



City of Appleton

100 North Appleton Street
Appleton, WI 54911-4799
www.appleton.org

Meeting Agenda - Final Utilities Committee

Tuesday, March 12, 2024

4:30 PM

Council Chambers, 6th Floor

1. Call meeting to order
2. Pledge of Allegiance
3. Roll call of membership
4. Approval of minutes from previous meeting
[24-0257](#) Approval of the January 23, 2024 Utilities Committee Meeting Minutes.

Attachments: [January 23, 2024 Utilities Committee Meeting Minutes.pdf](#)
5. **Public Hearing/Appearances**
6. **Action Items**

[24-0258](#) Approve 2023 Annual Stormwater Report to DNR.

Attachments: [2023 MS4 Annual Report_03-12-2024 Util Committee.pdf](#)

[24-0259](#) Award Single Source K-24 Native Landscape Management Contract to NES Ecological Services - A Division of Robert E. Lee & Associates, in an amount not to exceed \$192,345.12.

Attachments: [K-24 contract award util memo 03-12-2024 Final.pdf](#)

[24-0263](#) Award the 2024 Ash Tree Removal Contract to Foley's Tree Service, LLC in an amount not to exceed \$375,000.

Attachments: [Ash Tree Removal Contract Award.pdf](#)

[24-0265](#) Award Appleton Water Treatment Facility Clearwell Repairs Project Base Bid to August Winter and Sons, Inc. in the amount of \$242,000 with 20% contingency of \$48,400 for a project total not to exceed \$290,400.

Attachments: [240308_UC Memo AWTF Clearwell Repair Award_AWS.pdf](#)

7. Information Items

[24-0264](#) City of Appleton Lead and Galvanized Service Replacement Program Update.

Attachments: [Lead and Galvanized Service Update.pdf](#)

[24-0262](#) Water Distribution and Meter Team Monthly Report - January and February 2024

Attachments: [1 - January 2024 Water Main Breaks .pdf](#)

[2 - February 2024 Water Main Breaks.pdf](#)

8. Adjournment

Notice is hereby given that a quorum of the Common Council may be present during this meeting, although no Council action will be taken.

Reasonable Accommodations for Persons with Disabilities will be made upon Request and if Feasible.

For questions on the agenda, contact Chris Stempa at 920-832-5945 or Danielle Block at 920-832-6474.



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Meeting Minutes - Final Utilities Committee

Tuesday, January 23, 2024

4:30 PM

Council Chambers, 6th Floor

1. Call meeting to order

Aldersperson Meltzer called the Utilities Committee meeting to order at 4:30 p.m.

2. Pledge of Allegiance

3. Roll call of membership

Present: 5 - Meltzer, Del Toro, Doran, Firkus and Siebers

4. Approval of minutes from previous meeting

[24-0075](#)

Approval of the December 12, 2023 Utilities Committee Meeting minutes.

Attachments: [December 12, 2023 Utilities Committee Meeting Minutes.pdf](#)

Siebers moved, seconded by Firkus, that the December 12, 2023 Utilities Committee Meeting Minutes be approved. Roll Call. Motion carried by the following vote:

Aye: 5 - Meltzer, Del Toro, Doran, Firkus and Siebers

5. Public Hearing/Appearances

6. Action Items

[24-0076](#)

Sole Source Engineering Services Contract to McMahon Associates as part of the 2024 Aeration Process Upgrades Project in the amount of \$64,500 with a 12% contingency of \$7,740 for a Project Total not to exceed \$72,240.

Attachments: [240119_UC Sole Source Memo_AerationProcessUpgradesMcMahon.pdf](#)
[20240118 Aeration Process Upgrades Project.pdf](#)

Firkus moved, seconded by Del Toro, that the Sole Source Engineering Services Contract to McMahon Associates as part of the 2024 Aeration Process Upgrades Project in the amount of \$64,500 with a 12% contingency of \$7,740 for a project total cost not to exceed \$72,240 be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 5 - Meltzer, Del Toro, Doran, Firkus and Siebers

[24-0077](#)

Award Final Clarifier Tank Underdrain and Tank Drain Rehabilitation Contract to Sabel Mechanical in the amount of \$44,411 with 15% contingency of \$6,662 for a project total not to exceed \$51,073.

Attachments: [240119_Memo_Final Clarifier Underdrain_Rehab Contract_Sabel.pdf](#)

Firkus moved, seconded by Siebers, that the Final Clarifier Tank Underdrain and Tank Drain Rehabilitation Contract to Sabel Mechanical in the amount of \$44,411 with a 15% contingency of \$6,662 for a project total cost not to exceed \$51,073 be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 5 - Meltzer, Del Toro, Doran, Firkus and Siebers

[24-0088](#)

Sole Source purchase of Final Clarifier Tank Underdrain and Tank Drain Pumps, Pump Rail Guide Systems, and Miscellaneous Pump Fittings from Quality Flow Systems in the amount of \$89,960 with a 5% contingency of \$4,500 for a total not to exceed \$94,460.

Attachments: [240119_Memo_Final Clarifier Underdrain Pump Purchase.pdf](#)
[011924 Quality Flow Systems Sole Source Request.pdf](#)

Firkus moved, seconded by Doran, that the Final Clarifier Tank Underdrain and Tank Drain Pumps, Pump Rail Guide Systems, and Miscellaneous Pump Fittings from Quality Flow Systems in the amount of \$89,960 with a 5% contingency of \$4,500 for a total not to exceed cost of \$94,460 be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 5 - Meltzer, Del Toro, Doran, Firkus and Siebers

7. Information Items

[24-0078](#)

2021 Sludge Storage Addition Project Engineering Services Amendment #2 increasing the Applied Technologies, Inc. total contract amount by \$7,500 from \$529,339 to \$536,839 and decrease unallocated contingency from \$44,857 to \$37,357.

Attachments: [240119_UC Memo_SSB Addition Professional Services ATI Contract Amend No.2.pdf](#)

This item was presented.

[24-0079](#)

Monthly Reports for October, November, and December 2023:

- Wastewater Treatment Plant Synopsis and Receiving Station Revenue Report
- Water Treatment Facility Synopsis
- Water Distribution and Meter Team Monthly Report - November and December

Attachments: [2023 Q4 Wastewater Treatment Plant Synopsis.pdf](#)
[Receiving Station Revenue Report.pdf](#)
[2023 Q4 Water Plant Synopsis.pdf](#)
[11- November 2023 Water Main Breaks.pdf](#)
[12 - December 2023 Water Main Breaks.pdf](#)

The reports were reviewed.

The Wastewater Treatment Plant Synopsis and Water Treatment Facility Synopsis will now be changed to an annual report rather than being presented quarterly.

8. Adjournment

Siebers moved, seconded by Firkus, that the Utilities Committee Meeting be adjourned at 4:41 p.m.. Roll Call. Motion carried by the following vote:

Aye: 5 - Meltzer, Del Toro, Doran, Firkus and Siebers

Submittal of Annual Reports and Other Compliance Documents for Municipal Separate Storm Sewer System (MS4) Permits

NOTE: Missing or incomplete fields are highlighted at the bottom of each page. You may save, close and return to your draft permit as often as necessary to complete your application. After 120 days your draft is **deleted**.

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Form 3400-224(R8/2021)

Reporting Information :

Will you be completing the Annual Report or other submittal type? Annual Report Other

Project Name: 2023 Annual Report

County: Outagamie

Municipality: Appleton City

Permit Number: S050075

Facility Number: 31098

Reporting Year: 2023

Is this submittal also satisfying an Urban Nonpoint Source Grant funded deliverable? Yes No

Required Attachments and Supplemental Information

Please complete the contents of each tab to submit your MS4 permit compliance document. The information included in this checklist is necessary for a complete submittal. A complete and detailed submittal will help us review about your MS4 permit document. To help us make a decision in the shortest amount of time possible, the following information must be submitted:

Annual Report

- Review related web site and instructions for [Municipal storm water permit eReporting](#) [Exit Form]
- Complete all required fields on the annual report form and upload required attachments
- Attach the following other supporting documents as appropriate using the attachments tab above
 - Public Education and Outreach Annual Report Summary
 - Public Involvement and Participation Annual Report Summary
 - Illicit Discharge Detection and Elimination Annual Report Summary
 - Construction Site Pollution Control Annual Report Summary
 - Post-Construction Storm Water Management Annual Report Summary
 - Pollution Prevention Annual Report Summary
 - Leaf and Yard Waste Management
 - Municipal Facility (BMP) Inspection Report
 - Municipal Property SWPPP
 - Municipally Property Inspection Report
 - Winter Road Maintenance
 - Storm Sewer Map Annual Report Attachment
 - Storm Water Quality Management Annual Report Attachment

- TMDL Attachment
 - Storm Water Consortium/Group Report
 - Municipal Cooperation Attachment
 - Other Annual Report Attachment
-
- Attach the following permit compliance documents as appropriate using the attachments tab above
 - Storm Water Management Program
 - Public Education and Outreach Program
 - Public Involvement and Participation Program
 - Illicit Discharge Detection and Elimination Program
 - Construction Site Pollutant Control Program
 - Post-Construction Storm Water Management Program
 - Pollution Prevention Program
 - Municipal Storm Water Management Facility (BMP) Inventory
 - Municipal Storm Water Management Facility (BMP) Inspection and Maintenance Plan
 - Total Maximum Daily Load documents (**If applicable, see permit for due dates.*)
 - TMDL Mapping*
 - TMDL Modeling*
 - TMDL Implementation Plan*
 - Fecal Coliform Screening Parameter *
 - Fecal Coliform Inventory and Map (*S050075-03 general permittees Appendix B B.5.2 – document due to the department by March 31, 2022*)
 - Fecal Coliform Source Elimination Plan (*S050075-03 general permittees Appendix B - document due to the department by October 31, 2023*)
-
- Sign and Submit form

Municipal Contact Information- Complete

Notice: Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (Department) by March 31 of each year to report on activities for the previous calendar year ("reporting year"). This form is being provided by the Department for the user's convenience for reporting on activities undertaken in each reporting year of the permit term. Personal information collected will be used for administrative purposes and may be provided to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

Note: Compliance items must be submitted using the Attachments tab.

Municipality Information

Name of Municipality Appleton City

Facility ID # or (FIN): 31098

Updated Information: Check to update mailing address information

Mailing Address: 100 North Appleton Street

Mailing Address 2:

City: Appleton City

State: WI

Zip Code: 54911 xxxxx or xxxxx-xxxx

Primary Municipal Contact Person (Authorized Representative for MS4 Permit)

The "Authorized Representative" or "Authorized Municipal Contact" includes the municipal official that was charged with compliance and oversight of the permit conditions, and has signature authority for submitting permit documents to the Department (i.e., Mayor, Municipal Administrator, Director of Public Works, City Engineer).

Select to **create new** primary contact

First Name: Danielle

Last Name: Block

Select to **update** current contact information

Title: DPW Director

Mailing Address: 100 N. Appleton Street

Mailing Address 2:

City: Appleton

State: WI

Zip Code: 54911 xxxxx or xxxxx-xxxx

Phone Number: 920-832-6474 Ext: xxx-xxx-xxxx

Email: danielle.block@appleton.org

Additional Contacts Information (Optional)

I&E Program

**Individual with responsibility for:
(Check all that apply)**

- IDDE Program
- IDDE Response Procedure Manual
- Municipal-wide Water Quality Plan
- Ordinances
- Pollution Prevention Program
- Post-Construction Program
- Winter roadway maintenance

First Name:

Last Name:

Title:

Mailing Address:

Mailing Address 2:

City:

State:

Zip Code: xxxxx or xxxxx-xxxx

Phone Number: Ext: xxx-xxx-xxxx

Email:

Municipal Billing Contact Person (Authorized Representative for MS4 Permit)

Select to **create new** Billing contact

First Name:

Last Name:

Select to **update** current contact information

Title:

Mailing Address:

Mailing Address 2:

City:

State:

Zip Code: xxxxx or xxxxx-xxxx

Phone Number: Ext: xxx-xxx-xxxx

Email:

1. Does the municipality rely on another entity to satisfy some of the permit requirements?

Yes No

Public Education and Outreach Fox Wolf Watershed Alliance and Northeast Wisconsin Stormwater Consortium

Public Involvement and Participation Fox Wolf Watershed Alliance and Northeast Wisconsin Stormwater Consortium

Illicit Discharge Detection and Elimination Westwood Professional Services

- Construction Site Pollutant Control _____
- Post-Construction Storm Water Management raSmith and Brown and Caldwell _____
- Pollution Prevention

2. Has there been any changes to the municipality's participation in group efforts towards permit compliances (i.e., the municipality has added or dropped consortium membership)?

- Yes No

Missing Information

Do not close your work until you **SAVE**.

Note: For the minimum control measures, you must fill out all questions in sections 1 through 7.

Form 3400-224 (R8/2021)

Minimum Control Measures- Section 1 : Complete

1. Public Education and Outreach

- a. Does MS4 conduct any educational efforts or events independently (not with a group) Yes No
- b. How many total educational events were held during the reporting year:
- c. Were any of the public education and outreach delivery mechanisms conducted during the reporting year active or interactive? Yes No
- d. Please select all storm water topics, target audiences, and delivery mechanisms used in the reporting year

Public Education and Outreach Delivery Mechanisms (Active and Passive)	
Active/Interactive Mechanisms	Passive Mechanisms
<input checked="" type="checkbox"/> Education activities (school presentations, summer camps)	<input type="checkbox"/> Passive print media (brochures at front desk, posters, etc.)
<input checked="" type="checkbox"/> Information booth at event	<input checked="" type="checkbox"/> Distribution of print media (mailings, newsletters, etc.) via mail or email.
<input checked="" type="checkbox"/> Targeted group training (contractors, consultants, etc.)	<input type="checkbox"/> Media offerings (radio and TV ads, press release, etc.)
<input type="checkbox"/> Government event (public hearing, council meeting)	<input type="checkbox"/> Social media posts
<input checked="" type="checkbox"/> Workshops	<input checked="" type="checkbox"/> Signage
<input type="checkbox"/> Tours	<input type="checkbox"/> Website
<input type="checkbox"/> Other: <input type="text" value="One on One, plan review, cleanup"/>	<input type="checkbox"/> Other: <input type="text"/>

Topics Covered	Target Audience
<input checked="" type="checkbox"/> Illicit discharge detection and elimination	<input checked="" type="checkbox"/> General Public
<input checked="" type="checkbox"/> Household hazardous waste disposal/pet waste management/vehicle washing	<input type="checkbox"/> Public Employees
<input checked="" type="checkbox"/> Yard waste management/pesticide and fertilizer application	<input checked="" type="checkbox"/> Residents
<input checked="" type="checkbox"/> Stream and shoreline management	<input checked="" type="checkbox"/> Businesses
<input checked="" type="checkbox"/> Residential infiltration	<input checked="" type="checkbox"/> Contractors
<input checked="" type="checkbox"/> Construction sites and post-construction storm water management	<input checked="" type="checkbox"/> Developers
<input checked="" type="checkbox"/> Pollution prevention	<input type="checkbox"/> Industries
<input checked="" type="checkbox"/> Green infrastructure/low impact development	<input type="checkbox"/> Public Officials
<input type="checkbox"/> Other: <input type="text"/>	<input checked="" type="checkbox"/> Other: <input type="text" value="Students"/>

- e. Will additional information/summary of these education events be attached to the annual report? Yes No

If no, please provide additional comment in the brief explanation box below. *Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Total number of education events is approximate. One on one communication is not tracked.

Missing Information

Do not close your work until you SAVE.

Note: For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

Minimum Control Measures - Section 2 : Complete

2. Public Involvement and Participation

a. Permit Activities. Select all of the following topics the Permittee did to engage public participation and involvement.

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
<input checked="" type="checkbox"/> MS4 Annual Report <input checked="" type="checkbox"/> Storm Water Management Program <input type="checkbox"/> Storm Water related ordinance <input type="checkbox"/> Other: <input type="text"/>	<input checked="" type="checkbox"/> General Public <input checked="" type="checkbox"/> Public Employees <input type="checkbox"/> Residents <input type="checkbox"/> Businesses <input type="checkbox"/> Contractors <input type="checkbox"/> Developers <input type="checkbox"/> Industries <input checked="" type="checkbox"/> Public Officials <input type="checkbox"/> Other	11-50	<input type="radio"/> Yes <input checked="" type="radio"/> No

b. Volunteer Activities. Select all of the following audiences targeted for volunteer involvement and participation related to storm water.

NA (Individual Permittee)

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
Volunteer Opportunity	<input checked="" type="checkbox"/> General Public <input checked="" type="checkbox"/> Public Employees <input checked="" type="checkbox"/> Residents <input checked="" type="checkbox"/> Businesses <input type="checkbox"/> Contractors <input type="checkbox"/> Developers <input type="checkbox"/> Industries <input type="checkbox"/> Public Officials <input type="checkbox"/> Other	101 +	<input checked="" type="radio"/> Yes <input type="radio"/> No

c. Brief explanation on Public Involvement and Participation reporting. *Limit response to 250 characters and/or attach supplemental information on the attachments page.*

See attached.

Missing Information

Do not close your work until you SAVE.

Note: For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

Minimum Control Measures - Section 3 : Complete

3. Illicit Discharge Detection and Elimination

- a. How many total outfalls does the municipality have?
- b. How many outfalls did the municipality evaluate as part of their routine ongoing field screening program?
- c. From the municipality's routine screening, how many were confirmed illicit discharges?
- d. How many illicit discharge complaints did the municipality receive?
- e. From the complaints received, how many were confirmed illicit discharges?
- f. How many of the identified illicit discharges did the municipality eliminate in the reporting year (from both routine screening and complaints)?

(If the sum of 3.c. and 3.e. does not equal 3.f., please explain below.)

- g. What types of regulatory mechanisms does the municipality have available to compel compliance with this program? Check all that are available and how many times each were used in the reporting year.

- Verbal Warning
- Written Warning (including email)
- Notice of Violation
- Civil Penalty/ Citation

Additional Information: _____

- h. Brief explanation on Illicit Discharge Detection and Elimination reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Ammonia at CC-97 from groundwater contamination at WWTP. Conductivity locations likely from winter salt. Detergents likely from residential car washing.

Missing Information

Do not close your work until you SAVE.

Note: For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

Minimum Control Measures - Section 4 : Complete

4. Construction Site Pollutant Control

- a. How many total construction sites with one acre or more of land disturbing construction activity were active at any point in the reporting year?
- b. How many construction sites with one acre or more of land disturbing construction activity did the municipality issue permits for in the reporting year?
- c. How many erosion control inspections did the municipality complete in the reporting year (at sites with one acre or more of land disturbing construction activity)?

d. What types of regulatory mechanisms does the municipality have available to compel compliance with this program? Check all that are available and how many times each were used in the reporting year.

- Verbal Warning
- Written Warning (including email)
- Notice of Violation
- Civil Penalty/ Citation
- Stop Work Order
- Forfeiture of Deposit
- Other - Describe below

e. Brief explanation on Construction Site Pollutant Control reporting . *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Staff and procedures consistent with 2022. Erosion Control Inspector moved from Public Works to Community Development Department.

Missing Information

Do not close your work until you **SAVE**.

Note: For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

Minimum Control Measures - Section 5 : Complete

5. Post-Construction Storm Water Management

- a. How many new structural storm water management Best Management Practice (BMP) have received local approval ?
*Engineered and constructed systems that are designed to provide storm water quality control such as wet detention ponds, constructed wetlands, infiltration basins, grassed swales, permeable pavement,
- b. Does the MS4 have procedures for inspecting and maintaining private storm water facilities? Yes No
- c. If Yes, how many privately owned storm water management facilities were

inspected in the reporting year ? Inspections completed by private landowners should be included in the reported number.

d. Does the municipality utilize privately owned storm water management BMP in its pollutant reduction analysis? Yes No

e. Does MS4 have maintenance authority on these privately owned BMPs?

Yes recorded easements and ordinance in place

f. How many municipally operated (private) storm water management BMPs were inspected in the reporting year? 250

g. What types of enforcement actions does the municipality have available to compel compliance with the regulatory mechanism? Check all that apply and enter the number of each used in the reporting year.

- | | |
|---|----|
| <input checked="" type="checkbox"/> Verbal Warning | 20 |
| <input checked="" type="checkbox"/> Written Warning (including email) | 20 |
| <input checked="" type="checkbox"/> Notice of Violation | 47 |
| <input checked="" type="checkbox"/> Civil Penalty/ Citation | 0 |
| <input type="checkbox"/> Forfeiture of Deposit | |
| <input checked="" type="checkbox"/> Complete Maintenance | 0 |
| <input checked="" type="checkbox"/> Bill Responsible Party | 0 |
| <input type="checkbox"/> Other - Describe below | |

e. Brief explanation on Post-Construction Storm Water Management reporting . *If marked 'Unsure' on any questions above, justify your reasoning. Limit your response to 250 characters and/or attach supplemental information on the attachments page.*

Item f is for municipal BMPs. Verbal and written warnings are not tracked and reported numbers are approximate.

Missing Information

Do not close your work until you **SAVE**.

Note: For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

Minimum Control Measures - Section 6 : Complete

6. Pollution Prevention

Storm Water Management Best Management Practice Inspections Not Applicable

a. Enter the total number of municipally owned or operated (i.e., privately owned BMPs) structural storm water management best management practices. 250

- b. How many new municipally owned storm water management best management practices were installed in the reporting year?
- c. How many municipally owned (public) storm water management best management practices were inspected in the reporting year?
- d. What elements are looked at during inspections (250 character limit)?

sediment depth, trash, bank stability, inlet/outlet structures, vegetation, erosion

- e. How many of these facilities required maintenance?

- f. Brief explanation on Storm Water Management Best Management Practice inspection reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Inspection and maintenance programs have experienced significant staff changes in 2023 but remain generally on schedule

Public Works Yards & Other Municipally Owned Properties that require a stormwater pollution prevention plan (SWPPP)* Not Applicable

- g. How many municipal properties require a SWPPP?

- h. How many inspections of municipal properties have been conducted in the reporting year?

- i. Have amendments to the SWPPPs been made?
 Yes No

- j. If yes, describe what changes have been made. Limit response to 250 characters and/or attach supplemental information on the attachment page:

- k. Brief explanation on Storm Water Pollution Prevention Plan reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

DPW provides inspection for Facilities/Parks/Rec and Reid Golf Course. Utilities Department provides inspection for Water and Wastewater plants.

* Any municipally owned property that has the potential to generate stormwater pollution should have a SWPPP. For example, if a municipal property stores compost piles, material storage, yard wastes, etc., outside and can contaminate stormwater runoff—a SWPPP is required.

Collection Services - *Street Sweeping Program* Not Applicable

- l. Did the municipality conduct street sweeping during the reporting year?
 Yes No

- m. If known, how many tons of material was removed?

- n. Does the municipality have a [low hazard exemption](#) for this material? Yes No

- o. If street sweeping is identified as a storm water best management practice in the pollutant loading analysis, was street cleaning completed at the assumed frequency?

Yes - Explain frequency Per Table 3-2 Citywide Stormwater Management Plan

- No - Explain _____
- Not Applicable

Collection Services - *Catch Basin Sump Cleaning Program* Not Applicable

- p. Did the municipality conduct catch basin sump cleaning during the reporting year? Yes No
- q. How many catch basin sumps were cleaned in the reporting year?
- r. If known, how many tons of material was collected?
- s. Does the municipality have a low hazard exemption for this material? Yes No
- t. If catch basin sump cleaning is identified as a storm water best management practice in the pollutant loading analysis, was cleaning completed at the assumed frequency?
 Yes- Explain frequency Inspect all yrly clean as needed per measure down
 No - Explain _____
 Not Applicable

Collection Services - *Leaf Collection Program* Not Applicable

- u. Does the municipality conduct curbside leaf collection? Yes No
- v. Does the municipality notify homeowners about pickup? Yes No
- w. Where are the residents directed to store the leaves for collection?
 Pile on terrace Pile in street Bags on terrace
 Other - Describe _____
- x. What is the frequency of collection?
Every other week, 3 cycles
- y. Is collection followed by street sweeping? Yes No
- z. Brief explanation on Collection Services reporting. *Limit response to 250 characters and/or attach supplemental information on the attachments page*

Winter Road Management Not Applicable

*Note: We are requesting information that goes beyond the reporting year, answer the best you can.

- aa. How many lane-miles of roadway is the municipality responsible for doing snow and ice control? (*One mile of a two-way road equals two lane miles.*)
- ab. Provide amount of de-icing products used by month last winter season?
 Solids (tons) (ex. sand, or salt-sand)

Product	Oct	Nov	Dec	Jan	Feb	Mar
Salt	<input type="text" value="0"/>	<input type="text" value="143"/>	<input type="text" value="602"/>	<input type="text" value="735"/>	<input type="text" value="1,045"/>	<input type="text" value="575"/>

Liquids (gallons) (ex. brine)

	Oct	Nov	Dec	Jan	Feb	Mar
<u>Brine</u>	1,200	2,944	17,171	10,825	18,289	10,866

- ac. Was salt applying machinery calibrated in the reporting year? Yes No
- ad. Have municipal personnel attended salt reduction strategy training in the reporting year? Yes No

Training Date	Training Name	# Attendance
10/12/2023	Oshkosh Salt Wise Open House	2
9/21/2023	City Snow and Ice Training	14
9/26/2023	City Snow and Ice Training	19

- ae. Brief explanation on Winter Road Management reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page*

Program consistent with previous years.

Internal (Staff) Education & Communication

- af. Has the municipality provided an opportunity for internal training or education to staff implementing the municipality's procedures for each of the pollution prevention program element? Yes No

If yes, describe what training was provided (250 character limit):

- ag. Describe how the municipality has kept the following local officials and municipal staff aware of the municipal storm water discharge permit programs, procedures and pollution prevention program requirements.

Elected Officials

Presentations to Utilities Committee as needed throughout the year

Municipal Officials

Presentations to Utilities Committee as needed throughout the year

Appropriate Staff (such as operators, Department heads, and those that interact with public)

Monthly staff and workgroup meetings

- ah. Brief explanation on Internal Education reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Pollution Prevention Training for Operations staff not held due to retirements and turnover. Training is back on schedule for 2024.

Missing Information

Do not close your work until you **SAVE**.

Note: For the minimum control measures, you must fill out all questions in sections 1 through 7

Minimum Control Measures - Section 7 : Complete**7. Storm Sewer System Map**

- a. Did the municipality update their storm sewer map this year?

Yes No

If yes, check the areas the map items that got updated or changed:

Storm water treatment facilities

Storm pipes

Vegetated swales

Outfalls

Other - Describe below

- b. Brief explanation on Storm Sewer System Map reporting. *If you marked Unsure for an question for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Missing Information

Do not close your work until you SAVE.

Form 3400-224 (R8/2021)

Final Evaluation - Complete

Fiscal Analysis

Complete the fiscal analysis table provided below. For municipalities that do not break out funding into permit program elements, please enter the monetary amount to your best estimate of what funding may be going towards these programs.

Annual Expenditure Reporting Year	Budget Reporting Year	Budget Upcoming Year	Source of Funds
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Element: Public Education and Outreach

8,403	8,000	8,000	<u>Storm water utility</u>
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Element: Public Involvement and Participation

1,316	5,000	5,000	<u>Storm water utility</u>
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Element: Illicit Discharge Detection and Elimination

14,175	20,000	25,000	<u>Storm water utility</u>
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Element: Construction Site Pollutant Control

94,108	102,678	113,698	<u>Storm water utility</u>
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Element: Post-Construction Storm Water Management

100,896	100,000	95,000	<u>Storm water utility</u>
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Element: Pollution Prevention

1,712,987	1,564,840	1,886,650	<u>Storm water utility</u>
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Other (describe)

Mapping, Annual Report, DNR fee		
---------------------------------	--	--

15,000	12,600	15,000	<u>Storm water utility</u>
--------	--------	--------	----------------------------

Please provide a justification for a "0" entered in the Fiscal Analysis. *Limit response to 250 characters.*

"Other" is not tracked and is an estimate

Water Quality

a: Were there any known water quality improvements in the receiving waters to which the

municipality's storm sewer system directly discharges to?

Yes No Unsure If Yes, explain below:

b: Were there any known water quality degradation in the receiving waters to which the municipality's storm sewer system directly discharges to?

Yes No Unsure If Yes, explain below:

c: Have any of the receiving waters that the municipality discharges to been added to the impaired waters list during the reporting year?

Yes No Unsure

d: Has the municipality evaluated their storm water practices to reduce the pollutants of concern?

Yes No Unsure

Storm Water Quality Management

a. Has the municipality completed or updated modeling in the reporting year (relating to developed urban area performance standards of s. NR 151.13(2)(b)1., Wis. Adm. Code)? Yes No

b. If yes, enter percent reduction in the annual average mass discharging from the entire MS4 to surface waters of the state as compared to implementing no storm water management controls:

Total suspended solids (TSS)

Total phosphorus (TP)

Status of Total Maximum Daily Loads (TMDLs) Implementation

The permittee Appleton City is subject to the following approved TMDLs: Lower Fox River Basin and Lower Green Bay; Upper Fox and Wolf River Basin

The permittee intends to comply with the following permit requirements to show progress towards meeting the TMDL:

[A.3.1] The Permittee is following the TMDL Compliance Plan, which received department concurrence prior to April 30, 2019.

The permittee is confirming that all planned efforts are on schedule.

Agree Disagree

An attached explanation is required.

Additional Information

Based on the municipality's storm water program evaluation, describe any proposed changes to the municipality's storm water program. *If your response exceeds the 250 character limit, attach supplemental information on the attachments page.*

No changes are proposed at this time.

Do not close your work until you SAVE.

--	--	--	--	--	--	--

Form 3400-224 (R8/2021)

Requests for Assistance on Understanding Permit Programs

Would the municipality like the Department to contact them about providing more information on understanding any of the Municipal Separate Storm Sewer Permit programs?

Please select all that apply:

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Pollutant Control
- Post-Construction Storm Water Management
- Pollution Prevention
- Storm Water Quality Management
- Storm Sewer System Map
- Water Quality Concerns
- Compliance Schedule Items Due
- MS4 Program Evaluation

Do not close your work until you **SAVE**.

Form 3400-224(R8/2021)

Required Attachments and Supplemental Information

Any other MS4 program information for inclusion in the Annual Report may be attached on here. Use the Add Additional Attachments to add multiple documents.

Upload Required Attachments (15 MB per file limit) - [Help reduce file size and trouble shoot file uploads](#)

*Required Item

Note: To replace an existing file, use the 'Click here to attach file ' link or press the to delete an item.

TMDL Status Explanation



2023 TMDL implementation
for MS4 Report.pdf
PDF File
49.7 KB

Attach - Other Supporting Documents

AR IDDE

File Attachment

[Appleton Summary Report 2023 Part 1.pdf](#)

AR IDDE

File Attachment

[Appleton Summary Report 2023 Part 2.pdf](#)

AR IP

File Attachment

[2023 Public Participation completed activities.pdf](#)

AR EO

File Attachment

[2023 I&E Completed Activities.pdf](#)

AR Other

File Attachment

[2023 staff training combined.pdf](#)

AR SWGroupReport

File Attachment

[NEWSC Annual Report 2023 .pdf](#)

(To remove items, use your cursor to hover over the attachment section. When the drop down arrow appears, select remove item)

Attach - Permit Compliance Documents

(To remove items, use your cursor to hover over the attachment section. When the drop down arrow appears, select remove item)

Missing Information

Draft and Share PDF Report with the permittee's governing body or delegated representatives.

Press the button below to create a PDF. The PDF will be sent to the email address associated with the WAMS ID that is signed in. After the annual report has been reviewed by the governing body or delegated representative, return to the MS4 eReporting System to submit the final report to the DNR.

[Draft and Share PDF Report](#)

Sign and Submit Your Application

Steps to Complete the signature process

1. Read and Accept the Terms and Conditions
2. Press the Submit and Send to the DNR button

NOTE: For security purposes all email correspondence will be sent to the address you used when registering your WAMS ID. This may be a different email than that provided in the application. For information on your WAMS account click [HERE](#).

Terms and Conditions

Certification: I hereby certify that I am an authorized representative of the municipality covered under Appleton City MS4 Permit for which this annual report or other compliance document is being submitted, and that the information contained in this submittal and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.

Signee (must check current role prior to accepting terms and conditions)

- Authorized municipal contact using WAMS ID.
- Delegation of Signature Authority (Form 3400-220) for agent signing on the behalf of the authorized municipal contact.
- Agent seeking to share this item with authorized municipal contact (authorized municipal contact must get WAMS id and complete signature).

Name:

Title:

Authorized Signature.

- I accept the above terms and conditions.

After providing the final authorized signature, the system will send an email to the authorized party and any agents. This email will include a copy to the final read only version of this application.

1	6. Inform and educate those responsible for the design, installation, and maintenance of construction site practices and stormwater management facilities on how to design, install, and maintain the practices.	1. Design consultants 2. Contractors 3. City staff	10. One-on-one communication	X		X		Throughout the year		
2			12. Pre-submittal and Pre-construction meetings	X		X		Throughout the year		
3			18. FWWA Watershed Conference	X		X		Sponsored and on planning committee		
4			19. Plan review	X		X		Several staff attended the conference		
5								ESC and SWM plan review verbal and written discussion		
6								1 by City staff and City's consultants		
7			7. Identify businesses and activities that may pose a stormwater contamination concern, and educate those specific audiences on methods of stormwater pollution prevention.	1. Restaurants 2. Power Washing companies	10. One on One communication with standard inspections by Plumbing and Health Depts	X		X		Throughout the year
2					1. Mailing					Mailing not done due to staff shortage
3					11. NEWSC Exhibiting	X			X	See NEWSC report
4					14. NEWSC school presentation	X			X	See NEWSC report
5								1		
6	8. Promote environmentally sensitive land development designs by developers and designers, including green infrastructure and low impact development.	1. Owners/Developers 2. Designers	10. One-on-one communication	X		X		Discuss individual projects during the year		
7			10. One-on-one communication	X		X		Discuss individual projects throughout theyear		
8			18. Sponsor FWWA Watershed Conference	X		X		Sponsored and participated in planning		
9										
10								1		
								8 Completed topics		
	Passive Mechanisms		Active Mechanisms					6 Number of topics required		
1	1. Mailing	0	10. One-on-One communication	1						
1	2. Newsletter	1	11. NEWSC Exhibiting	1						
3	3. NEWSC Posters	1	12. Meetings	1						
2	4. Website	0	13. Group Training	0						
1	5. Signage	0	14. Presentations	1						
	6. Stormwater Credit Policy Pledge Supporter		15. Summer Camp	0						
			16. River Cleanup	1						
8	Total Passive Mechanisms Used	2	17. Utilities Committee Meeting	0						
			18. Workshops/Conferences	1						
			19. Plan review	1						
	Key:		Total Active Mechanisms Used	7						
	1= used during the year									
	0= not used during the year									
			Required Active Mechanisms	2						

Topics	Year													
	2019		2020		2021		2022		2023					
	Active	Passive	Active	Passive	Active	Passive	Active	Passive	Active	Passive				
1. IDDE	4	2	2	2	5	2	4	2	4	2				
2. HHH, Pets, Vehicles, etc	3	3	2	3	3	3	2	3	2	3				
3. Yard Waste, Pesticide, Fertilizer	3	3	1	3	2	3	2	3	2	3				
4. Stream and Shoreline	3	0	2	0	2	0	2	0	3	0				
5. Residential Infiltration	0	1	0	1	0	1	1	1	2	1				
6. ESC and Post Construction	4	0	4	0	4	0	4	0	4	0				
7. Pollution Prevention	0	1	0	0	0	1	1	2	3	0				
8. Green Infrastructure/Low Impact	3	0	3	0	3	0	3	0	3	0				
Totals	20	10	14	9	19	10	19	11	23	9				

January 2024			
	SECTION 2.2 PUBLIC INVOLVEMENT AND PARTICIPATION		
ACTIVITY	2023		2023 Completed
Annual Report	Target Participants:		
	General Public		
Due to WDNR March 31 each year	Elected Officials		
	Delivery Mechanism:		
	Committee agenda on website		March 3, 2023
	Utilities Committee meeting		March 7, 2023
	Common Council meeting		March 15, 2023
	Date: March		
Stormwater Management Program	Target Participants:		
	General Public		
	Elected Officials		
Move requirement 2.4 Erosion and Sediment Control and portions of 2.3 Illicit Discharge tracking and response from the Department of Public Works to the Community and Economic Development Department	Delivery Mechanism:		
	Committee agenda on website		April 7, 2023
	Human Resources Committee meeting		April 12, 2023
	Common Council meeting		April 19, 2023
	Date: Once per year		
Ordinance Updates	Target Participants:		
	General Public		
Erosion and Sediment Control	Elected Officials		There were no ordinance changes in 2023
	Design Consultants		
Illicit Discharge	Developers		
	Contractors		
Post Construction Stormwater Management	Delivery Mechanism:		
	Committee agenda on website		
	Utilities Committee Presentation		
	Common Council meeting		
	Date: As needed		
Volunteer Activity	Target Participants:		
	General Public		
	City Staff		
	Delivery Mechanism:		
	Sponsor FWWA Cleanup		Sponsored at \$2,500 level
	Date: Spring		May 6, 2023

2023 ANNUAL REPORT



NORTHEAST WISCONSIN STORMWATER CONSORTIUM



2023

ANNUAL REPORT

NEWSC Mission:

To facilitate efficient implementation of stormwater programs locally and regionally that will meet DNR and EPA regulatory requirements and maximize the benefit of stormwater activities to the watershed by:

- Fostering partnerships
- Sharing Information
- Seeking Administrative Efficiency
- Pooling Financial Resources

The Northeast Wisconsin Stormwater Consortium was formed in 2005 as a subsidiary of the Fox-Wolf Watershed Alliance. The consortium is a collaborative of members with leadership elected annually from within its membership.

NORTHEAST WISCONSIN STORMWATER CONSORTIUM

PO Box 1861
Appleton, WI 54912

NEWSC Coordinator: Alyssa Reinke
Email: Alyssa@fwwa.org
Phone: (920)851-4336

2023 NEWSC MEMBERS

Brown County	Town of Grand Chute	University of WI – Oshkosh
Calumet County	Town of Lawrence	
Fond du Lac County	Town of Ledgeview	AECOM
Outagamie County	Town of Neenah	Ayres Associates
Winnebago County	Town of Omro	Brown & Caldwell
	Town of Scott	Cedar Corporation
City of Appleton	Town of Taycheedah	Contech Construction
City of De Pere	Town of Vinland	County Materials
City of Fond du Lac		Davel Engineering
City of Green Bay	Village of Allouez	Mach IV Engineering & Surveying
City of Kaukauna	Village of Ashwaubenon	Martenson & Eisele
City of Manitowoc	Village of Bellevue	Mau & Associates
City of Marinette	Village of Combined Locks	McMAHON Group
City of Menasha	Village of Eden	Mead & Hunt
City of Neenah	Village of Fox Crossing	MSA Professional Services
City of Oshkosh	Village of Greenville	raSmith
City of Two Rivers	Village of Harrison	Robert E. Lee Associates
	Village of Hobart	Ruekert & Mielke
Town of Algoma	Village of Howard	Westwood Professional Services
Town of Black Wolf	Village of Kimberly	
Town of Buchanan	Village of Little Chute	
Town of Clayton	Village of N. Fond du Lac	
Town of Fond du Lac	Village of Sherwood	
Town of Friendship	Village of Suamico	



Renew Our Waters

Every choice counts.

ANNUAL REPORT PART 2: STORMWATER PROGRAM EVALUATION - MINIMUM CONTROL MEASURES

MCM #1 PUBLIC EDUCATION & OUTREACH

Topic #1: Illicit Discharge Detection & Elimination

The resources below were created by NEWSC and are available for NEWSC members to print and mail out to local businesses, share on social media or have available to residents by printing and displayed at the office or other public venue. If used in the in the manner above: Delivery Mechanism would be passive.

Carpet Cleaning Flyer	http://www.renewourwaters.org/wp-content/uploads/2015/04/Professional-Carpet-Cleaning.pdf
Carpet Cleaning Website	http://www.renewourwaters.org/carpet-cleaning-2/
Carpet Cleaning Website Updated	https://fwwa.org/2023/01/18/carpet-cleaning/
Greenhouses, Garden Centers, & Nurseries Fyer	http://www.renewourwaters.org/wp-content/uploads/2015/04/Garden-Centers.pdf
Professional Power Washing Flyer	http://www.renewourwaters.org/wp-content/uploads/2015/04/Power-washing-for-the-professional-washer.pdf
Power Washing Website	http://www.renewourwaters.org/power-washing/
Concrete Washout Flyer	http://www.renewourwaters.org/wp-content/uploads/2015/04/Concrete-Washout.pdf
Construction Site Erosion & Sediment Control	http://www.renewourwaters.org/wp-content/uploads/2019/07/Construction-BMPs-Erosion-Sediment-Control.pdf
Dumpster Management Flyer	http://www.renewourwaters.org/wp-content/uploads/2015/04/Dumpster-Management-bilingual-pamphlet.pdf
Dumpster Managment Poster	https://drive.google.com/file/d/1736Sg155_XWFND0kH4nHq1MQowgiuD8_/view?usp=sharing
Parking Lot Maintenance Flyer	http://www.renewourwaters.org/wp-content/uploads/2015/04/Parking-Lot-BMP.pdf

***Did you have inspectors in your community stop by any businesses this year?
Did they do illicit discharge inspections and meet with area businesses about illicit discharge?
If so, you can record those interactions as active outreach.***

MCM #1 PUBLIC EDUCATION & OUTREACH

Topic #1: Illicit Discharge Detection & Elimination

The resources below were created by NEWSC and are available for NEWSC members to print and mail out to local businesses, share on social media or have available to residents by printing and displayed at the office or other public venue. If used in the in the manner above: Delivery Mechanism would be passive.

Parking Lot Maintenance Flyer	http://www.renewourwaters.org/wp-content/uploads/2015/04/Parking-Lot-BMP.pdf
Winter Parking Lot Maintenance Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/11/Parking-Lot-Maintenance-Winter-BMPs.pdf
Fish Don't Swim in Chlorine Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Pool-Spa-Discharge.pdf
Fish Don't Swim in Chlorine Website	http://www.renewourwaters.org/pools-and-spas/
Fish Don't Swim in Chlorine Website Updated	https://fwwa.org/2023/01/18/fish-dont-swim-in-chlorine-2/

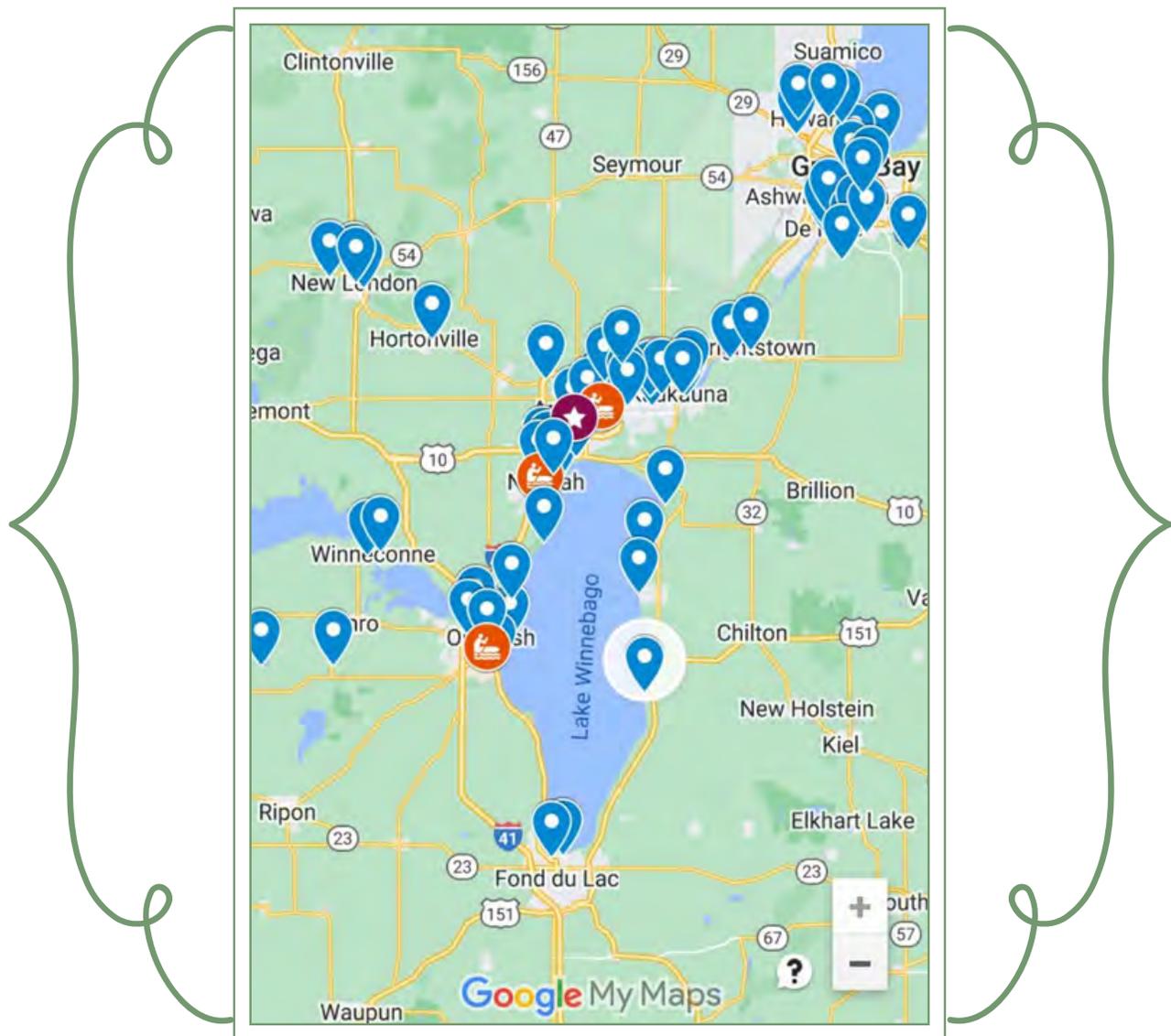


***Did you have inspectors in your community stop by any businesses this year?
Did they do illicit discharge inspections and meet with area businesses about illicit discharge?
If so, you can record those interactions as active outreach.***

NEWSC ACTIVE PRESENTATION DELIVERY ON BEHALF OF MEMBERS: ANNUAL WATERSHED CLEANUP - IDDE EDUCATION FOR VOLUNTEERS

Fox-Wolf Watershed Alliance hosts Northeast Wisconsin's largest volunteer trash cleanup May 6, 2023. We continue to add sites every year. Over 1,600 volunteers joined us in 2023 to clean up over 65 public sites in our watershed. Volunteers started the morning by meeting at their assigned sites, with their site leaders. They learn about trash collection and pollution (illicit discharge) in addition to how to properly retrieve, collect, and dispose of it. After the cleanup, trash weights are totaled and volunteers join us for our annual Cleanup Picnic. Fox-Wolf staff work the event to assist in the fun activities, but also to interact and educate the participants.

There are 65+ cleanup sites located along the Fox River, the Wolf River, Lake Butte des Morts, Lake Winnebago, Lake Winneconne, the East River, the bay of Green Bay, and more throughout the Fox-Wolf River Basin. If your community would like a site added for 2024, contact Sharon (CleanUp@fwwa.org). Sites should have public access. Communities are asked to provide a site leader for the 1st year.



***Additional data and volunteer trash totals can be found under
MCM #2 Public Involvement and Participation (Volunteer Activities)**

NEWSC ACTIVE PRESENTATION DELIVERY ON BEHALF OF MEMBERS: ANNUAL WATERSHED CLEANUP - IDDE EDUCATION FOR VOLUNTEERS CONTINUED

*Total number of active education participants by community

Municipality	Number of Volunteers
Allouez	19
Appleton	196
Brown County	71
Calumet County	48
Combined Locks	41
De Pere	42
Fond du Lac	98
Fox Crossing	20
Grand Chute	11
Green Bay	114
Hortonville	52
Howard	23
Kaukauna	76
Kimberly	63
Ledgeview	38
Little Chute	56
Menasha	76
Neenah	118
New London	35
Oshkosh	226
Winnebago County	87
Winneconne	43
Wrightstown	24



NEWSC ACTIVE PRESENTATION DELIVERY ON BEHALF OF MEMBERS: 2023/2024 CHLORIDE MONITORING - IDDE EDUCATION FOR VOLUNTEERS

Chloride volunteers were trained and received active participation education. During trainings, participants learned about chlorides and their impact on our waterways, proper winter salting/maintenance practices, and Documentation numbers are below and detailed data and photos can be found on the Google Map.

<https://www.google.com/maps/d/u/0/viewer?>

[mid=1hBOxrw1PIrzz9bsalgCTdEIFGvjdrM0&ll=44.371693999171775%2C-88.29907499999997&z=8](https://www.google.com/maps/d/u/0/viewer?mid=1hBOxrw1PIrzz9bsalgCTdEIFGvjdrM0&ll=44.371693999171775%2C-88.29907499999997&z=8)

Virtual/Online training recording:

<https://drive.google.com/file/d/1km9X-ez1lStSyE5hVRooJNMIkq7hF4Qr/view?usp=sharing>

*Total number of active education participants by community

Municipality	Number of Active Education Volunteers
Brown County	2
Fond du Lac County	1
Outagamie County	3
Winnebago County	1
City of Fond du Lac	2
City of Green Bay	1
City of Menasha	1
City of Oshkosh	2

Municipality	Number of Active Education Volunteers
Town of Algoma	1
Town of Grand Chute	1
Town of Ledgeview	1
Town of Neenah	1
Town of Vinland	1
Village of Fox Crossing	1
Village of Harrison	1
Village of Howard	1

***Additional data and volunteer totals can be found under
MCM #2 Public Involvement and Participation (Volunteer Activities)**

Topic #2: Household Hazardous Waste Disposal/Pet Waste Management/Vehicle Washing

The resources below were created by NEWSC and are available for NEWSC members to print and mail out to local businesses, share on social media or have available to residents by printing and displayed at the office or other public venue. If used in the in the manner above: Delivery Mechanism would be passive.

Household Hazardous Waster Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Household-Hazardous-Waste.pdf
Hazardous Waste Website	https://www.renewourwaters.com/our-pets-our-waters/
Household Hazardous Waste Website Updated	https://fwwa.org/2023/01/18/household-hazardous-waste/
Carpet Cleaning Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/carpet-cleaning.pdf
Carpet Cleaning Website	http://www.renewourwaters.org/carpet-cleaning-2/
Carpet Cleaning Website Updated	https://fwwa.org/2023/01/18/carpet-cleaning/
Kids Can Help Too Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Kids-can-help-too.pdf
Kids Can Help Too Website	http://www.renewourwaters.org/kids-can-help-too-3/
Kids Can Help Too Website Updated	https://fwwa.org/2023/01/18/kids-can-help-too/
Good Dog, Good Owner Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Good-Dog-Good-Owner.pdf
Good Dog, Good Owner Website	http://www.renewourwaters.com/our-pets-our-waters/
Good Dog, Good Owner Website Update	https://fwwa.org/2023/01/18/good-dog-good-owner/
Good Dog, Good Owner Infographic	http://www.renewourwaters.org/wp-content/uploads/2019/07/Good-Dog-Good-Owner-Web-Ready.png

***Did you exhibit or do any community presentations that hit on these topics?
If so, you can record those interactions as active outreach.**

Did you issues dog licenses? If you do and you talked with residents about proper pet waste management you can claim that interaction as active education.

Did you host a household hazardous waste collection day? If you did and you talked with residents about impacts of improper disposal, count this as active outreach.

Topic #2: Household Hazardous Waste Disposal/Pet Waste Management/Vehicle Washing Continued

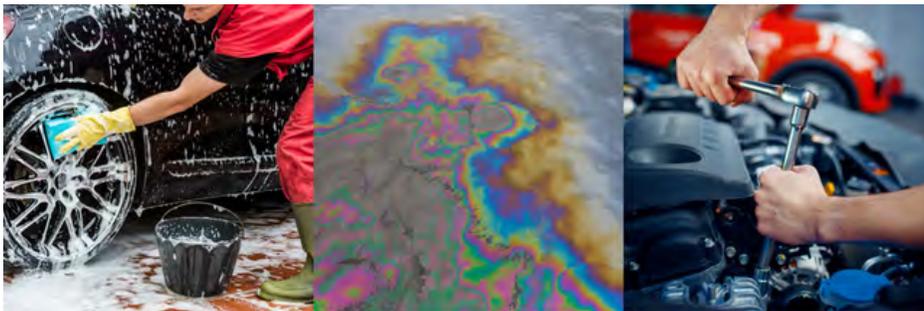
Power Washing Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Power-Washing-Home.pdf
Power Washing Website	http://www.renewourwaters.org/power-washing/
Fish Don't Swim in Chlorine Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Pool-Spa-Discharge.pdf
Fish Don't Swim in Chlorine Website	http://www.renewourwaters.org/pools-and-spas/
Fish Don't Swim in Chlorine Website Updated	https://fwwa.org/2023/01/18/fish-dont-swim-in-chlorine-2/
Vehicle Maintenance Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Vehicle-Maintenance.pdf
Vehicle Maintenance Website	http://www.renewourwaters.org/vehicle-maintenance-2/
Vehicle Maintenance Website Updated	https://fwwa.org/2023/01/18/vehicle-maintenance/
Car Washing Infographic	http://www.renewourwaters.org/wp-content/uploads/2019/07/Car-on-GrassSM.jpg

In 2023, we started to update and reformat a lot of our content. If you did not see our new website for Renew Our Waters, please check it out. There is still content being added in 2024.

<https://fwwa.org/what-we-do/renew-our-waters/>

Additionally, NEWSC educational flyers can be found through the member portal.

<https://fwwa.org/what-we-do/newsc/newsc-member-resources/>



***Did you exhibit or do any community presentations that hit on these topics?
If so, you can record those interactions as active outreach.**

Do you issue permits for pools? If you do and you talked with residents about pool or spa discharge you can claim that interaction as active education.

Topic #3: Yard Waste Management/Pesticide and Fertilizer Application

The resources below were created by NEWSC and are available for NEWSC members to print and mail out to local businesses, share on social media or have available to residents by printing and displayed at the office or other public venue. If used in the in the manner above: Delivery Mechanism would be passive.



Leave Your Leaves on Land Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Leave-Your-Leaves-on-Land.pdf
Leave Your Leaves on Land Website	http://www.renewourwaters.org/leave-your-leaves-on-land/
Leave Your Leaves on Land Website Updated	https://fwwa.org/2023/09/26/leaveyourleavesonland/
The Perfect Lawn Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/The-Perfect-Lawn.pdf
The Perfect Lawn Website	https://www.renewourwaters.org/the-perfect-lawn-3/
Perfect Landscapes Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/The-Pefect-Landscape-7.9.19.pdf
Perfect Landscapes Website	http://www.renewourwaters.org/the-perfect-landscape/
Perfect Landscapes Website Updated	https://fwwa.org/2023/01/18/the-perfect-landscape/
Kids Can Help Too Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Kids-can-help-too.pdf
Kids Can Help Too Website	http://www.renewourwaters.org/kids-can-help-too-3/
Kids Can Help Too Website Updated	https://fwwa.org/2023/01/18/kids-can-help-too/

***Did you exhibit or do any community presentations that hit on these topics?**

If so, you can record those interactions as active outreach.

Do you have a yard waste disposal site or require a permit/pass? If you do and you talked with residents about yard waste management you can claim that interaction as active education.

Topic #3: Yard Waste Management/Pesticide and Fertilizer Application Continued

The resources below were created by NEWSC and are available for NEWSC members to print and mail out to local businesses, share on social media or have available to residents by printing and displayed at the office or other public venue. If used in the in the manner above: Delivery Mechanism would be passive.

Ice & Snow Control Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/Leave-Your-Leaves-on-Land.pdf
Ice & Snow Control Website	http://www.renewourwaters.org/ice-and-snow-control-3/
Ice & Snow Control Infographic	http://www.renewourwaters.org/wp-content/uploads/2019/07/leaf-collection.jpg
Sweep Grass Clippings Infographic	http://www.renewourwaters.org/wp-content/uploads/2019/07/grassclippingsROW.jpg

***Did you exhibit or do any community presentations that hit on these topics?
If so, you can record those interactions as active outreach.**



In 2023, we started to update and reformat our content. If you did not see our new website for Renew Our Waters, please check it out. There is still content being added in 2024. Please note, the links to the previous Renew Our Waters website will become inactive in 2024. If you link to the old site on any of your pages, make sure to update these in 2024.

<https://fwwa.org/what-we-do/renew-our-waters/>

Additionally, NEWSC educational flyers can be found through the member portal.

<https://fwwa.org/what-we-do/newsc/newsc-member-resources/>

Topic #4: Stream and Shoreline Management

The resources below were created by NEWSC and are available for NEWSC members to print and mail out to local businesses, share on social media or have available to residents by printing and displayed at the office or other public venue. If used in the in the manner above: Delivery Mechanism would be passive.

Restore Your Shore Flyer	https://drive.google.com/file/d/1Qcel0qumtuyfu204Qg9kMFa1BSZjb4DA/view?usp=sharing
--------------------------	---

***Did you meet with homeowners to educate them on streambank erosion and BMPs to reduce erosion? You can record these discussions as active outreach.**

Topic #5: Residential Infiltration

The resources below were created by NEWSC and are available for NEWSC members to print and mail out to local businesses, share on social media or have available to residents by printing and displayed at the office or other public venue. If used in the in the manner above: Delivery Mechanism would be passive.

Rain Barrel Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/04/Rain-Barrels-Handout.pdf
Rain Barrel Website	http://www.renewourwaters.org/rain-barrels/
Rain Barrel Website Updated	https://fwwa.org/2023/01/18/rain-barrels-2/
The Perfect Lawn Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/The-Perfect-Lawn.pdf
The Perfect Lawn Website	https://www.renewourwaters.org/the-perfect-lawn-3/
Perfect Landscapes Flyer	http://www.renewourwaters.org/wp-content/uploads/2019/07/The-Pefect-Landscape-7.9.19.pdf
Perfect Landscapes Website	http://www.renewourwaters.org/the-perfect-landscape/
Perfect Landscapes Website Updated	https://fwwa.org/2023/01/18/the-perfect-landscape/
Grass Clippings Infographic	http://www.renewourwaters.org/wp-content/uploads/2019/07/grassclippingsROW.jpg

***Did you host a rain barrel workshop? If so, claim active outreach for this topic.**

Topic #6: Construction Sites/Post Construction Stormwater Management

The resources below were created by NEWSC and are available for NEWSC members to print and mail out to local businesses, share on social media or have available to residents by printing and displayed at the office or other public venue. If used in the in the manner above: Delivery Mechanism would be passive.

Stormwater & the Construction Industry Poster	http://www.renewourwaters.org/wp-content/uploads/2019/07/Construction-BMPs-Erosion-Sediment-Control.pdf
Erosion & Sediment Control Pocket Field Guide	https://drive.google.com/file/d/1TBtgl61znizXDZyLoDRVRVNHxThD40kH/view?usp=sharing

***Did you have active discussions regarding construction site erosion control? If you used these materials or other educational materials and had meetings/trainings (even 1 on 1 meetings with builders/contractors/inspectors) then you can record that interaction as an active outreach.**

This training may have included the NEWSC Excal Video below.

Excal Visual Videos on Erosion Control available for member checkout in 2023

“Ground Control” – Stormwater for Construction BMPs

This employee training kit is designed to show employees how erosion, sediments and other potential surface water pollutants are controlled at construction sites. The program focuses on Best Management Practices (BMPs) that are widely used at most construction sites including: silt fence, stabilized entrances/exits, drop inlet protectors and others. The program illustrates how these BMPs work and how they can fail. (14 minutes)

Click here to preview from Excal Visual's site:

<https://www.excalvisual.com/ground-control-extended-preview>

BMP Master List

The purpose of the Stormwater Quality Management BMP master list is to allow MS4 and Public Works managers to easily search available stormwater and erosion control BMPs based on target pollutants, WDNR Technical Standards, and keywords. The master list provides insight into the benefits and limitations of each BMP, allowing the user to have a brief understanding of each device to help guide decision making when implementing or reviewing projects. The spreadsheet can be found on the NEWSC member resources page on newsc.org and [HERE](#).

Model Ordinance Reference Guides

NEWSC's Construction Site Erosion Control Reference Guide and Post-Construction Pollution Control Reference Guide – the companion documents to NEWSC's model ordinances – have been updated and are available for member use. The documents can be found on the NEWSC member resources page on newsc.org.

TOPIC #7: POLLUTION PREVENTION

The resources below were created by NEWSC and are available for NEWSC members to print and post by time clocks for training municipal staff. If used in the manner above: Delivery Mechanism would be passive.

Fleet Maintenance	https://drive.google.com/file/d/1fIRY40S5nhHZU_7clwGTHtDfwgLt7wbu/view?usp=sharing
Land Disturbances	https://drive.google.com/file/d/1VujZccTojAWZhjVcp4e6A9HytWjVAkGu/view?usp=sharing
Materials Storage and Spill Cleanup	https://drive.google.com/file/d/1J_2_SuMYXwmOsqdpsdIINR_0kJ3qKMu/view?usp=sharing
Parks and Ground Maintenance	https://drive.google.com/file/d/14r436EKrJM44x_iPgioWXFrspmqbTVAq/view?usp=sharing
Solid Waste Operations	https://drive.google.com/file/d/1r2gimtAsRanIpxSCevFntWMJwI5Z5tMS/view?usp=sharing
Street and Drainage Maintenance	https://drive.google.com/file/d/1KtkoijMCIPVBhv5VOhYERUIrH52NFXo/view?usp=sharing

Municipal Staff PSAs

Mowing	https://drive.google.com/file/d/1h-tz-pzbTow-xMelISeG30YkN_L-uERr/view?usp=drive_link
Leaf Collection	https://drive.google.com/file/d/1ZSndB33w39XudANHWeTFRcaRjqaP144C/view?usp=sharing
Salt, Brine, & Sand	https://drive.google.com/file/d/1W8GWi9CTSsTd1Nbzfs2UQp5rxSXYea_P/view?usp=sharing

***Did you have active pollution prevention trainings? If you used these materials or other educational materials and had meetings/trainings, then you can record that interaction as an active outreach.**

These trainings may have included the NEWSC Excal Videos below.

Did you talk about any of the Municipal Staff PSAs with any employees, at a team meeting, or during a "tool box talk"?

Topic #7: Pollution Prevention Continued

Excal Visual Videos on Pollution Prevention available for member checkout in 2023

"Rain Check" - Stormwater Pollution Prevention for MS4s

Regulated municipalities and other municipal separate storm sewer system (MS4) operators must prevent pollutants from entering their storm drainage systems. One element of this requirement is preventing stormwater pollution by municipal facilities such as fleet maintenance shops, bus barns, sanitation facilities, parks and street sweeping operations. This program shows employees how to practice good housekeeping, spill response, materials management, vehicle fueling and washing and the other BMPs profiled in the "National Menu". {Program versions run between: 19 -and up to- 31 minutes}"

Click here to preview from Excal Visual's site:
<https://www.excalvisual.com/swrc-extended-preview>

"Storm Warnings" - Stormwater Pollution Prevention

This training kit is designed to provide general awareness training to employees and contractors about stormwater pollution prevention. It describes Best Management Practices (BMPs) that are useful and important at a wide range of regulated facilities. It covers good housekeeping and other BMPs that help protect stormwater run-off. The kit includes a template to guide the trainer through creating site specific training to use in addition to the general training in the video. (18 minutes)

Click here to preview from Excal Visual's site:

<https://www.excalvisual.com/storm-warning-extended-preview>

MUNICIPAL STAFF PSA: MOWING

Smart Mowing

- Mow grass as high as possible and leave the clippings on the lawn
- Mulch grass clippings
- Put mower tire on the curb with the blower pointed to the grass while mowing

Communicate

- Ask supervisors or management about proper procedures
- Bring up issues seen on site
- Ask questions about proper fertilizer application

Debris Management

- Sweep or blow clippings onto grass from paved surfaces
- Do not put debris or clippings in storm drains or waterways
- Remove debris or litter from storm drains

Did you know?

Grass clippings and leaves add excess nutrients like nitrogen and phosphorus in our local waterways. This leads to increased risk of algae blooms. Keeping grass and leaves off of paved surfaces, away from and out of stormwater systems, and out of our waters help keep the water clean and helps your community meet their water quality standards.

TOPIC #8: GREEN INFRASTRUCTURE/LOW IMPACT DEVELOPMENT

NEWSC will be gathering resources for members to use going forward in 2024.

***Did you have active discussion with elected officials or developers about low impact residential design? If you had meetings/trainings or provided presentations on the topic, then you can record that interaction as an active outreach.**

ACTIVE OUTREACH THAT COVERS MULTIPLE TOPICS

The presentations and exhibiting events on the pages that follow can count towards active delivery of any of the topics identified in the table associated with the presentation.

2023 School Presentations

Stormwater Topic:	Discussed?	Stormwater Topic:	Discussed?
Illicit Discharge Detection & Elimination	YES	Residential Infiltration	YES
Household Hazardous Waste Disposal/Pet Waste Management/Vehicle Washing	YES	Construction Sites and Post Construction Stormwater Management	YES
Yard Waste Management/Pesticide and Fertilizer Application	YES	Pollution Prevention	YES
Stream and Shoreline Management	YES	Green Infrastructure/Low Impact Development	NO



2023 School Presentations Continued

The following presentations were provided in classrooms or virtually in NEWSC communities throughout the Fox-Wolf River Basin in 2023. These lessons covered watershed basics, how we use water, water quality, stormwater runoff pollution, floodplains, water quantity issues, green infrastructure, and tips for students and parents for reducing and preventing polluted stormwater runoff. Tools used for providing this education include: EnviroScape model, Ward's Floodplain model, stormwater find-it jars, stormwater runoff plinko, and templates for designing storm drain murals.

Name of School/School Event	Date of Presentation	Number of Approximate Reach
Oshkosh North High School	2/15/2023	60
Black Creek Elementary Middle School	9/27/2023	35
Xavier Middle School, Appleton	9/27/2023	111
Horizons Elementary School, Appleton	9/27/2023	88
Columbus, Appleton	9/27/2023	20
St. Peters Lutheran	9/27/2023	29
River View Middle School, Kaukauna	9/28/2023	300

Outagamie County Conservation Field Days

- 9/27/2023; approximate reach 303
- 9/28/2023; approximate reach 341



2023 NEWSC Exhibiting

The presentations and exhibiting events on the pages that follow can count towards active delivery of any of the topics identified in the table associated with the presentation.

Stormwater Topic:	Discussed?	Stormwater Topic:	Discussed?
Illicit Discharge Detection & Elimination	YES	Residential Infiltration	YES
Household Hazardous Waste Disposal/Pet Waste Management/Vehicle Washing	YES	Construction Sites and Post Construction Stormwater Management	NO
Yard Waste Management/Pesticide and Fertilizer Application	YES	Pollution Prevention	YES
Stream and Shoreline Management	YES	Green Infrastructure/Low Impact Development	NO



2023 Exhibiting



Municipality	Date	Number of Contacts
Calumet County	6/25/2023	183
City of Menasha	11/9/2023	60
City of Appleton	8/15/2023	10
City of De Pere	8/30/2023	18
City of Fond du Lac	6/11/2023	108
City of Fond du Lac	6/10/2023	358
City of Green Bay	6/17/2023	9
City of Green Bay	3/24/2023	11
City of Kaukauna	9/23/2023	55
City of Oshkosh	4/13/2023	8
City of Oshkosh	3/17/2023	20
City of Oshkosh	1/25/2023	12
Town of Clayton	8/19/2023	83
Town of Grand Chute	8/1/2023	105
Town of Ledgeview	4/4/2023	32
University of Wisconsin Oshkosh	10/11/2023	15
Village of Ashwaubenon	8/12/2023	64
Village of Combined Locks	8/26/2023	102
Village of Kimberly	10/20/2023	1500

NEWSC 2024-2025 Exhibiting List

NEWSC member communities are included in an annual exhibiting plan once during the 5 year permit cycle. Communities planned for 2024 and 2025 are listed below:

2024	2025
City of Fond du Lac	City of Green Bay
City of Two Rivers	City of Menasha
Outagamie County	Calumet County
City of De Pere	Village of Combined Locks
City of Manitowoc	Village of Hobart
City of Neenah	Village of Little Chute
Town of Vinland	Town of Black Wolf
Town of Omro	Town of Fond du Lac
Village of Little Chute (2023)	
Village of Suamico (2023)	
Brown County (2023)	

To ensure your space is reserved NEWSC members must:

1. **Contact the Outreach Coordinator by March 30** of the year you are scheduled with the name of the event, date of the event, and the contact information for the event organizer that you would like the Outreach Coordinator to be a part of.
2. Work with the Outreach Coordinator and the event organizer to ensure acceptance of NEWSC participation at the event. The NEWSC member must pay any exhibiting fees (if applicable) for the event. For most community events, NEWSC members are able to coordinate with the event host for a free exhibiting space, if the event chosen does not waive exhibiting fees for the community, those fees are the responsibility of the NEWSC member.

If communities do not schedule the Outreach Coordinator to participate by March 30, invitations to the Outreach Coordinator from other communities for events will be entertained and all will be accepted as time is available on a first come first serve basis. If the Outreach Coordinator is unable to exhibit in your community due to workload or date of event, NEWSC members may check out exhibiting materials from NEWSC. Promotional materials will be provided as part of the exhibiting display if NEWSC has promotional items to hand out.



PASSIVE OUTREACH THAT COVERS MULTIPLE TOPICS

NEWSC Media Continued by Topic

Topic #1: Illicit Discharge Detection & Elimination

2023 Totals

Facebook:
 Likes: 398
 Shares: 196
 Followers: 5,079

Instagram:
 Likes: 170
 Followers: 1,083

Topic#1 Total

Facebook:
 Likes: 203
 Shares: 72

Date	Topic	Likes	Shares	Link
1/12/2023	Salt	11	5	https://www.facebook.com/photo/?fbid=545314397783392&set=a.189201083394727
1/13/2023	Salt	6	2	https://www.facebook.com/photo/?fbid=538728978441934&set=a.189201083394727
1/14/2023	Salt	50	5	https://www.facebook.com/photo/?fbid=527852029529629&set=a.189201083394727
1/15/2023	Salt	3	0	https://www.facebook.com/photo/?fbid=520330486948450&set=a.189201083394727
2/9/2023	Watersheds	15	5	https://www.facebook.com/foxwolfriver/posts/pfbid0d7iz2hD2neXiQ4hq6crHG4J5UGPJECTJksvdNWpb3PsnTWjXH4Pv7xq67mBjnvRI
2/20/2023	Carpet Cleaning	3	3	https://www.facebook.com/foxwolfriver/posts/pfbid028okTXbWTADZ7jZbd5YUBCoNSjdnwqH4bhwnqSGjpm1MTK4rSRoVFToLQddEuERBHI
3/22/2023	Protect Our Waters	11	4	https://www.facebook.com/photo/?fbid=527852029529629&set=a.189201083394727
4/24/2023	Trash	10	2	https://www.facebook.com/photo/?fbid=545314397783392&set=a.189201083394727
5/23/2023	Watersheds	2	1	https://www.facebook.com/photo/?fbid=561599219488243&set=a.189201083394727
6/23/2023	Fireworks	4	3	https://www.facebook.com/photo/?fbid=578774857770679&set=a.189201083394727
7/2/2023	Fireworks	4	3	https://www.facebook.com/photo/?fbid=583670827281082&set=a.189201083394727
7/27/2023	Storm Drains	4	4	https://www.facebook.com/photo/?fbid=596710952643736&set=a.189201083394727
7/31/2023	Pools & Spas	10	3	https://www.facebook.com/photo/?fbid=598496189131879&set=a.189201083394727

***Did you share any of these Facebook posts through your communities Facebook account?
 If so, you can record those as passive outreach.**

NEWSC Media by Topic

Facebook:

Likes: 203

Shares: 72

Topic #1: Illicit Discharge Detection & Elimination Continued

Date	Topic	Likes	Shares	Link
8/1/2023	Stormwater 101	4	1	https://www.facebook.com/foxwolfriver/posts/pfbid02jdvEeYbW8zmEmp2ZvKZj8YT0VjXWzvwXW3TowcfanC14Rno62Nw6bEULQui2EsBSI
8/5/2023	Stormwater Week	8	6	https://www.facebook.com/photo/?fbid=601421268839371&set=a.189201083394727
8/7/2023	Watersheds & Runoff	4	1	https://www.facebook.com/foxwolfriver/posts/pfbid0257hRo8b5iLpiTWZ73JjvWSBhHq1jrvUWKvaW66oPmPdxLp8UYamvjwCdGvaLp2NZI
8/11/2023	Storm Drains 101	3	0	https://www.facebook.com/photo/?fbid=604333061881525&set=a.189201083394727
10/9/2023	Trash	9	2	https://www.facebook.com/photo/?fbid=634621502186014&set=a.189201083394727
10/31/2023	Storm Drains	9	3	https://www.facebook.com/photo/?fbid=646522444329253&set=a.189201083394727
11/10/2023	Chloride Monitoring	19	7	https://www.facebook.com/photo/?fbid=651687117146119&set=a.189201083394727
11/28/2023	Trash/Litter	3	1	https://www.facebook.com/photo/?fbid=660813026233528&set=a.189201083394727
12/13/2023	Winter Maintenance	11	11	https://www.facebook.com/photo/?fbid=668521438796020&set=a.189201083394727



***Did you share any of these Facebook posts through your communities Facebook account?
If so, you can record those as passive outreach.**

NEWSC Media by Topic

Topic #2:Household Hazardous Waste Disposal/Pet Waste Management/Vehicle Washing

Facebook:
Likes: 123
Shares: 58

Date	Topic	Likes	Shares	Link
2/9/2023	Watersheds	15	5	https://www.facebook.com/foxwolfriver/posts/pfbid0d7iz2hD2neXiQ4hq6crHG4J5UGPJECTJksvdNWpb3PsnnTWjXH4Pv7xq67mBjnvRI
2/20/2023	Carpet Cleaning	3	3	https://www.facebook.com/foxwolfriver/posts/pfbid028okTXbWTADZ7jZbd5YUBCoNSjdnwqH4bhwnqSGjpm1MTK4rSRoVFToLQddEuERBHI
3/8/2023	Pet Waste	8	18	https://www.facebook.com/photo/?fbid=520330486948450&set=a.189201083394727
3/22/2023	Protect Our Waters	11	4	https://www.facebook.com/photo/?fbid=527852029529629&set=a.189201083394727
4/12/2023	Household Hazardous Waste	4	10	https://www.facebook.com/photo/?fbid=538728978441934&set=a.189201083394727
4/28/2023	Household Hazardous Waste	3	0	https://www.facebook.com/photo/?fbid=547464947568337&set=a.189201083394727
5/23/2023	Watersheds	2	1	https://www.facebook.com/photo/?fbid=561599219488243&set=a.189201083394727
6/23/2023	Fireworks	4	3	https://www.facebook.com/photo/?fbid=578774857770679&set=a.189201083394727
7/2/2023	Fireworks	4	3	https://www.facebook.com/photo/?fbid=583670827281082&set=a.189201083394727
7/21/2023	Vehicle Washing	6	2	https://www.facebook.com/photo/?fbid=593768889604609&set=a.189201083394727
7/27/2023	Storm Drains	4	4	https://www.facebook.com/photo/?fbid=596710952643736&set=a.189201083394727

***Did you share any of these Facebook posts through your communities Facebook account?
If so, you can record those as passive outreach.**

NEWSC Media Continued by Topic

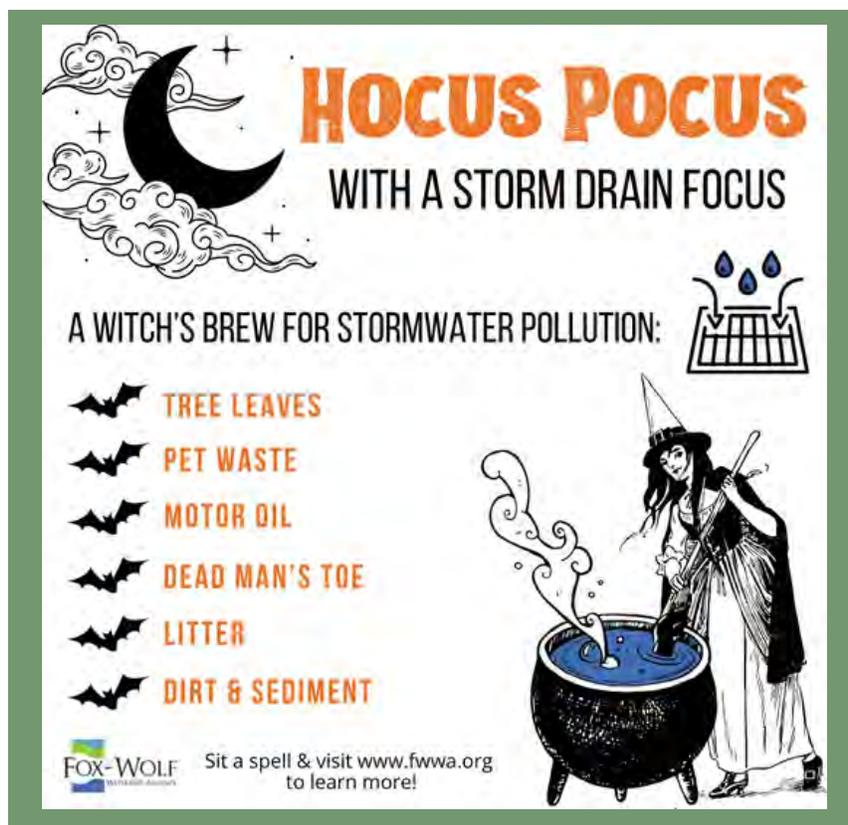
Topic #2:Household Hazardous Waste Disposal/Pet Waste Management/Vehicle Washing Continued

Facebook:

Likes: 123

Shares: 58

Date	Topic	Likes	Shares	Link
8/1/2023	Stormwater 101	4	1	https://www.facebook.com/foxwolfriver/posts/pfbid02jdvEeYbW8zmEmp2ZvKZj8YToVjXWzvwvW3TowcfanC14Rno62Nw6bEU_LQui2EsBSI
8/7/2023	Watersheds & Runoff	4	1	https://www.facebook.com/foxwolfriver/posts/pfbid0257hRo8b5iLpiTWZ73JjvWSBhHq1jrvUWKvaW66oPmPdxLp8UYamvjwCdGvaLp2NZI
8/11/2023	Storm Drains 101	3	0	https://www.facebook.com/photo/?fbid=604333061881525&set=a.189201083394727
10/2/2023	School Presentations	39	0	https://www.facebook.com/photo/?fbid=634621502186014&set=a.189201083394727
10/31/2023	Storm Drains	9	3	https://www.facebook.com/photo/?fbid=646522444329253&set=a.189201083394727



***Did you share any of these Facebook posts through your communities Facebook account?
If so, you can record those as passive outreach.**

NEWSC Media by Topic

Topic #3: Yard Waste Management/Pesticide and Fertilizer Application

Facebook:

Likes: 83

Shares: 73

Date	Topic	Likes	Shares	Link
5/8/2023	Grass	28	26	https://www.facebook.com/photo/?fbid=553111050337060&set=a.189201083394727
5/26/2023	Spring Fertilizer	6	3	https://www.facebook.com/photo/?fbid=563133106001521&set=a.189201083394727
6/5/2023	Landscaping	9	3	https://www.facebook.com/photo/?fbid=568703508777814&set=a.189201083394727
8/9/2023	Lawn Care (Grass)	8	1	https://www.facebook.com/photo/?fbid=603230935325071&set=a.189201083394727
8/10/2023	Leaves & Streets	4	0	https://www.facebook.com/photo/?fbid=603674405280724&set=a.189201083394727
8/10/2023	Leaves 101	5	0	https://www.facebook.com/photo/?fbid=603911565257008&set=a.189201083394727
9/25/2023	Leaves	12	26	https://www.facebook.com/photo/?fbid=627327342915430&set=a.189201083394727
10/12/2023	Leaves	8	14	https://www.facebook.com/photo/?fbid=636347435346754&set=a.189201083394727
10/23/2023	Leaves	3	0	https://www.facebook.com/photo/?fbid=642450591403105&set=a.189201083394727

Topic #4: Stream and Shoreline Management

Date	Topic	Likes	Shares	Link
11/1/2023	Shoreline Restoration	30	8	https://www.facebook.com/photo/?fbid=647204184261079&set=a.189201083394727

Facebook:

Likes: 22

Shares: 13

Topic #5: Residential Infiltration

Date	Topic	Likes	Shares	Link
6/16/2023	Rain Barrels	10	12	https://www.facebook.com/photo/?fbid=647204184261079&set=a.189201083394727
8/8/2023	Rain Collection 101	12	1	https://www.facebook.com/photo/?fbid=602939862020845&set=a.189201083394727

NEWSC Media/News Coverage

Estimated reach for Media/News Coverage by the following sources is 100,000+ and is a passive form of outreach/education.

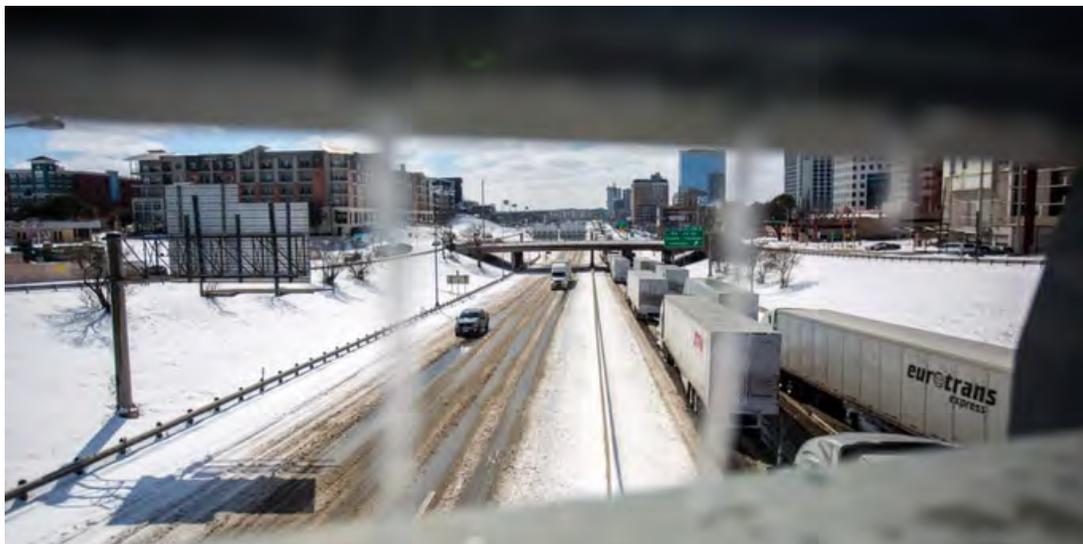
Media Outlet	Topic	Publish Date	Link
WFRV Channel 5	Trash Clean up	9/22/2023	https://www.wearegreenbay.com/local5live/celebrate-the-fox-river-when-you-focus-on-fox/
Fox-11	Cleanup & Shoreline Restoration	9/21/2023	https://fox11online.com/news/making-a-difference/oshkosh-north-high-school-students-transform-911-remembrance-into-a-day-of-community-service-akans-acres-communities-program-oasd#
NBC-26	Student Watershed Activism (Oshkosh North)	9/11/2023	https://www.nbc26.com/oshkosh/remembering-9-11-oshkosh-north-students-give-back-to-community
Fox-11	Student Watershed Activism (Oshkosh North)	4/25/2023	https://fox11online.com/sports/outdoors/oshkosh-north-high-school-students-collaborate-nonprofit-fishing-line-receptacles-trash-free-waters-kelly-reyer-asylum-bay-park-lighthouse-ken-robl-conservation-park-environment
WBAY TV-2	Student Watershed Activism (Oshkosh North)	4/25/2023	https://www.wbay.com/2023/04/26/oshkosh-north-students-clean-up-broken-fishing-lines-local-waters/
WPR	Salt Drawbacks	2/2/2023	https://www.wpr.org/education/using-road-salt-has-its-drawbacks-wisconsin-community-leaders-see-solution-brine



NEWSC Media/News Coverage Continued

Estimated reach for Media/News Coverage by the following sources is 100,000+ and is a passive form of outreach/education.

Media Outlet	Topic	Publish Date	Link
620WTMJ	Salt Usage	1/29/2023	https://wtmj.com/news/2023/01/29/local-organizations-bring-awareness-to-salt-usage/
WBAY	Salt Awareness Week	1/23/223	https://www.wbay.com/2023/01/24/interview-salt-awareness-week/
WeAreGreenBay	Salt	1/18/2023	https://www.wearegreenbay.com/news/local-news/salt-leaving-bad-taste-in-mother-natures-mouth-research-shows-high-chloride-levels-in-wisconsin-rivers/
Fox11	Manitowoc Salting Cups	1/10/2023	https://fox11online.com/weather/weather-stories/manitowoc-providing-salt-cups-to-prevent-over-salting-in-wintery-weather



ANNUAL REPORT PART 2: STORMWATER PROGRAM EVALUATION MINIMUM CONTROL MEASURES MCM # 2 PUBLIC INVOLVEMENT AND PARTICIPATION - VOLUNTEER ACTIVITIES

NEWSC Active Delivery on Behalf of Members:

Volunteer Event - Annual Watershed Cleanup May 6, 2024

Fox-Wolf Watershed Alliance continues to add sites every year. If your community would like a site added for 2024, contact Sharon (CleanUp@fwwa.org). Sites should have public access. Communities are asked to provide a site leader for the 1st year.



This year the clean up hosted a photo contest live on Facebook!

Direct link to the contest album: <https://www.facebook.com/media/set?vanity=foxwolfriver&set=a.560843009563864>

Direct link to the full 2023 Cleanup album: <https://www.facebook.com/media/set/?vanity=foxwolfriver&set=a.558480689800096>



2023 Annual Cleanup Volunteer Totals by Community

Municipality	Number of Volunteers
Allouez	19
Appleton	196
Brown County	71
Calumet County	48
Combined Locks	41
De Pere	42
Fond du Lac	98
Fox Crossing	20
Grand Chute	11
Green Bay	114
Hortonville	52
Howard	23
Kaukauna	76
Kimberly	63
Ledgeview	38
Little Chute	56
Menasha	76
Neenah	118
New London	35
Oshkosh	226
Winnebago County	87
Winneconne	43
Wrightstown	24



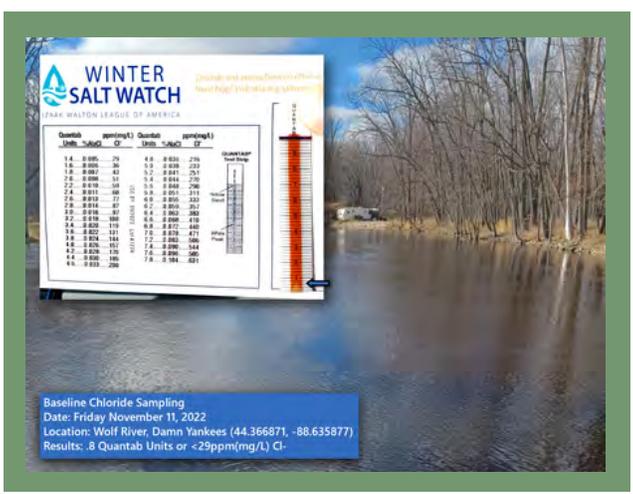
Chloride Monitoring: Fall 2022/Winter 2023

This is considered active participation. Documentation numbers are below and detailed data and photos can be found on the Google Map.

<https://www.google.com/maps/d/u/0/viewer?mid=1hBOxrw1Plrzz9bsalgCTdElFGvjdrM0&ll=44.371693999171775%2C-88.29907499999997&z=8>

Municipality	Number of Active Education Volunteers
Brown County	2
Fond du Lac County	1
Outagamie County	3
Winnebago County	1
City of Fond du Lac	2
City of Green Bay	1
City of Menasha	1
City of Oshkosh	2

Municipality	Number of Active Education Volunteers
Town of Algoma	1
Town of Grand Chute	1
Town of Ledgeview	1
Town of Neenah	1
Town of Vinland	1
Village of Fox Crossing	1
Village of Harrison	1
Village of Howard	1



OTHER NEWSOC EFFORTS:

Workshops and Trainings

Stormwater Quality Management Half Day Workshop

Workshop assumed attendees have some knowledge of stormwater management and Appendix A and C of the permit. Continuing Education Credits were be offered. This training gave participants a unique opportunity to work and talk directly with WDNR, local municipalities, and consultants on TMDL requirements and future goals.

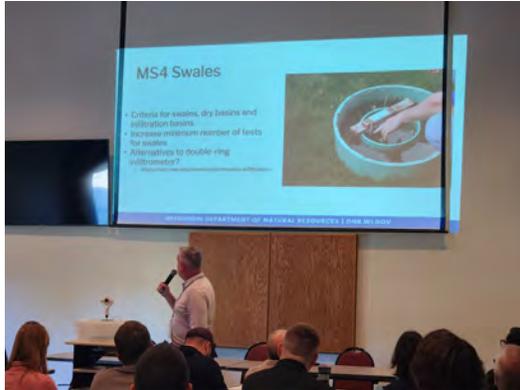
Agenda: https://docs.google.com/document/d/131k3UMywejggrq7bvHtDSY5TcZAqhO7D/edit?usp=drive_link&ouid=101153216035145320311&rtpof=true&sd=true

September 14, 2023

7:45 am to 12:00 pm

Coughlin Center - 625 E County Rd Y, Oshkosh, WI 54901 Room B

*See Attendance list on the next page



Committee List:

Chair Person -

- Sue Olson (City of Appleton)

Committee Members-

- George Dearborn (Village of Fox Crossing)
- Paul Willis (Mean & Hunt)
- Abby Manslanka (Martenson & Eisele)
- Justin Keen (Cedar Corp)
- Rich Heath (Town of Algoma)
- Heather Zaunmueller (AECOM)
- Chuck Boehm (Brown & Caldwell)

Presenter List:

- Pete Wood (WDNR)
- Chris Linskens (WDNR)
- Justing Gierach (City of Oshkosh)
- Mark Van Der Wegen (Town of Grand Chute)
- Brent Jalonen (Calumet County)
- Nick Waldschmidt (City of Fond du Lac)
- Jack Richeson (Martenson & Eisele)

2023 Stormwater Quality Management Committee TMDL Half Day Workshop

Attendance:

Abby Maslanka - Martenson & Eisele	Alyssa Deckert - City of Oshkosh	Andy Maracini - Winnebago County	Austin Dyb - Outagamie County	Brad Busse - City of Manitowoc	Brent Jalonon - Calumet County
Casey Canady - City of Oshkosh	Chase Kuffel - City of De Pere	Chris Linskens - WDNR	Chuck Boehm - Brown & Caldwell	Claire Ebben - Outagamie County	Dan Dieck - Village of Fox Crossing
Dan Rammer - MSA Professional Services	Don O'Connel - Town of Vinland	George Dearborn - Village of Fox Crossing	Heather Zaubmueller - AECOM	Jack Richeson - City of Menasha	Jeff Schultz - Martenson & Eisele
Jennifer Liihatta - Robert E Lee Associates	Jimmy Platz - AECOM	Jordan Bovee - Cedar Corp	Joseph Pingel - Cedar Corp	Josh Ruplinger - UW Oshkosh	Justin Gierach - City of Oshkosh
Justin Keen - Cedar Corp	Kelly O'Malley - City of Green Bay	Kia Kling - Village of Fox Crossing	Kris Lyons - Village of Little Chute	Mark Van Der Wegen - Town of Grand Chute	Matt Woicsek - Village of Little Chute
Max McGuire - City of Green Bay	Michael Leidig - Robert E Lee Associates	Michael Morman - Outagamie County	Nick Waldschmidt - City of Fond du Lac	Pete Wood - WDNR	Richard Heath - Town of Algoma
Scott Ahl - City of Two Rivers	Sean Bekx - West Wood Professional Services	Sue Olson - City of Appleton	Todd Devens - Town of Vinland	Valerie Joosten - City of Green Bay	

Thank you 2023 Leadership Council Members!

<p>Chair Heath Kummerow (2022 -2023) City of Neenah</p>	<p>Vice-Chair Brent Jalonen (2022-2023) Calumet County</p>	<p>Secretary/Treasurer Rich Heath (2022-2023) Town of Algoma</p>	<p>Past-Chair Eric Rakers (2022-2023) City of De Pere</p>
<p>Municipal Committee James Rabe (2022-2024) City of Oshkosh</p>	<p>General Public Committee Andy Maracini (2022-2024) Winnebago County</p>	<p>Building & Development Committee Brad Hartjes (2021-2024) raSmith</p>	<p>Stormwater Quality Management Committee Sue Olson (2023-2024) City of Appleton</p>
<p>Member-At-Large Dani Santry (2022-2024) Calumet County</p>	<p>Member-At-Large Paul Willis (2023-2024) Mead & Hunt</p>	<p>Member-At-Large Mark Van Der Wegen (2023-2024) Town of Grand Chute</p>	

Thank you 2023 Committee Members!

General Public Committee	Municipal Committee	Stormwater Quality Management Committee	Building & Development Committee
<p>Andy Maracini - Winnebago County Dani Santry - Calumet County George Dearborn - Village of Fox Crossing Brian Wayner - Westwood Professional Services</p>	<p>James Rabe - City of Oshkosh Jeff Mazanec - raSmith Scott Ahl - City of Two Rivers John Neumerier - City of Kaukauna Sue Olson - City of Appleton</p>	<p>Sue Olson - City of Appleton George Dearborn - Village of Fox Crossing Paul Willis - Mead & Hunt Abby Maslanka - Martenson & Eisle Justin Keen - Cedar Corporation Rich Heath - Town of Algoma Heather Zaubmueller - AECOM Chick Boehm - Brown & Caldwell</p>	<p>Brad Hartjes - raSmith Nick Waldschmidt - City of Fond du Lac Brent Jalonen - Calumet County Patrick Kuehl - Robert E Lee & Associates Chad VandenLangenberg - Outagamie County Katie Buchalski - Ruekert-Mielke</p>

Department of Public Works – Engineering Division

MEMO

TO: Utilities Committee

FROM: Danielle Block, Director of Public Works
Pete Neuberger, Deputy Director of Public Works
Paul Krause, DPW Horticulturist

SUBJECT: Award Single Source K-24 Native Landscape Management Contract to NES Ecological Services – A Division of Robert E. Lee & Associates, in an amount not to exceed \$192,345.12.

DATE: March 12, 2024

The Department of Public Works recommends award of the single source Unit K-24 Native Landscape Management Contract to NES Ecological Services – A Division of Robert E. Lee & Associates, in an amount not to exceed \$192,345.12. The 2024 combined capital and maintenance native landscaping budget is \$205,000.

The following tasks are included in this contract:

Native Vegetation Maintenance and New Installations at City Stormwater Ponds and Channels

- Provide vegetation inspections and recommendations.
- Provide invasive species and algae control through herbicide, mowing, brushing, and/or controlled burns.
- Provide preparation, seeding, planting, and erosion control at sparsely established areas and new sites.
- Maintain pond aerators.

The proposed contract amount also includes an estimated \$4,084 of work at Facilities Department sites, to be paid by Facilities Department through interdepartmental agreement.

DPW last issued a Unit K RFP for the 2022 contract. Per that memo dated February 15, 2022, DPW identified that for 2023 through 2026, DPW intended to negotiate a single-source contract for Unit K with the selected contractor each year, subject to committee and council approvals at the appropriate times.

DPW requests that the Utilities Committee approve a 2024 contract with NES for these services. NES performed very well as the 2023 contractor, demonstrating good customer service, expertise, and cost-effectiveness. Proposed K-24 unit prices include a 5% unit price increase compared to the K-23 unit prices, plus a 2% Performance Bond fee. DPW staff have determined that this is a reasonable price increase based on equipment, material and labor market conditions.

If NES continues to perform to DPW's satisfaction, DPW anticipates negotiating single source contracts through 2026 with NES annually and requesting committee and council approvals at the appropriate times.



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DEPARTMENT OF PUBLIC WORKS
Engineering Division
100 North Appleton Street
Appleton, WI 54911
TEL (920) 832-6474

To: Utilities Committee
From: Danielle Block, Director of Public Works
Nate Loper, Deputy Director of Public Works
Date: March 6, 2024
Re: Award Ash Tree Removal Contract to Foley's Tree Service, LLC in an amount not to exceed \$375,000

The Department of Public Works recommends award of the 2024 Ash Tree Removal Contract to Foley's Tree Service, LLC in an amount not to exceed \$375,000.

In February 2024 a Request for Quotes (RFQ) was sent to 6 tree removal companies for removal of 870 ash trees. All 6 companies responded to the RFQ and City staff evaluated these proposals based upon professional qualifications, quality assurance and competitive pricing.

Work under this contract includes the following:

- Removal of dead, dying or affected trees by the emerald ash borer.
- The tree management section selected has the highest concentrations of ash trees and logistically one of the more challenging sections for City staff. This area is south of Calumet Street and east of S Oneida St, extending to the city borders.
- Majority of trees to be removed are street trees in the street right of way.
- Includes the removal of ash trees in two city parks within this section (Hoover and Green Meadows).
- Stump grinding and terrace restoration will also follow the removal of the above ground portions of the trees.

Since this work is of a potentially dangerous nature and requires special expertise, Foley's Tree Service stood out in the following ways.

- Years of experience in the industry.
- Positive references in executing similar contracts with other Wisconsin municipalities.
- Commitment to safety and professionalism which was reinforced by reference checks.
- Trained and credentialed staff.
- Equipment listed for the completion of the contract.
- Estimated timeline for completion of work entailed (2 months vs 6-8 months with other companies)
- Competitive pricing and expedited timeline allowed for expanding the original scope of work to include approximately 200 additional trees.

Thank you for your consideration.

CITY OF APPLETON
Department of Public Works
MEMORANDUM

TO: **Finance Committee**
 Municipal Services Committee
 Utilities Committee

SUBJECT: Award of Contract

The Department of Public Works recommends that the following described work:
Ash tree removal, stump grinding and terrace restoration

Be awarded to:

Name: Foley's Tree Service, LLC
Address: N11541 Roberts Rd
Tomahawk, WI 54487

In the amount of : _____
With a _____ **% contingency of :** _____
For a project total not to exceed : _____

**** OR ****

In an amount Not To Exceed : \$375,000.00

Budget: \$375,000.00
Estimate: \$375,000.00
Committee Date: March 11, 2024
Council Date: March 20, 2024

BID-CONTRACT FORMS

Contractor to remove tree, grind stump, restore hole with pulverized topsoil, grass seed application, and approved seed cover. Disposal of all material including wood, brush, debris and stump debris.

Pages 9-11 and attachment “IR 2.1 SMALL EXPOSURE JOBS” included with this packet must be completed and returned by Feb 23rd at 4:00 P.M. to the City of Appleton Municipal Services Building at 2625 E. Glendale Ave. in a sealed envelope marked:

“Bid for Ash Tree Removals 2024”

Attention: Mike Stanonik

The undersigned Contractor offers to provide to the City of Appleton tree removal services conforming to the specifications, terms and conditions set forth herein.

<u>Diameter</u>	<u>Number of Trees</u>	<u>Unit Price (\$/inch of diameter)</u>	<u>Total Inches</u>	<u>Extension (Unit price X Total Inches)</u>
6-12”	197	\$ 19.00	2079	\$ 39,501
13-15”	291	\$ 19.75	4099	\$ 80,955.25
16-18”	272	\$ 20.25	4592	\$ 92,988
19-22”	267	\$ 21.25	4949	\$ 105,166.25
23-30”	43	\$ 25.00	1030	\$ 25,750
Total	1070			\$ 344,360.50



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Department of Utilities
Water Treatment Facility
2281 Manitowoc Rd.
Menasha, WI 54952
920-997-4200 tel.
920-997-3240 fax

To: Chairperson Vered Meltzer and Members of the Utilities Committee

From: Chris Stempa, Utilities Director

CC: Kelli Rindt, Enterprise Fund Accounting Manager

Date: March 8, 2024

Re: Utilities Committee Action: Award “Appleton Water Treatment Facility Clearwell Repairs Project” Base Bid to August Winter and Sons, Inc. in the amount of \$242,000 with 20% contingency of \$48,400 for a project total not to exceed \$290,400

BACKGROUND

The Wisconsin Department of Natural Resources (DNR) requires water storage facilities to be inspected every five years. The North Clearwell and South Clearwell at the Appleton Water Treatment Facility (1.8-million-gallon and 3.8-million-gallon storage capacities) were last inspected in 2019. Based on the 2019 inspection findings and subsequent assessments, a list of recommended repairs was identified. A project was formulated for 2024 to address these repairs and in conjunction with this work, the five-year water storage inspection will be conducted per DNR requirements.

BIDS:

On Tuesday, March 5, 2024, two bids received from area contractors were opened and reviewed. Base bid costs are summarized in Table 1 below and within the attached bid tab generated by McMahon. Each bid met the submittal requirements with August Winter and Sons, Inc. being the least cost responsible bidder at a total cost of \$242,000.

Table 1: Bid Tab Summary

Company	Base Bid
August Winter & Sons, Inc.	\$242,000
Rohde Brothers, Inc.	\$262,930

**Construction Budget = \$400,000*

FUNDING SOURCE:

The funding source for this project can be found in the 2024 Water Utility Operations and Maintenance Budget. The utility had identified \$500,000 for total project funding which includes both engineering (i.e., \$39,100 McMahan contract) and contractor costs.

RECOMMENDATION:

I am requesting an award of the Appleton Water Treatment Facility Clearwell Repairs Project base bid to August Winter and Sons, Inc. in the amount of \$242,000 with 20% contingency of \$48,400 for a project total not to exceed \$290,400.

Please contact me at 920-832-5945 if you have any questions or require additional information regarding this project.

Encl:
McMahan Letter of Recommendation
Bid Tabulation



March 6, 2024

Chris Stempa
City of Appleton Dept. of Utilities
2006 Newberry Street
Appleton, WI 54915

Re: City of Appleton Department of Utilities
Water Treatment Facility
Clearwell Repairs
Letter of Recommendation
McM. No. A0005-09-23-00594

On March 5, 2024, bids were received via Questcdn.com for the above referenced project. Two (2) bids were received, ranging in price from \$242,000.00 to \$262,930.00 (bid tabulation enclosed).

Based upon the bids received, we recommend awarding Contract A0005-09-23-00594 to the low bidder, August Winter & Sons, Inc., in the amount of \$242,000.00.

If you agree with our recommendation, please date and sign the enclosed Notices of Award, and return all copies to our office for incorporation into the Contract Documents.

If you have any questions, please feel free to contact me.

Respectfully,

McMahon Associates, Inc.

A handwritten signature in blue ink, appearing to read "D.J. Voogt".

Donald J. Voogt, P.E.
Vice President / Senior Project Manager

DJV:jlh

Enclosures: Notice of Awards (3 copies each)
Bid Tabulation

McMAHON ENGINEERS ARCHITECTS BID TABULATION

Owner:	City of Appleton Department of Utilities
Project Name:	Water Treatment Facility Clearwell Repairs
Contract No.	A0005-09-23-00594
Bid Date:	March 5, 2024
Bid Time:	Received until 1:45 p.m., Opened at 2:00 p.m.
Project Manager:	Donald J. Voogt, P.E.

Contract No. A0005-09-23-00594		AUGUST WINTER & SONS, INC. 2323 N. Roemer Road PO Box 1896 Appleton, WI 54912-1896	ROHDE BROTHERS, INC. W5745 Woodchuck Lane Plymouth, WI 53073
BASE BID (Items 1 - 6)	Base Bid to provide repairs to the drinking water clearwells at the Appleton Water Treatment Facility.	\$218,675.00	\$226,000.00
BASE BID (Item 7)	Provide expansion joint caulk repairs on clearwell floors, 100 linear feet.	\$8.25 per LF = \$825.00	\$8.30 per LF = \$830.00
BASE BID (Item 8)	Provide repairs to the spalled concrete cricket areas on the clearwell top deck, per Drawing No. 4 and these Specifications, 2,000 square feet	\$11.25 per SF = \$22,500.00	\$18.05 per SF = \$36,100.00
BASE BID TOTAL (Lump Sum)		\$242,000.00	\$262,930.00
Bid Breakout #1 (Lump Sum)	Included in the Base Bid is the cost to replace the two (2) 42-inch by 72-inch stainless steel slide gates in clearwell.	\$58,000.00	81,100.00
Bid Breakout #2 (Lump Sum)	Included in the Base Bid is the cost to replace the gearbox and replace the stem on the 36-inch high service butterfly valve, including removing and reinstalling the valve.	\$24,500.00	\$21,070.00
Bid Security - 5%		Yes	Yes
Addenda - #1		Yes	Yes



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DEPARTMENT OF PUBLIC WORKS
Engineering Division
100 North Appleton Street
Appleton, WI 54911
TEL (920) 832-6474

To: Utilities Committee
From: Luke Vandenberg, Engineer
Peter Neuberger, P.E. City Engineer
Danielle Block, P.E. Director of Public Works
Date: March 6, 2024
Re: Lead and Galvanized Service Line Update - 2024

LSL Replacement Program – By the Numbers Update As of January 30, 2024

Background Information:

The City of Appleton takes the issues of lead in drinking water very seriously and because property owners in Appleton own a portion of their water service lines (see illustration below), there is a shared responsibility to manage lead exposure. Effective January 19, 2022, the City of Appleton enacted new ordinance, Section 20-44: Lead and Galvanized Water Service Line Replacement, which requires all property owners to replace their lead or galvanized service line within one (1) year of written notification from the City. <https://www.appleton.org/government/public-works/lead-service-program>

Lead Service Line (LSL):

A portion of pipe that is made of lead, which connects the water main to the building inlet. A lead service line may be owned by the water system, owned by the property owner, or both. For the purposes of this subpart, a galvanized service line is considered a lead service line if it ever was or is currently downstream of any lead service line or service line of unknown material. If the only lead piping serving the home is a lead gooseneck, pigtail, or connector, and it is not a galvanized service line that is considered a lead service line, the service line is not a lead service line (40 CFR §141.2).

*Since we do not have the historical records of the downstream material the city is required to classify all galvanized downstream of unknown material, which then classifies the service line as an LSL.

Galvanized Requiring Replacement (GRR):

If the galvanized service line is or ever was at any time downstream of an LSL or is currently downstream of a lead status unknown service line. If the water system is unable to demonstrate that the galvanized service line was never downstream of an LSL, it must presume there was an upstream LSL (40 CFR §141.84(a)(4)(ii)).

*Again, we must presume there was an upstream LSL since we cannot demonstrate if the line was ever downstream of an LSL. Then technically speaking, this GRR line is now classified as an LSL as defined above.

Non-Compliance:

LSLs are identified as non-compliant when they have been invited to participate in the city replacement

program and did not participate. Three letters are sent to property owners. First, initial invite to program. Second (typically 30 days after first), extended invite to program. Third (typically 30 days after second), non-compliance letter issued to have service line replaced within one year of non-compliance date. If pipe is not replaced within one year timeframe, official non-compliance orders are created, and additional notifications are sent following non-compliance procedures and policies.

Historical Numbers:

2022

123 LSLs Replaced – 79 LSL / 44 GRR

TOTAL COST= \$497,312.13 (100% Funded by WDNR principal forgiveness funds)

Avg. cost per property = \$4,043.19

2023

154 LSLs Replaced - 83 LSL / 71 GRR

TOTAL COST= \$475,103.13 (100% Funded by ARPA set aside funds)

Avg. cost per property = \$3,082.00

Future Program Numbers:

2024

276 LSLs scheduled – 9 LSL / 267 GRR

To be completed under two City Department of Public Works (DPW) Projects

- Y24 - 100% funded by remaining ARPA set aside funds (\$524,896.87 to be awarded)
- U24 – 100% funded by WDNR principal forgiveness funds (\$611,302.00 to be awarded)

**Non-Compliance (4 LSL / 2 GRR) ordinance requires replacement in 2024 by property owner.*

2025 - 2029

903 LSLs to be scheduled - 0 LSL / 903 GRR

Future funding strategies currently being defined between DPW, Finance, and Utilities.

WATER MAIN BREAK/ JOINT LEAK REPORT - JANUARY 2024

YEARLY WATER MAIN BREAK COMPARISON

MONTH 24	MONTH 23	YTD 24	YTD 23
7	9	7	9

LOCATION	BREAK DATE	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**	TOTAL DOLLAR VALUE FOR BREAK* <small>(Water Costs + Repair Costs)</small>
317 N. White Oak Dr.	1/5/2024	309269	CIP	8"	1969	6" Split	4 Days and 12 Hours	195,883	\$1,190.97	\$10,190.97
NOTES: The break was found due to hydrant testing. The duration was calculated by the soil saturation and the size of the split.										
W Prospect Ave. & S. Fairview St.	1/9/2024	309269	CIP	8"	Pre 1930	1/16" Crack	9 Days	5,871,103	\$35,696.31	\$44,696.31
NOTES: The break was found by water bubbling in the street. The duration was calculated as the resident heard water running for weeks so went back to Jan. 1 2024.										
609 N. Canterbury Dr.	1/14/2024	309269	CIP	8"	1967	1/16" Crack	6 Hours	99,869	\$607.20	\$9,607.20
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the call and the amount of water bubbling.										
618 E. Mitchell Ave.	1/14/2024	309269	DIP	8"	1978	3" Hole	4 Hours	364,672	\$2,217.21	\$11,217.21
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the call and the amount of water bubbling.										
618 E. Mitchell Ave.	1/14/2024	309269	DIP	8"	1978	3" Hole	4 Hours	364,672	\$2,217.21	\$11,217.21
NOTES: This break was found while repairing the first break at this location. Crew could see a void under the concrete and found another 3" hole that blew at same time.										

**Water Loss is calculated at the residential rate of \$6.08 per 1000 gallons.

LOCATION	BREAK DATE	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**	TOTAL DOLLAR VALUE FOR BREAK* (Water Costs + Repair Costs)
225 W. Lindbergh St.	1/19/2024	309269	CIP	8"	1950	1/16" Crack	4 Hours	51,572	\$313.56	\$9,313.56

NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the call and the amount of water bubbling.

2401 S. Harmon St.	1/21/2024	309269	CIP	6"	1956	1/16" Crack	6 Hours	68,376	\$415.73	\$9,415.73
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NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the call and the amount of water bubbling.

Total Cost =	\$105,658.17
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*In addition to the dollar value of water revenue lost, there is an average cost of \$9,000 to repair each water main break (including final restoration) and an average cost of \$630 to produce the lost water for each main break.

**Water Loss is calculated at the residential rate of \$6.08 per 1000 gallons.

WATER MAIN BREAK/ JOINT LEAK REPORT - FEBRUARY 2024

YEARLY WATER MAIN BREAK COMPARISON

MONTH 24	MONTH 23	YTD 24	YTD 23
7	11	14	20

LOCATION	BREAK DATE	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**	TOTAL DOLLAR VALUE FOR BREAK* <small>(Water Costs + Repair Costs)</small>
104' E. of N. Mason St. on W. Lorain St.	2/1/2024	309269	CIP	8"	1968	1/8" Crack	32 Days	21,893,920	\$133,115.03	\$142,115.03
NOTES: The break was found due to noise on a hydrant while testing. The duration was calculated by the soil saturation and the break size.										
1420 E. Jardin St.	2/1/2024	309269	CIP-150	6"	1958	4" Hole	2 Hours	324,153	\$1,970.85	\$10,970.85
NOTES: The break was found due to a call in by the Fire Department who had used the hydrant near the break. The duration was calculated by the time of the call and the was										
W. Reid Dr. & Reid Ct.	2/3/2024	309269	CIP	6"	1928	1/4" Crack and two 2 1/2" Holes	6 Hours	1,003,236	\$6,099.67	\$15,099.67
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the call and the amount of water bubbling.										
618 E. Mitchell Ave.	2/3/2024	309269	DIP	8"	1978	Two 3" Holes	4 Hours	364,672	\$2,217.21	\$11,217.21
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the call and the amount of water bubbling.										
1917 N. Harriman St.	2/6/2024	309269	CIP	6"	1940	1/8" Crack	37 Days	16,191,429	\$98,443.89	\$107,443.89
NOTES: The break was found due to water surfacing on the road. The duration was calculated by the soil saturation and the amount of water running.										

**Water Loss is calculated at the residential rate of \$6.08 per 1000 gallons.

LOCATION	BREAK DATE	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**	TOTAL DOLLAR VALUE FOR BREAK* (Water Costs + Repair Costs)
425 E. Parkway Blvd.	2/9/2024	309269	CIP	6"	1935	1/10" Crack	40 Days	16,789,485	\$102,080.07	\$111,080.07
NOTES: The break was found due to noise on a hydrant while testing. The duration was calculated by the soil saturation and the the size of the crack around the pipe.										
1713 S. Schaefer Cir.	2/15/2024	309269	DIP	8"	1980	3" Hole	4 Hours	399,478	\$2,428.83	\$11,428.83
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the call and the amount of water bubbling.										

Total Cost =	\$409,355.55
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*In addition to the dollar value of water revenue lost, there is an average cost of \$9,000 to repair each water main break (including final restoration) and an average cost of \$630 to produce the lost water for each main break.

**Water Loss is calculated at the residential rate of \$6.08 per 1000 gallons.