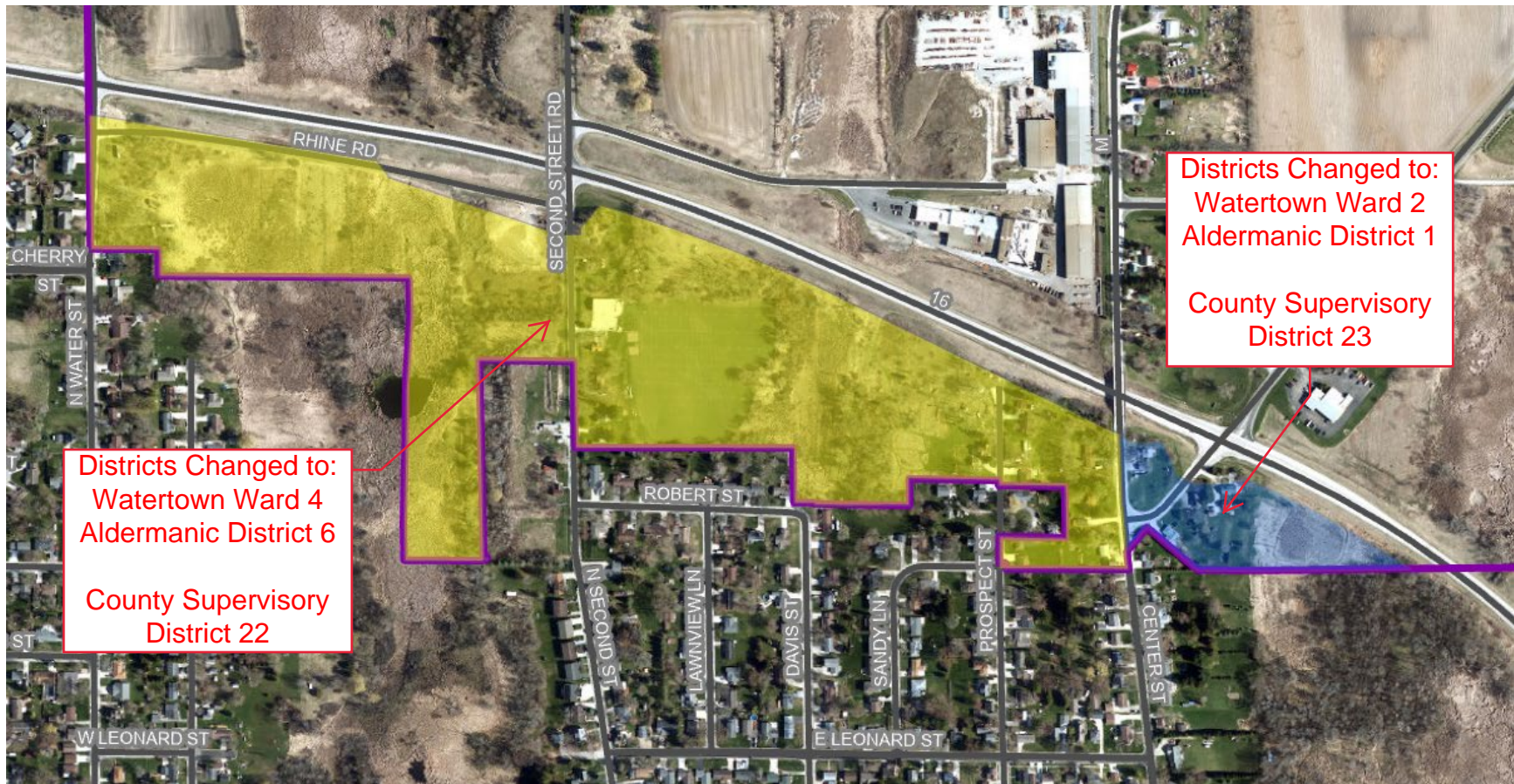
Exhibit B – TO BE COMPLETED

EXHIBIT C

Assessed Values of Attached Real Estate

Property Owner Name	Property Address	Pin	Total Assessed Value
Darcie A Schafer & Delfino Valenzuela Vergara	Boulder Rd	016-0915-2733-004	\$1,200.00
William T Liebhart & James L Liebhart	*Information Not Available*	016-0915-2831-007	\$1,000.00
John M Sullivan	*Information Not Available*	016-0915-2831-008 (part)	\$1,000.00
William T Liebhart & James L Liebhart	N590 N WATER ST	016-0915-2834-000	\$39,500.00
Marion Rumier	*Information Not Available*	016-0915-2834-001	\$4,500.00
William T Liebhart & James L Liebhart	*Information Not Available*	016-0915-2834-002	\$4,500.00
William T Liebhart & James L Liebhart	*Information Not Available*	016-0915-2834-003	\$4,500.00
Benjamin Judd	*Information Not Available*	016-0915-2834-004	\$1,500.00
City of Watertown	*Information Not Available*	016-0915-2834-005	\$0.00
William T Liebhart & James L Liebhart	N578 Second Street Rd	016-0915-2843-000	\$202,100.00
William T Liebhart & James L Liebhart	N578 Second Street Rd	016-0915-2843-001	\$24,000.00
Damian Denault & Mary Denault	N552 Second Street Rd	016-0915-2843-002	\$191,200.00
Alexa C Eiting & Kaleb J Eiting	N548 Second Street Rd	016-0915-2843-003	\$127,100.00
William Liebhart	*Information Not Available*	016-0915-2843-004	\$25,000.00
Michael Edwin Stadler Jr & Holly Marie Stadler	N544 Second Street Rd	016-0915-2843-006	\$152,800.00
Todd J Maier	*Information Not Available*	016-0915-2843-007	\$6,500.00
Hady Electric Inc	*Information Not Available*	016-0915-2843-008	\$62,000.00
Jared M Donner & Stephanie L Donner	1530 Center St	016-0915-2844-003	\$158,200.00
Todd J Maier	*Information Not Available*	016-0915-2844-005	\$149,900.00
Todd J Maier	1528 Prospect St	016-0915-2844-006	\$181,200.00
Terrence J Mckee & Christine M Mckee	1524 Center St	016-0915-2844-008	\$146,400.00
Gerald R Ebert & Mary R Ebert	1533 Prospect St	016-0915-2844-009	\$173,100.00
Brian Kelchner & Kattie Kelchner	1529 Prospect St	016-0915-2844-010	\$47,500.00
Brian Kelchner & Kattie Kelchner	1527 Prospect St	016-0915-2844-011	\$132,800.00
LKDaniels Enterprises LLC	1522 Center St	016-0915-2844-013	\$119,700.00
Edwin & Mary J Nilsen Irrevocable Trust	1519 Prospect St	016-0915-2844-014	\$80,000.00
William F Tessmann & Raymond H Tessmann	1518 Center St	016-0915-2844-015	\$119,800.00
Debra J Ebert	1527 Boulder Rd	016-0915-2844-017	\$139,100.00
Warren J Halbrader & Sheila D Halbrader	1537 Boulder Rd	016-0915-2844-018	\$129,000.00
Darcie A Schafer	1545 Boulder Rd	016-0915-2844-019	\$113,900.00
Jessica J Wortman & Craig M Wortman	1549 Boulder Rd	016-0915-2844-020	\$107,400.00
Jessica J Wortman & Craig M Wortman	*Information Not Available*	016-0915-2844-021	\$15,000.00
Warren J Halbrader & Sheila D Halbrader	*Information Not Available*	016-0915-2844-022	\$1,000.00
TOTAL:			2,662,400.00

EXHIBIT D



AN ORDINANCE

FOR ATTACHMENT OF REAL ESTATE BY BOUNDARY ADJUSTMENT FROM THE TOWN OF EMMET TO THE CITY OF WATERTOWN, DODGE COUNTY, WISCONSIN

Sponsor: Emily McFarland, Mayor & Chair
Committee: Plan Commission

WHEREAS, the City of Watertown and Town of Emmet adopted a Cooperative Plan consistent with § 66.0307, Wisconsin Statutes, and which was approved by the Wisconsin Department of Administration, which identifies areas within the Town of Emmet as expansion areas to mandatorily attach to the City of Watertown; and,

WHEREAS, the proposed territory to be attached is located within Area “4” (Exhibit A), Highway 16 Residential Area, is identified in the Intergovernmental Cooperative Plan pursuant to Wisconsin Statute Section 66.0307 agreement between the City of Watertown and the Town of Emmet to undergo a mandatory boundary adjustment on or before September 29th, 2024 and is further outlined in Section 3.02 of the Agreement; and,

WHEREAS, a copy of the Intergovernmental Cooperative Plan pursuant to Wisconsin Statute Section 66.0307 agreement between the City of Watertown and the Town of Emmet has been reviewed by the Watertown Plan Commission and has been given to the Town Board of the Town of Emmet, in compliance with Section 66.0307 (2) and (4) of the Wisconsin Statutes; and,

WHEREAS, the City of Watertown under Sections 6.02 and 8.03 of the Intergovernmental Cooperative Plan pursuant to Wisconsin Statute Section 66.0307 agreement between the City of Watertown and the Town of Emmet, has given a minimum of ten (10) days advanced, written notice to the Town of Emmet Clerk; and,

WHEREAS, the Town of Emmet waives it’s right to oppose attachment under Section 8.05(e) of the Intergovernmental Cooperative Plan; and.

WHEREAS, the Watertown Plan Commission has indicated its support and positive recommendation for attachment; and,

WHEREAS, the total assessed value of the below described real estate properties is \$2,662,400.00. (Exhibit C)

NOW, THEREFORE, THE COMMON COUNCIL OF THE CITY OF WATERTOWN DOES ORDAIN AS FOLLOWS:

SECTION 1. That the following described real estate be, and the same is, hereby detached from the Town of Emmet, Dodge County, Wisconsin, and, for the attachment of same to the City of Watertown, Dodge County, Wisconsin, as described and mapped in (Exhibit B).

IT IS FURTHER ORDAINED AS FOLLOWS:

SECTION 2. That the above described real estate properties shall be made part of the Second (2nd) and Fourth (4th) Wards and the First (1st) and Sixth (6th) Aldermanic Districts of the City of Watertown, Dodge County, Wisconsin (Exhibit D).

SECTION 3. That the above described real estate properties have an approximate total population of 30 persons, 24 adults and 6 children.

SECTION 4. That a future, zoning classification on the real estate properties above shall be designated as Single-Family Residential-4 (SR- 4) District, under the City of Watertown Zoning Code.

SECTION 5. That the addresses for the above described real estate properties shall be as follows:

- N590 North Water Street (PIN: 016-0915-2834-000) shall be 1237 North Water Street.
- N578 Second Street Road (PIN: 016-0915-2843-000) shall be 1627 North Second Street.
- N552 Second Street Road (PIN: 016-0915-2843-002) shall be 1617 North Second Street.
- N548 Second Street Road (PIN: 016-0915-2843-003) shall be 1611 North Second Street.
- N544 Second Street Road (PIN: 016-0915-2843-006) shall be 1605 North Second Street.
- 1528 Prospect Street (PIN: 016-0915-2844-006) shall be 1528 Prospect Street.
- 1533 Prospect Street (PIN: 016-0915-2844-009) shall be 1533 Prospect Street.
- 1529 Prospect Street (PIN: 016-0915-2844-010) shall be 1529 Prospect Street.
- 1527 Prospect Street (PIN: 016-0915-2844-011) shall be 1527 Prospect Street.
- 1519 Prospect Street (PIN: 016-0915-2844-014) shall be 1519 Prospect Street.
- 1524 Center Street (PIN: 016-0915-2844-008) shall be 1524 Center Street.
- 1522 Center Street (PIN: 016-0915-2844-013) shall be 1522 Center Street.
- 1518 Center Street (PIN: 016-0915-2844-015) shall be 1518 Center Street.
- 1530 Center Street (PIN: 016-0915-2844-003) shall be 1531 Center Street.
- 1545 Boulder Road (PIN: 016-0915-2844-019) shall be 1545 Boulder Road.
- 1549 Boulder Road (PIN: 016-0915-2844-020) shall be 1541 Boulder Road.
- 1537 Boulder Road (PIN: 016-0915-2844-018) shall be 1537 Boulder Road.
- 1527 Boulder Road (PIN: 016-0915-2844-017) shall be 1527 Boulder Road.

SECTION 6. That the Right-of-Ways within Area “4” (Exhibit A), Highway 16 Residential Area, shall become City Right-of-Ways as follows:

- North Water Street shall be North Water Street
- Rhine St (Unimproved, Row Only) shall be Rhine St (Unimproved, Row Only)
- Second Street Road shall be North Second Street

- Ranis St (Unimproved, Row Only) shall be Ranis St (Unimproved, Row Only)
- Germania St (Unimproved, Row Only) shall be Germania St (Unimproved, Row Only)
- Prospect St shall be Prospect St
- Center St / CTH M shall be Center St / CTH M
- Boulder Road shall be Boulder Road

SECTION 7. Following attachment, of the above described real estate properties shall be required to connect to the City' s municipal water and sanitary sewer systems within twelve (12) months as outlined in Section 3.02 (d) of the Agreement.

SECTION 8. All ordinances or parts of ordinances inconsistent with the provision of this ordinance are hereby repealed.

SECTION 9. This ordinance shall take effect and be in force the day following its passage and publication.

[End.]

DATE:				
READING:	1ST		2ND	
	YES	NO	YES	NO
DAVIS				
LAMPE				
BOARD				
BARTZ				
BLANKE				
SMITH				
SCHMID				
WETZEL				
MOLDENHAUER				
MAYOR MCFARLAND				
TOTAL				

ADOPTED _____

CITY CLERK/TREASURER

APPROVED _____

MAYOR

§ 512-2. Extension rules.

- A. Application. Extensions to existing water mains shall be initiated by application in writing. The application shall describe the proposed extension by designating the point at which it shall connect with the present facilities, the point at which it shall terminate and the ways to be affected or the course selected. It shall state the reasons or purposes for requesting the extension and shall set forth the facts and information necessary to enable the Commission to determine with a reasonable degree of certainty as to whether or not inconvenience and necessity require that the request be granted and to determine the terms and conditions under which the extension is to be made. The application shall be signed by the owner (or his agent duly authorized by proper power of attorney) of the property abutting the way affected or the course selected. It shall describe the property so abutting in definite terms, so as to permit its identification upon the tax rolls of the City, and shall set forth especially the number of feet frontage of each piece or parcel of property so abutting.
- B. Extension of mains. The City Water Department will extend water mains for new customers and will decide whether the extension is to be six-inch or larger pipe where fire protection service is needed, or eight-inch pipe as a minimum size or larger where only general service is needed on the basis provided therein.
- C. Special assessments for water main construction. Where the cost of the extension is to be immediately assessed against the abutting property, the procedure set forth under §§ 66.0703 and 66.0721, Wis. Stats., will apply, and as follows:
- (1) The assessment for the first water service for any lot other than corner lot shall be determined by the Commission on a per-front-foot basis along the short side.
 - (2) The assessment of corner lots, if served first by water along the side street, shall be in accordance with the frontage of the short side of the lot at the per-foot rate as determined by the Commission.
 - (3) Corner lots. When a corner lot is already served by water along the front or side and water service is added to the unserved side, no assessment shall be made. However, if the dimensions of any corner lot are sufficient to allow an area of 8,000 square feet for a site on the front of the lot with sufficient front, rear and side yards and also provide for a site with a frontage of not less than 80 feet along the side street and an area of 8,000 square feet and proper yard distances, an additional assessment at the current front-foot rate shall be made for such frontage or property on the side street which is available for a lot or lots on such street.
 - (4) If, because of topographical conditions, adverse use of neighboring property, doubtful accessibility or other unusual conditions, it is believed that an assessment determined by the formula herein set forth would work an injustice, the Common Council, by formal resolutions setting forth its reasons, may reduce such an assessment to an amount which it deems to be the true benefit under the circumstances. Further, if because of unusual conditions it is believed that an assessment determined by the formula herein set forth would work an injustice to the City, the Common Council, by formal resolutions setting forth its reasons, may increase such an assessment to an amount which it deems to be the true benefit under the circumstances.

- (5) Payment for water main construction.¹
- (a) Payment made be made in cash within 60 days after notice of assessment with interest at 9% per annum from 60 days after notice.
 - (b) Payment may be made in five equal annual installments, if the total bill is \$500 or more, with interest thereon at the rate of 12% per annum. If the property owner shall sell or transfer title to said property within the five-year installment period, any remaining balance to be paid shall become immediately due and payable upon the sale or transfer of ownership of said parcel.
- (6) The City Clerk shall notify each property owner after the project has been completed and the assessments have been computed of the amount of the assessment and the alternative methods of payment and that unless the deferred plan is chosen by written notice to such Clerk within 30 days, he will be considered to have chosen the cash payment plan. **[Amended 7-5-2022 by Ord. No. 22-63]**
- (7) Special assessments for water main installation shall be paid to the Watertown Public Works Commission at the time the assessment is levied.
- D. Where the City is unwilling to make a special assessment because of low density of prospective customers or for some other reason, extensions will be made on a customer-financed basis, as follows:
- (1) Definitions. As used in this subsection, the following terms shall have the meanings indicated:

CONTRIBUTOR — The owner of property at time of a contribution or refund unless otherwise specified by written agreement.

CUSTOMER — The owner of premises to which water is now or is to be furnished unless specific written agreements specify otherwise. The customer at all times means the property owner at the time a contribution is to made or a refund becomes available.
 - (2) Basis for determining contributions from original customers. The applicant (or applicants, pro rata) will advance the amount that would have been assessed under Subsection C above. The contribution must be paid in advance of construction.
 - (3) Additional customers and refunds. When additional customers are connected to a water main that was originally financed in part by customers, the Department will require a contribution from each new customer equal to the existing average contribution. When the amount of customer contribution computed under this subsection is less than would have been assessed under Subsection C above, the applicant for service shall pay an amount equivalent to the assessment. This amount shall then be refunded pro rata to all contributors along the extension whose remaining contribution still exceeds what would have been assessed under Subsection C above. When refunds have reduced the contribution of any contributor to the applicable assessment per front foot, no further refund will be made to that individual. After all refunds have been made, the remaining premises that may connect will be charged at the rate per front foot established for the

1. Editor's Note: Amended at time of adoption of Code (see Ch. I, General Provisions, Art. II).

extension.

- (4) Limits of extension. When an extension beyond an existing extension is required to serve a new customer, and the cost for a customer exceeds the average remaining contribution in the original extension, then the new extension will be considered as an entirely new project, without refunds or other connection with the original extension.
- E. When customers connect to a transmission main or connecting loops laid at Department expense, there will be a contribution of an amount equivalent to the applicable assessment as determined in Subsection C above.
- F. The development period during which refunds shall be made will be limited to 20 years.

ARTICLE III
Special Assessments for Sewer and Water Main Construction
[Amended by Ord. No. 90-94]

§ 512-64. Basis for assessment.

The basis for sanitary sewer, storm sewer and water main assessments shall be the assessable linear footage of frontage of each benefited property within an assessment district, computed as per the following requirements.

§ 512-65. Assessable costs.

Sanitary sewer, storm sewer and water main and appurtenances assessable costs:

- A. The front-foot assessment for residential, commercial and industrial zoned properties shall be based on the equivalent size sanitary sewer, storm sewer and water main required to serve the respective assessment district. The assessment rates shall be as determined by the Public Works Commission and as recommended by the engineering services. The minimum equivalent diameter size sanitary sewer for residential properties shall be eight inches and the minimum size for commercial, industrial or institutional properties shall be 10 inches. Sanitary sewers, storm sewers and water mains in public rights-of-way and within easements shall be assessed back to the respective assessment district as directed by the Common Council. **[Amended by Ord. No. 10-30]**
- B. The acreage assessment for residential, commercial and industrial zoned properties shall be levied, as determined by the Common Council, to the respective assessment district. The assessment rates shall be as determined by the Common Council and as recommended by the engineering services. The minimum equivalent diameter size sanitary sewer for residential properties shall be eight inches and the minimum size for commercial, industrial or institutional properties shall be 10 inches. Sanitary sewers, storm sewers and water mains in public rights-of-way and within easements shall be assessed back to the respective assessment district, as directed by the Common Council. **[Amended by Ord. No. 10-30]**
- C. Assessable sanitary sewer, storm sewer and water main costs shall include the total costs for manholes and pump stations, force mains and related appurtenances. Costs involving inspection, engineering, legal, restoration costs such as pavement repair and landscaping, and necessary administration costs to complete a project shall also be assessed back to the respective assessment district.

§ 512-66. Determination of assessable linear footage.

The assessable linear footage shall be determined as follows.

- A. For corner lots:
 - (1) If the sewer is installed in both streets, add the two side dimensions and divide by two to obtain the assessable frontage.
 - (2) If the sewer is installed in one street, add the two side dimensions and divide by two to

obtain the assessable frontage.

- (3) If the owner is given his option for the lateral location and, as a result of his decision, along with certain design decisions for the project, the sewer is not installed on one of the sides, the assessable frontage shall be figured as per Subsection A(1) of this section for corner lots.
- B. On lots with frontage on three streets, use the longest and shortest side and compute as a corner lot.
- C. On lots with frontage on two streets, use frontage on the street with the service connection only, if the lot cannot be subdivided into an additional lot or lots complying with the present zoning ordinance.
- D. For lots on culs-de-sac, use the chord dimension at the building setback line, as measured tangent to the curve at its mid-point, if said setback line is formed by a curved line.
- E. For lots on curves with an exterior angle over 45° as measured between the side lot lines of each lot, use the chord dimension at the building setback line for the inside lots on the curve.
- F. On large tracts of land which are on corners, assume a future corner lot that complies with the minimum present zoning ordinance and apply the corner lot policy. The balance of the frontage shall be considered at full linear footage. Deferment of assessment for large tracts of land will be reviewed by the Public Works Commission on an individual basis upon a written request for deferment by the respective property owner.
- G. All deferments end when connection is made to the facility. When a sanitary sewer, storm sewer and water main passes a large tract of land that would be eligible for deferment, the cost of the assessment for the home site will be assessed for the number of feet that would be required on the minimum width required by zoning.
- H. Lots which do not meet the above criteria will be handled on an individual basis; as each special situation is decided, it will become policy for future decisions of a similar nature.

§ 512-67. Determination of assessable acreage.

The assessable acreage shall be determined as follows:

- A. For actual acreage of all parcels within the assessment district, excluding acreage reserved for road rights-of-way and land zoned in conservancy.
- B. All deferments end when connection is made to the facility. When a sanitary sewer, storm sewer and water main passes a large tract of land that would be eligible for deferment, the cost of the assessment for the home site will be assessed for the acreage that would be required on the minimum lot required by zoning.

§ 512-68. Sanitary sewer laterals.

Sanitary sewer laterals will be assessed back to each respective property for the entire expense, on a unit or lump-sum basis, when installed within public rights-of-way or easements. No time payment will be allowed.

§ 512-69. Deferments.

Generally, deferments are allowed in the final resolution of an assessment project where no connection is desired or available. All deferments end when a parcel is connected to the facility. However, the owner of a large residential parcel may elect to pay or begin paying for the minimum frontage required in the zoning district in which the parcel is located and defer the remainder for the duration of the deferment period. Special assessments for sewer improvements levied upon agricultural lands which are actually devoted to agriculture or farming purposes and are not used for any other purposes shall be deferred on the following basis:

- A. If said land is used for other than agricultural or farming purposes and any use of the improvement is made, the assessment will become due and payable in full upon the next installment payment date for said district in which said property lies, as determined by the final resolution or the first November 1 after said use is made if there is no installment date in said district, and interest established by the final resolution shall be charged from the first November 1 after the date of the final resolution. The interest rate will be that established in the final resolution for deferred assessments, and if there is no separate rate established for deferred assessments, it shall be the same as that established for installments, and if there is none established for either deferred assessments or installments, it shall be at the rate of 12% per annum. If within five years from the date of the final resolution a parcel of said land is divided by certified survey or final subdivision plat, is used for other than agricultural or farming purposes and any use of the improvement is made, the Common Council, as its sole option, may negotiate with such a property owner an agreement by which less than the entire assessment might be paid when only a portion of the property is used for other than agricultural or farming purposes and any use of the improvement is made.
- B. Any assessment deferred pursuant to this resolution may nevertheless be prepaid upon the same terms as installment assessments are allowed to be prepaid and as provided for in the final assessment resolution.

§ 512-70. Assessment calculations on certain installations. [Amended 7-5-2022 by Ord. No. 22-63]

When a developer/landowner extends the sanitary sewer, storm sewer and water main facilities under § 545-8C, the Public Works Director/City Engineer will determine the estimated cost of these facilities to service said parcel requiring the facilities. The cost for the installation beyond what would be required for that parcel (development) will be assessed to all potential benefitted properties by the methods stated in the assessment policy or as established by the final resolution of the project.

§ 512-71. Land split; sale or transfer of property.

When there is a land split or sale of property on which an assessment exists, the following will apply:

- A. If the assessment is deferred, the deferment period ends and the buyer will have the option of lump-sum or installment payment, regardless of whether a connection exists, except as noted in Subsection B below.

§ 512-71

§ 512-71

- B. When the facility was installed and assessments made under the provisions of § 545-8C, upon sale of the property all such assessments are due and payable in lump-sum payment from the buyer.

§ 512-72. Exclusions.

All properties located within the assessment district will be subject to the police power assessment herein, unless the Common Council makes a determination that a parcel of real estate receives no police power determination of benefit. The Common Council shall make benefit determinations on all properties being assessed prior to the assessment being levied.

§ 512-73. Payment for construction.¹

- A. Payment made be made in cash within 60 days after notice of assessment, with interest at 12% per annum after due date.
- B. Payment may be made in five equal annual installments, if the billing totals \$500 or more, with interest thereon at the rate of 12% per annum. If the property owner sells or transfers title to said parcel within said five-year period, any remaining balance due shall immediately become payable in full upon the date of sale or transfer of ownership.

§ 512-74. Notice of amount of assessment. [Amended 7-5-2022 by Ord. No. 22-63]

The City Clerk shall notify each property owner after the project has been completed and the assessments have been computed of the amount of such assessment and the alternative methods of payment and that, unless the deferred plan is chosen by written notice to the Clerk within 30 days, the property owner will be considered to have chosen the cash payment plan.

§ 512-75. Disposition of moneys.

All moneys received for special assessments for the construction of sanitary sewers, storm sewers and water mains shall be placed in the account in a permanent improvement fund.

§ 512-76. Applications for sewer, curb and gutter, and water. [Amended 7-5-2022 by Ord. No. 22-63]

Applications for sewer, curb and gutter, and water must be received by the Public Works Director/City Engineer on or before August 1 of each year in order to include the work in the financing plan for the following year.

§ 512-77. Report of Public Works Commission. [Amended 7-5-2022 by Ord. No. 22-63]

Immediately after August 1 of each year, the Public Works Director/City Engineer shall notify the Public Works Commission of all applications for sanitary sewer and/or water main extensions, and the Public Works Commission shall submit its written report to the Common Council as soon as possible, approving or disapproving each request and setting forth its reason and the estimated cost of all water main installations which are to be made in connection with the applications for

1. Editor's Note: Amended at time of adoption of Code (see Ch. 1, General Provisions, Art. II).

§ 512-77

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sanitary sewer which it approves.

To: Chairman Board and members of the Public Works Commission
From: Peter Hartz – Water Systems Manager

June 3, 2024

Re: June 11, 2024, Public Works Commission agenda item

Water Systems:

1. Review and approve 2024 Compliance Maintenance Annual Report (CMAR) – Wastewater Utility permit to discharge summary.

Included for review and discussion is a revised copy of the CMAR report for the calendar year 2023. The revisions include updates to the future project costs, and summaries throughout the report.

Please note that we had 11 months of influent biological oxygen demand (BOD) concentrations over 90% of the plant design, and 9 months with influent BOD concentrations over 100% of the plant design. The plant effluent discharge to the Rock River was well below the permitted limits for all those months, however, we scored poorly on that section of the annual report due to the high loads at the treatment plant. Watertown began working on the wastewater treatment plant facility plan last June of 2023, we anticipate the completed report to be brought forward in a few weeks; there were some delays due to sensitivity & outside of our control regarding data collection from the sewer users in Watertown.

I recommend forwarding a resolution to the Watertown City Council which includes a specific mention of action the wastewater utility is required to conduct.

Whereas; The Public Works Commission has recommended the following action regarding the influent BOD design exceedance for loading. To continue working with our engineering consultant who is actively engaged with the facilities plan update regarding the plant design parameters for BOD, and to continue supporting the wastewater utility staff with equipment and infrastructure improvements when and where necessary, pending available funding.

Sincerely,

Peter Hartz

Water Systems Manager

Compliance Maintenance Annual Report

Watertown Wastewater Treatment Facility

Last Updated: Reporting Per.

5/24/2024

Section 4, Item B.

2023

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	3.3810	x	221	x	8.34	=	6,235
February	3.9989	x	205	x	8.34	=	6,840
March	5.4968	x	142	x	8.34	=	6,499
April	4.8348	x	168	x	8.34	=	6,788
May	3.4572	x	245	x	8.34	=	7,050
June	2.6864	x	279	x	8.34	=	6,241
July	2.4440	x	294	x	8.34	=	5,984
August	2.4693	x	310	x	8.34	=	6,376
September	2.2365	x	315	x	8.34	=	5,872
October	2.5418	x	338	x	8.34	=	7,172
November	2.4334	x	375	x	8.34	=	7,613
December	2.4654	x	334	x	8.34	=	6,877

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	8.8	x	90	=	7.92
		x	100	=	8.8
Design BOD, lbs/day	6600	x	90	=	5940
		x	100	=	6600

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	1	0
February	1	0	0	1	1
March	1	0	0	1	0
April	1	0	0	1	1
May	1	0	0	1	1
June	1	0	0	1	0
July	1	0	0	1	0
August	1	0	0	1	0
September	1	0	0	0	0
October	1	0	0	1	1
November	1	0	0	1	1
December	1	0	0	1	1
Points per each		2	1	3	2
Exceedances		0	0	11	6
Points		0	0	33	12
Total Number of Points					45

45

Compliance Maintenance Annual Report

Section 4, Item B.

Watertown Wastewater Treatment Facility

Last Updated: Reporting Per.

5/24/2024

2023

3. Flow Meter

3.1 Was the influent flow meter calibrated in the last year?

- ☒ Yes Enter last calibration date (MM/DD/YYYY)

2023-10-26

☐ 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:

The city of Watertown Wastewater has four (4) active industrial pre-treatment permits issued to businesses with target limits in place. One (1) of those facilities has established Federal pre-treatment limits and a program requirement to meet all of those limits in their discharge.

5. Septage Receiving

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

Septic Tanks Holding Tanks Grease Traps

☒ 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 146,067 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.

Plant performance does not appear to be negatively impacted.

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.

Compliance Maintenance Annual Report

Section 4, Item B.

Watertown Wastewater Treatment Facility

Last Updated: 5/24/2024
Reporting For: 2023

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

☐ 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.

Total Points Generated	45
Score (100 - Total Points Generated)	55
Section Grade	F

Compliance Maintenance Annual Report

Section 4, Item B.

Watertown Wastewater Treatment Facility

Last Updated: Reporting Per.

5/24/2024

2023

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	30	27	7	1	0	0
February	30	27	6	1	0	0
March	30	27	4	1	0	0
April	30	27	5	1	0	0
May	30	27	5	1	0	0
June	16	14.4	4	1	0	0
July	12	10.8	6	1	0	0
August	10	10	7	1	0	0
September	10	10	7	1	0	0
October	12	10.8	6	1	0	0
November	25	22.5	4	1	0	0
December	29	26.1	5	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
Total number of points			0

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)

2023-10-26

☐ No

If No, please explain:

3. Treatment Problems

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

Daphnia magna aquatic insect infestations in clarifiers.

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

☒ No

Compliance Maintenance Annual Report

Watertown Wastewater Treatment Facility

Last Updated: 5/24/2024
Reporting For: 2023

Section 4, Item B.

If Yes, please explain:

4.2 At any time in the past year was there a failure of an effluent acute or chronic whole effluent toxicity (WET) test?

☐ Yes

☒ No

If Yes, please explain:

4.3 If the biomonitoring (WET) test did not pass, were steps taken to identify and/or reduce source(s) of toxicity?

☐ Yes

☐ No

☒ N/A

Please explain unless not applicable:

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

Compliance Maintenance Annual Report

Watertown Wastewater Treatment Facility

Last Updated: Reporting For:
5/24/20242023

Section 4, Item B.

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	30	27	3	1	0	0
February	30	27	3	1	0	0
March	30	27	3	1	0	0
April	30	27	4	1	0	0
May	30	27	3	1	0	0
June	16	14.4	4	1	0	0
July	12	10.8	6	1	0	0
August	10	10	4	1	0	0
September	10	10	3	1	0	0
October	12	10.8	4	1	0	0
November	25	22.5	5	1	0	0
December	29	26.1	4	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
Total Number of Points						0

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?

0

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

Compliance Maintenance Annual Report

Section 4, Item B.

Watertown Wastewater Treatment Facility

Last Updated: Reporting Per.

5/24/2024

2023

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 Exceed ance	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 Exceed ance
January	20	20	1.136	0	.121	.128	2.436	2.491	0
February	20	20	.54	0	.32	.463	.341	1.035	0
March	20	20	.158	0	.052	.12	.295	.212	0
April									0
May									0
June	17	17	.108	0	.081	.191	.077	.088	0
July	9	9	.118	0	.086	.084	.132	.152	0
August	6.4	6.4	.072	0	.112	.075	.055	.062	0
September	8.9	8.9	.068	0	.046	.046	.12	.06	0
October	9.3	13	.053	0	.062	.063	.038	.047	0
November	20	20	.057	0	.053	.062	.072	.049	0
December	20	20	.049	0	.042	.04	.047	.07	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
Total Number of Points									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?

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

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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	0.333	1	0
February	1	0.259	1	0
March	1	0.336	1	0
April	.8	0.345	1	0
May	1	0.457	1	0
June	.8	0.591	1	0
July	1	0.660	1	0
August	1	0.441	1	0
September	1	0.329	1	0
October	1	0.223	1	0
November	1	0.161	1	0
December	1	0.251	1	0
Months of Discharge/yr			12	
Points per each exceedance with 12 months of discharge:				10
Exceedances				0
Total Number of Points				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?

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

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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?

2033 acres

2.1.2 How many acres did you use?

109.8 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

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. 004 - CAKE 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	40			22			31			33				0	0
Cadmium		39	85	.79			.78			.58			.6				0	0
Copper		1500	4300	360			290			350			380				0	0
Lead		300	840	18			20			22			18				0	0
Mercury		17	57	<.34			.39			.39			.69				0	0
Molybdenum	60		75	8.1			7.8			10			10			0		0
Nickel	336		420	57			56			61			58			0		0
Selenium	80		100	<28			<15			9.6			<11			0		0
Zinc		2800	7500	670			570			670			710				0	0

0

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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							36							0	0
Cadmium		39	85							<.49							0	0
Copper		1500	4300							310							0	0
Lead		300	840							11							0	0
Mercury		17	57							<3.4							0	0
Molybdenum	60		75							8.8						0		0
Nickel	336		420							51						0		0
Selenium	80		100							<31						0		0
Zinc		2800	7500							680							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)
- 1-2 (10 Points)
- > 2 (15 Points)

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)

- Yes
- No (10 points)

- N/A - Did not exceed limits or no HQ limit applies (0 points)
- N/A - Did not land apply biosolids until limit was met (0 points)

3.1.3 Number of times any of the metals exceeded the ceiling limits = 0

Exceedence Points

- 0 (0 Points)
- 1 (10 Points)
- > 1 (15 Points)

3.1.4 Were biosolids land applied which exceeded the ceiling limit?

- Yes (20 Points)
- No (0 Points)

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?

4. Pathogen Control (per outfall):

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.

Outfall Number:	004
Biosolids Class:	B
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2023 - 12/31/2023
Density:	200,000
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	Anaerobic digestion is utilized to meet list 3 requirements prior to land application. Operated mesophilic 95 to 98 degrees Fahrenheit.

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Outfall Number:	004
Biosolids Class:	B
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2023 - 12/31/2023
Density:	31,000
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Aerobic Digestion
Process Description:	Anaerobic digestion is utilized to meet list 3 requirements prior to land application. Operated mesophilic 95 to 98 degrees Fahrenheit.

Outfall Number:	004
Biosolids Class:	B
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2023 - 12/31/2023
Density:	31,000
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Aerobic Digestion
Process Description:	Anaerobic digestion is utilized to meet list 3 requirements prior to land application. Operated mesophilic 95 to 98 degrees Fahrenheit.

Outfall Number:	004
Biosolids Class:	B
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2023 - 12/31/2023
Density:	22,000
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Aerobic Digestion
Process Description:	Anaerobic digestion is utilized to meet list 3 requirements prior to land application. Operated mesophilic 95 to 98 degrees Fahrenheit.

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Outfall Number:	004
Biosolids Class:	B
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2023 - 03/31/2023
Density:	200,000
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	Anaerobic digestion is utilized to meet list 3 requirements prior to land application. Operated mesophilic 95 to 98 degrees Fahrenheit.

Outfall Number:	004
Biosolids Class:	B
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	04/01/2023 - 06/30/2023
Density:	31,000
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	No
Process:	Anaerobic Digestion
Process Description:	Anaerobic digestion is utilized to meet list 3 requirements prior to land application. Operated mesophilic 95 to 98 degrees Fahrenheit.

Outfall Number:	004
Biosolids Class:	B
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	07/01/2023 - 09/30/2023
Density:	200,000
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	Anaerobic digestion is utilized to meet list 3 requirements prior to land application. Operated mesophilic 95 to 98 degrees Fahrenheit.

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Outfall Number:	004
Biosolids Class:	B
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	10/01/2023 - 12/31/2023
Density:	22,000
Sample Concentration Amount:	CFU/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	Anaerobic digestion is utilized to meet list 3 requirements prior to land application. Operated mesophilic 95 to 98 degrees Fahrenheit.

0

4.2 If exceeded Class B limit or did not meet the process criteria at the time of land application.

4.2.1 Was the limit exceeded or the process criteria not met at the time of land application?

☐ Yes (40 Points)

☒ No

If yes, what action was taken?

5. Vector Attraction Reduction (per outfall):

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.

Outfall Number:	004
Method Date:	01/10/2023
Option Used To Satisfy Requirement:	Volatile Solids Reduction
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	>= 38
Results (if applicable):	61.3

Outfall Number:	004
Method Date:	04/19/2023
Option Used To Satisfy Requirement:	Volatile Solids Reduction
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	>= 38
Results (if applicable):	55.1

Outfall Number:	004
Method Date:	07/18/2023
Option Used To Satisfy Requirement:	Volatile Solids Reduction
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	>= 38
Results (if applicable):	43.2

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Outfall Number:	004
Method Date:	10/12/2024
Option Used To Satisfy Requirement:	Volatile Solids Reduction
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	>=38
Results (if applicable):	43

Outfall Number:	004
Method Date:	01/10/2023
Option Used To Satisfy Requirement:	Volatile Solids Reduction
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	>=38
Results (if applicable):	61.3

Outfall Number:	004
Method Date:	04/19/2023
Option Used To Satisfy Requirement:	Volatile Solids Reduction
Requirement Met:	Yes
Land Applied:	No
Limit (if applicable):	>=38
Results (if applicable):	55.1

Outfall Number:	004
Method Date:	01/10/2023
Option Used To Satisfy Requirement:	Volatile Solids Reduction
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	>=38
Results (if applicable):	61.3

Outfall Number:	004
Method Date:	10/12/2023
Option Used To Satisfy Requirement:	Volatile Solids Reduction
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	>=38
Results (if applicable):	43

5.2 Was the limit exceeded or the process criteria not met at the time of land application?

☐ Yes (40 Points)

☒ No

If yes, what action was taken?

6. Biosolids Storage

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<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> <ul style="list-style-type: none">● <input type="radio"/> >= 180 days (0 Points)○ <input type="radio"/> 150 - 179 days (10 Points)○ <input type="radio"/> 120 - 149 days (20 Points)○ <input type="radio"/> 90 - 119 days (30 Points)○ <input type="radio"/> < 90 days (40 Points)○ <input type="radio"/> N/A (0 Points) <p>6.2 If you checked N/A above, explain why.</p> <div></div>	0
<p>7. Issues</p> <p>7.1 Describe any outstanding biosolids issues with treatment, use or overall management:</p> <div>We have concerns regarding PFAS/PFOS and disposal options as looking into the future is a moving target for regulations.</div>	

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

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Staffing and Preventative Maintenance (All Treatment Plants)

<div>1. Plant Staffing</div> <div>1.1 Was your wastewater treatment plant adequately staffed last year?</div> <div><div><div>● Yes</div><div>○ No</div></div><div>If No, please explain:</div><div></div><div>Could use more help/staff for:</div><div></div></div> <div>1.2 Did your wastewater staff have adequate time to properly operate and maintain the plant and fulfill all wastewater management tasks including recordkeeping?</div> <div><div><div>● Yes</div><div>○ No</div></div><div>If No, please explain:</div><div></div></div>	
<div>2. Preventative Maintenance</div> <div>2.1 Did your plant have a documented AND implemented plan for preventative maintenance on major equipment items?</div> <div><div><div>● Yes (Continue with question 2) □□</div><div>○ No (40 points)□□</div></div><div>If No, please explain, then go to question 3:</div><div></div></div> <div>2.2 Did this preventative maintenance program depict frequency of intervals, types of lubrication, and other tasks necessary for each piece of equipment?</div> <div><div><div>● Yes</div><div>○ No (10 points)</div></div></div> <div>2.3 Were these preventative maintenance tasks, as well as major equipment repairs, recorded and filed so future maintenance problems can be assessed properly?</div> <div><div><div>● Yes</div><div><div>○ Paper file system</div><div>○ Computer system</div><div>● Both paper and computer system</div></div><div>○ No (10 points)</div></div></div>	0
<div>3. O&M Manual</div> <div>3.1 Does your plant have a detailed O&M and Manufacturer Equipment Manuals that can be used as a reference when needed?</div> <div><div><div>● Yes</div><div>○ No</div></div></div>	
<div>4. Overall Maintenance /Repairs</div> <div>4.1 Rate the overall maintenance of your wastewater plant.</div> <div><div><div>○ Excellent</div><div>● Very good</div><div>○ Good</div><div>○ Fair</div><div>○ Poor</div></div><div>Describe your rating:</div></div>	

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Staff here in Watertown takes great pride in their work and our facilities, the results are very good. I take regular tours and visit of other facilities on an annual basis, I also talk to other plant managers and find that our program is better than most others.

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

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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:

PETER A HARTZ

Certification No:

32167

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				X
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	X	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)

2.3 For wastewater treatment facilities with a registered or certified laboratory, is at least one operator that works in the laboratory certified at the basic level in the laboratory (L) subclass?

- Yes
- No
- N/A – Wastewater treatment facility does not have a registered or certified laboratory

2.4 For wastewater treatment facilities that own and operate a sanitary sewage collection system, has at least one operator been designated the OIC for sanitary sewage collection system and certified at the basic level in the sanitary sewage collection system (SS) subclass?

- Yes
- No
- N/A – Owner of the Wastewater treatment facility does not own and operate a sanitary sewage collection system

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

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<div><input type="checkbox"/> An arrangement with another certified operator</div> <div><input type="checkbox"/> An arrangement with another community with a certified operator</div> <div><input type="checkbox"/> An operator on staff who has an operator-in-training certificate for your plant and is expected to be certified within one year</div> <div><input type="checkbox"/> A consultant to serve as your certified operator</div> <div><input type="checkbox"/> None of the above (20 points)</div> <div>If "None of the above" is selected, please explain:</div> <div></div>	0
<div>4. Continuing Education Credits</div> <div>4.1 If you had a designated operator-in-charge, was the operator-in-charge earning Continuing Education Credits at the following rates?</div> <div>OIT and Basic Certification:</div> <div><div><input type="radio"/> Averaging 6 or more CECs per year.</div><div><input type="radio"/> Averaging less than 6 CECs per year.</div></div> <div>Advanced Certification:</div> <div><div><input checked="" type="radio"/> Averaging 8 or more CECs per year.</div><div><input type="radio"/> Averaging less than 8 CECs per year.</div></div>	

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

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Financial Management

1. Provider of Financial Information

Name:

Peter Hartz

Telephone:

920-262-4085

(XXX) XXX-XXXX

E-Mail Address
(optional):

phartz@watertownwi.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., CWFPP required segregated Replacement Fund, etc.) or financial resources available for repairing or replacing equipment for your wastewater treatment plant and/or collection system?

● Yes (0 points)

○ No (40 points)

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

\$ 1,576,248.82

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

\$ 600,819.32

3.2.3 Adjusted January 1st Beginning Balance

\$ 975,429.50

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

\$ 1,302,074.05

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

- \$ 1,302,074.05

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

\$ 975,429.50

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.

Collections system project engineering & repairs, new turbo blower install and electrical work, new mixers, new lift station pumps, electrical work for new emergency generator, new sludge pump and install, RAS pump rebuild, WAS pump rebuild, facilities planning engineering costs, new spiral sludge heat exchangers

0

3.3 What amount should be in your Replacement Fund? \$ 975,429.50

Please note: If you had a CWWFP loan, this amount was originally based on the Financial Assistance Agreement (FAA) and should be regularly updated as needed. Further calculation instructions and an example can be found by clicking the SectionInstructions link under Info header in the left-side menu.

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	Install new interceptor sewer for new drainage basin development, but only for part of the west side interceptor service area to include an extension to Highway A / River Rd. from Hoffmann Drive.	\$5,000,000	2026
2	GIS enhancements	\$30,000	2025
3	Continuance of hydraulic study for the sanitary sewer service area. Specific drainage basin model updates for areas anticipated to see development.	\$15,000	2025
4	Biosolids dryer, design & installation. To include solar array for electricity generation.	\$5,225,000	2025
5	Alerman lift station engineering & rehab - controls and pumps	\$2,000,000	2025
6	WWTP facilities planning update project engineering, design, and process upgrades (yet to be determined)	\$10,000,000	2025

5. Financial Management General Comments

A sewer rate study is being considered for the 2025 budget to support.

ENERGY EFFICIENCY AND USE

6. Collection System

6.1 Energy Usage

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

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COLLECTION SYSTEM PUMPAGE: Total Power Consumed

Number of Municipally Owned Pump/Lift Stations: 18

	Electricity Consumed (kWh)	Natural Gas Consumed (therms)
January	18,278	
February	14,912	
March	17,297	
April	18,253	
May	15,417	
June	10,833	
July	8,798	
August	9,174	
September	8,724	
October	7,967	
November	9,740	
December	13,750	
Total	153,143	0
Average	12,762	0

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:

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Describe and Comment:

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?

New stand-by emergency generators for Grandview, Riverlawn, and Carlson lift stations are planned for 2024.

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)
January	230,935	104.81	2,203	193.29	1,195	10,877
February	209,585	111.97	1,872	191.52	1,094	11,840
March	225,612	170.40	1,324	201.47	1,120	8,345
April	223,835	145.04	1,543	203.64	1,099	6,835
May	248,200	107.17	2,316	218.55	1,136	4,054
June	242,739	80.59	3,012	187.23	1,296	1,110
July	240,361	75.76	3,173	185.50	1,296	1,047
August	279,924	76.55	3,657	197.66	1,416	1,415
September	254,856	67.10	3,798	176.16	1,447	1,992
October	217,403	78.80	2,759	222.33	978	2,674
November	177,556	73.00	2,432	228.39	777	3,321
December	222,634	76.43	2,913	213.19	1,044	10,462
Total	2,773,640	1,167.62		2,418.93		63,972
Average	231,137	97.30	2,584	201.58	1,158	5,331

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

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- ☒ Nitrification
- ☒ SCADA System
- ☒ UV Disinfection
- ☒ Variable Speed Drives
- ☐ 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?

Possibly solar panels to operate and offset electric consumption for new biosolids dryer.

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:

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Describe and Comment:	

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

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Sanitary Sewer Collection Systems

1. Capacity, Management, Operation, and Maintenance (CMOM) Program

1.1 Do you have a CMOM program that is being implemented?

- ☒ Yes
- ☐ No

If No, explain:

1.2 Do you have a CMOM program that contains all the applicable components and items according to Wisc. Adm Code NR 210.23 (4)?

- ☒ Yes
- ☐ No (30 points)
- ☐ N/A

If No or N/A, explain:

1.3 Does your CMOM program contain the following components and items? (check the components and items that apply)

- ☒ Goals [NR 210.23 (4)(a)]

Describe the major goals you had for your collection system last year:

We continue to push forward a private lateral replacement program. In 2026 Dewey Ave is being completely redone and we hope to have a new private lateral replacement program in place for that project.

Did you accomplish them?

- ☐ Yes
- ☒ No

If No, explain:

Clear water discharge to the sanitary sewer is a violation of the city code 508-8, and should be eliminated entirely; the wastewater utility hopes to move forward with private side lateral replacements in the future to pair with our private lead lateral replacement program, and the annual CIP program pending sufficient funding.

- ☒ 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?

Watertown Municipal Code 508

If you have a Sewer Use Ordinance or other similar document, when was it last reviewed and revised? (MM/DD/YYYY) 2015-06-05

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)]

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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 Managment 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	<div>27.1</div>	% of system/year
Root removal	<div>5</div>	% of system/year
Flow monitoring	<div>10</div>	% of system/year
Smoke testing	<div>0</div>	% of system/year
Sewer line televising	<div>7.5</div>	% of system/year
Manhole inspections	<div>27.1</div>	% of system/year
Lift station O&M	<div>18</div>	# per L.S./year
Manhole rehabilitation	<div>0.5</div>	% of manholes rehabbed
Mainline rehabilitation	<div>0.12</div>	% of sewer lines rehabbed

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Private sewer inspections % of system/year

Private sewer I/I removal % of private services

River or water crossings % 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.

<input type="text" value="31.06"/>	Total actual amount of precipitation last year in inches
<input type="text" value="36.02"/>	Annual average precipitation (for your location)
<input type="text" value="109"/>	Miles of sanitary sewer
<input type="text" value="18"/>	Number of lift stations
<input type="text" value="0"/>	Number of lift station failures
<input type="text" value="0"/>	Number of sewer pipe failures
<input type="text" value="0"/>	Number of basement backup occurrences
<input type="text" value="14"/>	Number of complaints
<input type="text" value="3.1996"/>	Average daily flow in MGD (if available)
<input type="text" value="10.433"/>	Peak monthly flow in MGD (if available)
<input type="text"/>	Peak hourly flow in MGD (if available)

3.2 Performance ratios for the past year:

<input type="text" value="0.00"/>	Lift station failures (failures/year)
<input type="text" value="0.00"/>	Sewer pipe failures (pipe failures/sewer mile/yr)
<input type="text" value="0.00"/>	Sanitary sewer overflows (number/sewer mile/yr)
<input type="text" value="0.00"/>	Basement backups (number/sewer mile)
<input type="text" value="0.13"/>	Complaints (number/sewer mile)
<input type="text" value="3.3"/>	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:

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During normal or dry times, even this past year being hot and dry, we average approximately 1,000,000 gallons per day of clear water infiltration into the sanitary sewer system. This number comes from the daily drinking water numbers vs the wastewater influent numbers.

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:

When it rains more than 2" a day our flows spike - look at February 26 - 28th as an example. We got 1.82" of rain and the flows went from 3.6 MGD to 10.4 MGD in a few hours. Flows did not get back down to 3.6 MGD until early May; more than 2 months later.

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

Not much if anything has changed regarding the amount of I/I we have entering the sanitary sewer system during wet weather events.

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

While the details need to be worked out, we continue to discuss moving forward with private lateral inspections and disconnections of the drain tiles to the sanitary laterals with development of a new private sanitary lateral replacement program.

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

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Grading Summary

WPDES No: 0028541

SECTIONS	LETTER GRADE	GRADE POINTS	WEIGHTING FACTORS	SECTION POINTS
Influent	F	0	3	0
BOD/CBOD	A	4	10	40
TSS	A	4	5	20
Ammonia	A	4	5	20
Phosphorus	A	4	3	12
Biosolids	A	4	5	20
Staffing/PM	A	4	1	4
OpCert	A	4	1	4
Financial	A	4	1	4
Collection	A	4	3	12
TOTALS			37	136
GRADE POINT AVERAGE (GPA) = 3.68				

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

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Resolution or Owner's Statement

Name of Governing Body or Owner:	City of Watertown Common Council
Date of Resolution or Action Taken:	2024-06-18
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 = F

Watertown hired Applied Technologies Inc., to update the wastewater facilities plan. The results of the plan updates will be available later in 2024; after which we will review and discuss with the Public Works Commission members and take any necessary action pending available funds. Even with the high influent BOD loadings, the plant effluent met permit limits all of 2023.

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 = A

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)

Watertown continues to support staff at the treatment facility with equipment and infrastructure improvements when and where necessary; pending available funding.

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. = 3.68

**RESOLUTION FOR
WASTEWATER UTILITY
2023 COMPLIANCE MAINTENANCE ANNUAL REPORT**

**SPONSOR: ALDERPERSON BOARD
FROM: PUBLIC WORKS COMMISSION**

WHEREAS, it is a requirement under the Wisconsin Pollutant Discharge Elimination System permit issued by the Wisconsin Department of Natural Resources (WDNR) to complete the Compliance Maintenance Annual Report (CMAR), referenced in Wisconsin Administrative Code NR 208; and,

WHEREAS, the CMAR is a yearly report which evaluates the physical condition, treatment performance, remaining capacity, financial stability, and the sanitary collection system of the City of Watertown’s Wastewater Treatment Plant; and,

WHEREAS, by completing the CMAR for 2023, problems within the entire wastewater treatment system are identified and action can be taken to address these problems; and,

WHEREAS, the WDNR requires that the City of Watertown governing body has acknowledged and reviewed the CMAR by resolution prior to the final submission of the report; and,

WHEREAS, the Public Works Commission has recommended the following action regarding the influent BOD design exceedance for loading. To continue working with our engineering consultant who is actively engaged with the facilities plan update regarding the plant design parameters for BOD, and to continue supporting the wastewater utility staff with equipment and infrastructure improvements when and where necessary, pending available funding.

NOW, THEREFORE, BE IT RESOLVED BY THE COMMON COUNCIL OF THE CITY OF WATERTOWN, WISCONSIN that the proper City Officials be and are hereby authorized to approve and adopt a resolution so staff can complete the submission of the CMAR to the Wisconsin Department of Natural Resources.

	YES	NO
DAVIS		
LAMPE		
BOARD		
BARTZ		
BLANKE		
SMITH		
SCHMID		
WETZEL		
MOLDENHAUER		
MAYOR MCFARLAND		
TOTAL		

ADOPTED June 18, 2024

CITY CLERK

APPROVED June 18, 2024

MAYOR

To: Public Works
From: Mark Stevens
Date: June 10, 2024
RE: Fire Station Pkg #03 Overhead Doors

As stated in April, the intention is to finalize the remaining packages of bids in July once the work on exchanging of unsuitable soils and dewatering is completed to know the impact of contractor allowances on our contingency. Considering a lead time of 20+ weeks on overhead doors, Maas Bros has requested that we determine a direction on the overhead doors to get an order placed.

The base bid includes fast-fold doors for the four first-out bays. This is from Reliable Dock & Door. If the decision were to add four fast-fold doors to the rear for ingress return to the station, the low bid would be from Overhead Door of Milwaukee. Alternatively, if the four fast-fold doors in the base bid were to be replaced with sectional doors to match others, the low bid would be from Overhead Door of Milwaukee. Also, a cheaper alternate door bid was provided by Overhead Door of Milwaukee.

With a recent review of the future decisions yet to be made (storage building, site paving) and current contingency balance, it is the recommendation of the fire chief, mayor, and finance director that the base bid that includes four fast-folding egress doors be the appropriate decision.

Watertown Fire Department - ReBid Tabulation - 04/23/2024

Bid Package #09 - Overhead Doors	Base Bid		
Reliable Dock & Door	\$678,850		
Overhead Door of Milwaukee	\$739,749		Includes 4 fast-folding doors
		+ / - to Base	Lowest Bid
<u>Alternate #03A</u>			
Add four fast-folding doors	\$765,249	\$86,399	Overhead Door of MKE & Hady Electric addtn
<u>Alternate #03B</u>			
Remove four fast-folding doors	\$514,474	-\$164,376	Overhead Door of MKE
<u>Alternate #03C</u>			
Change to alternate sectional door	\$449,974	-\$228,876	Overhead Door of MKE