

# 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:** 2022 Annual Report

**County:** Waukesha

**Municipality:** Mukwonago, Village

**Permit Number:** S050075

**Facility Number:** 35717

**Reporting Year:** 2022

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

Under s. 283.53(3)(a), a general MS4 permittee is required to reapply for permit coverage at least 180 days prior to the expiration date of the permit .

In order to acknowledge that you are reapplying for permit coverage, please check the following box:

## 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:** Mukwonago, Village

**Facility ID # or (FIN):** 35717

**Updated Information:**  Check to update mailing address information

**Mailing Address:** 440 River Crest Court

**Mailing Address 2:**

**City:** Mukwonago, Village

**State:** WI

**Zip Code:** 53149      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:** Ron

**Last Name:** Bittner

Select to **update** current contact information

**Title:** PW Director

**Mailing Address:** 440 River Crest Court

**Mailing Address 2:**

**City:** Mukwonago

**State:** WI

**Zip Code:** 53149      xxxxx or xxxxx-xxxx

**Phone Number:** 262-363-6447      Ext:      xxx-xxx-xxxx

**Email:** rbittner@villageofmukwonago.com

**Additional Contacts Information (Optional)**

Individual with responsibility for:  
(Check all that apply)

- I&E Program
- 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: Ron

Last Name: Bittner

Select to **update** current contact information

Title: Director of Public Works

Mailing Address: 440 River Crest Court

Mailing Address 2:

City: Mukwonago

State: WI

Zip Code: 53149 xxxxx or xxxxx-xxxx

Phone Number: 262-363-6447 Ext:  xxx-xxx-xxxx

Email: rbittner@villageofmukwonago.com

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

Yes  No

Public Education and Outreach Waukesha County

Public Involvement and Participation Waukesha County

- Illicit Discharge Detection and Elimination
- Construction Site Pollutant Control Ruekert & Mielke, Inc.
- Post-Construction Storm Water Management
- 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. The permit requires that both passive and interactive mechanisms are utilized. How many interactive mechanisms were used during the reporting year?

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

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- Construction sites and post-construction storm water management
- Pollution prevention
- Green infrastructure/low impact development
- Other:

- Developers
- Industries
- Public Officials
- Other

Topics Covered	Target Audience
<ul style="list-style-type: none"> <li><input type="checkbox"/> Illicit discharge detection and elimination</li> <li><input type="checkbox"/> Household hazardous waste disposal/pet waste management/vehicle washing</li> <li><input type="checkbox"/> Yard waste management/pesticide and fertilizer application</li> <li><input type="checkbox"/> Stream and shoreline management</li> <li><input checked="" type="checkbox"/> Residential infiltration</li> <li><input type="checkbox"/> Construction sites and post-construction storm water management</li> <li><input checked="" type="checkbox"/> Pollution prevention</li> <li><input type="checkbox"/> Green infrastructure/low impact development</li> <li><input type="checkbox"/> Other: <input type="text"/></li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> General Public</li> <li><input type="checkbox"/> Public Employees</li> <li><input type="checkbox"/> Residents</li> <li><input type="checkbox"/> Businesses</li> <li><input type="checkbox"/> Contractors</li> <li><input checked="" type="checkbox"/> Developers</li> <li><input type="checkbox"/> Industries</li> <li><input type="checkbox"/> Public Officials</li> <li><input type="checkbox"/> Other</li> </ul>

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d. Will additional information/summary of 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.*

Staff met with three HOAs and a developer to walk their ponds and discuss inspections and the process involved. Orchards II HOA 4/18, Belinsky Homes 4/19, Fox River View HOA & residents 4/19, & Phantom Preserve Condo Association 9/1.

### 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 2 : Complete

### 2. Public Involvement and Participation

a. Permit Activities. Complete the following information on Public Involvement and Participation Activities related to storm water. Select the Delivery Mechanism that best describes how the permit activities were conveyed to your population. Use the Add Event to add additional entries.

<b>Event Start Date</b>	3/16/2022		
<b>Project/Event Name</b>	Village Board Meeting		
<b>Delivery Mechanism</b>	Government Event (Public Hearing, Council Meeting, etc)		
Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
<input checked="" type="checkbox"/> MS4 Annual Report <input type="checkbox"/> Storm Water Management Program <input type="checkbox"/> Storm Water related ordinance <input type="checkbox"/> Other:	<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 checked="" type="checkbox"/> Public Officials <input type="checkbox"/> Other	51-100	<input type="radio"/> Yes <input checked="" type="radio"/> No

b. Volunteer Activities. Complete the following information on Public Involvement and Participation Activities related to storm water. Select the Delivery Mechanism that best describes how volunteer activities were conveyed to your population. Use the Add Event to add additional entries.

<b>Event Start Date</b>	4/22/2022 <input type="checkbox"/> NA (Individual Permittee).		
<b>Project/Event Name</b>	Earth Day Litter Collection		
<b>Delivery Mechanism</b>	Other hands-on event		
Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
Volunteer Opportunity	<input checked="" type="checkbox"/> General Public <input type="checkbox"/> Public Employees <input checked="" type="checkbox"/> Residents <input type="checkbox"/> Businesses <input type="checkbox"/> Contractors <input type="checkbox"/> Developers <input type="checkbox"/> Industries <input type="checkbox"/> Public Officials <input type="checkbox"/> Other	Select...	<input type="radio"/> Yes <input checked="" type="radio"/> No
<b>Event Start Date</b>	4/22/2022 <input type="checkbox"/> NA (Individual Permittee).		
<b>Project/Event Name</b>	Earth Day Litter Collection		
<b>Delivery Mechanism</b>	Other hands-on event		



Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
Volunteer Opportunity	<input checked="" type="checkbox"/> General Public <input 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	Select...	<input type="radio"/> Yes <input checked="" type="radio"/> No

<b>Event Start Date</b>	5/1/2022 <input type="checkbox"/> NA (Individual Permittee).
<b>Project/Event Name</b>	Citizen Stream Monitoring
<b>Delivery Mechanism</b>	Stream monitoring

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
Volunteer Opportunity	<input checked="" type="checkbox"/> General Public <input type="checkbox"/> Public Employees <input checked="" type="checkbox"/> Residents <input type="checkbox"/> Businesses <input type="checkbox"/> Contractors <input type="checkbox"/> Developers <input type="checkbox"/> Industries <input type="checkbox"/> Public Officials <input type="checkbox"/> Other	11-50	<input checked="" type="radio"/> Yes <input type="radio"/> No

<b>Event Start Date</b>	1/1/2022 <input type="checkbox"/> NA (Individual Permittee).
<b>Project/Event Name</b>	Adopt A Drain
<b>Delivery Mechanism</b>	Other hands-on event

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

	<input type="checkbox"/> Other		
<b>Event Start Date</b>	2/3/2022	<input type="checkbox"/> NA (Individual Permittee).	
<b>Project/Event Name</b>	Workshop		
<b>Delivery Mechanism</b>	Other hands-on event		
<b>Topics Covered</b>	<b>Target Audience</b>	<b>Estimated People Reached (Optional)</b>	<b>Regional Effort (Optional)</b>
Volunteer Opportunity	<input checked="" type="checkbox"/> General Public <input checked="" type="checkbox"/> Public Employees <input checked="" type="checkbox"/> Residents <input type="checkbox"/> Businesses <input checked="" type="checkbox"/> Contractors <input checked="" type="checkbox"/> Developers <input type="checkbox"/> Industries <input checked="" type="checkbox"/> Public Officials <input checked="" 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.*

Village organizations and businesses conduct litter cleanup on Earth Day. Presentation on the annual report allowing comments and questions from the VB and residents. See attached Public Education & Outreach Report from Waukesha County

### 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?   | 141 | <input type="checkbox"/> Unsure |
| b. How many outfalls did the municipality evaluate as part of their routine ongoing field screening program?     | 23  | <input type="checkbox"/> Unsure |
| c. From the municipality's routine screening, how many were confirmed illicit discharges?                        | 0   | <input type="checkbox"/> Unsure |
| d. How many illicit discharge complaints did the municipality receive?   | 0   | <input type="checkbox"/> Unsure |
| e. From the complaints received, how many were confirmed illicit discharges?                                     | 0   | <input type="checkbox"/> Unsure |
| f. How many of the identified illicit discharges did the municipality eliminate in the reporting year (from both | 0   | <input type="checkbox"/> Unsure |

routine screening and complaints)?

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

- g. How many of the following enforcement mechanisms did the municipality  Unsure use to enforce its illicit discharge ordinance? Check all that apply and enter the number of each used in the reporting year.

<input checked="" type="checkbox"/> Verbal Warning	0
<input checked="" type="checkbox"/> Written Warning (including email)	0
<input checked="" type="checkbox"/> Notice of Violation	0
<input checked="" type="checkbox"/> Civil Penalty/ Citation	0

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.*

The village evaluates all priority outfalls annually. The remaining outfalls are divided into 5 zones and each of zone's major outfalls are inspected once per permit cycle.

## 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? 16  Unsure
- 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? 4  Unsure
- 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)? 196  Unsure
- d. 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.  Unsure
- |   |     |
|---|-----|
| <input type="checkbox"/> No Authority                                 |     |
| <input checked="" type="checkbox"/> Verbal Warning                    | 129 |
| <input checked="" type="checkbox"/> Written Warning (including email) | 129 |
| <input checked="" type="checkbox"/> Notice of Violation               | 1   |
| <input checked="" type="checkbox"/> Civil Penalty/ Citation           | 0   |

- Stop Work Order 0
- Forfeiture of Deposit 0
- 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.*

Commercial and sites greater than one acre are inspected by the contracted village engineering firm. The village engineer works with the DPW director on compliance and enforcement issues.

### 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 sites with new structural storm water management Best Management Practice (BMP) have received local approval ?   Unsure  
\*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  Unsure
- c. If Yes, how many privately owned storm water management facilities were inspected in the reporting year ?   Unsure  
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  Unsure
- e. If yes, does MS4 have maintenance authority on these privately owned BMPs?   Unsure
- f. How many municipally owned storm water management BMPs were inspected in the reporting year?   Unsure
- 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.
- No Authority
  - Verbal Warning

<input checked="" type="checkbox"/> Written Warning (including email)	2
<input checked="" type="checkbox"/> Notice of Violation	0
<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.*

Private BMP owners are required to inspect their facilities per the SWMA and provide the village with the reports when requested. Village staff monitor private structures and notify owners when issues are observed.

### 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 structural storm water management best management practices.   Unsure
- b. How many new municipally owned storm water management best management practices were installed in the reporting year?   Unsure
- c. How many municipally owned storm water management best management practices were inspected in the reporting year?   Unsure
- d. What elements are looked at during inspections (250 character limit)?
- e. How many of these facilities required maintenance?   Unsure
- 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.*

The village monitors municipal BMP's with event and annual inspections. Inspection reports are available on request.

Public Works Yards & Other Municipally Owned Properties (SWPPP Plan Review)  Not Applicable

- g. How many municipal properties require a SWPPP?   Unsure
- h. How many inspections of municipal properties have been conducted in the reporting year?   Unsure
- i. Have amendments to the SWPPPs been made?  
 Yes  No  Unsure
- 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.*

SWPPP inspections are conducted 4 times a year. General house keeping is performed as needed when issues arise.

Collection Services - Street Sweeping / Cleaning Program  Not Applicable

- l. Did the municipality conduct street sweeping/cleaning during the reporting year?  
 Yes  No  Unsure
- m. If known, how many tons of material was removed?   Unsure
- n. Does the municipality have a low hazard exemption for this material?  Yes  No
- o. If street cleaning 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 Urban street sections are swept four time annually  
 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  Unsure
- q. How many catch basin sumps were cleaned in the reporting year?   Unsure
- r. If known, how many tons of material was collected?   Unsure
- 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 one fifth of the CBs are cleaned annually.  
 No - Explain \_\_\_\_\_  
 Not Applicable

Collection Services - Leaf Collection Program  Not Applicable

- u. Does the municipality conduct curbside leaf collection?  Yes  No  Unsure
- v. Does the municipality notify homeowners about pickup?  Yes  No  Unsure
- w. Where are the residents directed to store the leaves for collection?

Pile on terrace  Pile in street  Bags on terrace  Unsure

Other - Describe \_\_\_\_\_

- x. What is the frequency of collection?

2, November and December

- y. Is collection followed by street sweeping/cleaning?  Yes  No  Unsure

- z. Brief explanation on Collection Services 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*

The village contracts out for leaf collection services. Yard waste collections in November and December target leaves. Leaves are required to be placed on the terrace in compostable paper bags. Gutter leaves are collected with the street sweeper.

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.)   Unsure

- 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	0	0	141	135	144	50

Liquids (gallons) (ex. brine)

	Oct	Nov	Dec	Jan	Feb	Mar
Brine	0	0	2104	9771	2793	12436

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

Training Date	Training Name	# Attendance
11/28/2022	Salt/brine truck calibration training	6

- 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*

Staff participated in hands on equipment calibration.

## 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  Unsure

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

Leaf collection is contracted, sweeper operations for new staff, SWPPP new staff and annual refresher, winter calibration annually,

When: 7/13/23 12/13/23

How many attended: 6

- 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

Elected officials; Staff meetings, Pre construction meetings and development meetings.

Municipal Officials

Municipal Officials; Plan commission, committee and board meetings and annual MS4 report presentation.

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

Department heads and staff; Staff and development 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.*

## Missing Information

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## Minimum Control Measures - Section 7 : Complete

### 7. Storm Sewer System Map

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

Yes  No  Unsure

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.*

The revised map is submitted with the report.

## Missing Information

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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

2250	1466	2250	<u>General revenue fund</u>
200	177	200	<u>Storm water utility</u>

#### Element: Public Involvement and Participation

2250	1466	2250	<u>General revenue fund</u>
200	177	200	<u>Storm water utility</u>

#### Element: Illicit Discharge Detection and Elimination

4170	2290	4170	<u>General revenue fund</u>
5579	3434	5579	<u>Tax Incremental Finance District.</u>

#### Element: Construction Site Pollutant Control

7500	7500	7500	<u>Permit fee and/or deposit/escrow</u>
2500	2500	2500	<u>Other</u>

#### Element: Post-Construction Storm Water Management

484607	445943	0	<u>Other</u>
5000	3715	5000	<u>General revenue fund</u>

#### Element: Pollution Prevention

26693	19994	26700	<u>General revenue fund</u>
12724	6185	21750	<u>Storm water utility</u>

**Other (describe)**

Select...

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

Four ponds were dredged as part of the CIP.

### 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)

### 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.*

Do not close your work until you SAVE.

**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.

### Storm Sewer System Map

 File Attachment

[2023MS4MapUpdate-20230210.pdf](#)

### Attach - Other Supporting Documents

#### AR EO

 File Attachment

[PublicEducationOutreachWC.pdf](#)

#### AR IP

 File Attachment

[PublicEducationOutreachVillage.pdf](#)

#### AR CSPC

 File Attachment

[ErosionControl.pdf](#)

#### AR IDDE

 File Attachment

[IllicitDischarge.pdf](#)

#### AR BMPInspSum

 File Attachment

[MunicipalOwnedBMPInspections.pdf](#)

#### AR LeafYardMgmt

 File Attachment

[YardWaste.pdf](#)

#### AR MuniFacInsp

 File Attachment

[SWPPPInspections.pdf](#)

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## AR WintRdMain

 File Attachment

[eventsalt-brine22-23.pdf](#)

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## AR WintRdMain

 File Attachment

[Antilcing22-23.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**

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### EO Program

 File Attachment

[2.pdf](#)

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### IP Program

 File Attachment

[2.pdf](#)

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### IDDE Program

 File Attachment

[2.pdf](#)

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### CS Program

 File Attachment

[2.pdf](#)

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### PCSSW Program

 File Attachment

[2.pdf](#)

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### PP BMPInventory

 File Attachment

[2.pdf](#)

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### PP BMPInsp

 File Attachment

[2.pdf](#)

(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 Mukwonago, Village 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.



**INFORMATION AND EDUCATION LEDGER OF ACTIVITIES**

General Public	1	1-10	2022	Jan	2022	1-10	Pewaukee	100	storm sewer display with Adopt a Drain information at City Hall during tax time
General Public	7	1-7-22	Jan 2022	social media	1	1-7-22	Pewaukee	1	social awareness week post reached 2875 with 169 engagements
General Public	7	1-10-22	Jan 2022	social media	1	1-10-22	Pewaukee	1	press release for Salt Awareness Week
General Public	7	1-18-22	Jan 2022	social media	1	1-18-22	Pewaukee	1	social media for Salt Awareness at Bark N Brew for Janboree with 133 reached and 2 engagements
General Public	2	1-21-22	Jan 2022	social media	75	1-21-22	Waukesha	75	outreach table at Minooka Beer Garden, "Bark n Brew" event to get out info on salt use and pet waste and promote Salt Awareness Week
General Public	2	1-22-22	Jan 2022	presentation	18	1-22-22	virtual	18	program for a group of teenagers associated with SEWA non profit group
General Public	7	1-24-22	Jan 2022	social media	1	1-24-22	virtual	1	social media post for Salt Awareness Week with 377 reached and 13 engagements
General Public	7	1-24-22	Jan 2022	social media	361	1-24-22	virtual	361	webinar on Environmental Toll of Salt
General Public	7	1-25-22	Jan 2022	social media	1	1-25-22	virtual	1	social media post for Salt Awareness Week with 54 reached
General Public	7	1-25-22	Jan 2022	presentation	519	1-25-22	virtual	519	webinar on salt in our drinking water
General Public	7	1-26-22	Jan 2022	presentation	421	1-26-22	virtual	421	webinar on what happens to water softener salt
General Public	7	1-27-22	Jan 2022	presentation	280	1-27-22	virtual	280	webinar on activities to teach about salt
General Public	7	1-28-22	Jan 2022	presentation	95	1-28-22	virtual	95	webinar panel discussion on salt reduction efforts across the state
General Public	7	2-2-22	Feb 2022	TV media	1	2-2-22	Waukesha	1	Segment on Morning Blend TV show covering wise salt use and picking up after your pet
Teachers and Students	1	2-2-22	Feb 2022	presentation	65	2-2-22	Retzer	65	I Live in a Watershed program for Banting Elementary 2nd grade
Teachers and Students	2	2-3-22	Feb 2022	presentation	55	2-3-22	Retzer	55	I Live in a Watershed at Retzer for Brookfield Academy 6th grade
Contractors, Dev. & Consul	7	2-3-22	Feb 2022	workshop	40	2-3-22	virtual	40	Smart Salting for Parking Lots and Sidewalks virtual training
Teachers and Students	2	2-7-22	Feb 2022	presentation	9	2-7-22	Pewaukee	9	watershed program at Asa Clark Middle school in Pewaukee for environmental club
General Public	3	2-16-22	Feb 2022	workshop	7	2-16-22	Waukesha	7	Splash and Trash talk with nutrient and snow/salt management for school facilities managers
General Public	2	2-16-22	Feb 2022	social media	1	2-16-22	Waukesha	1	social media post for National Tell a Fairy Tale Day-Poop Fairy isn't real...pick up after your dog!
General Public	5	3-1-22	Mar 2022	press release	1	3-1-22	Retzer	1	press release for spring workshop with soils class
General Public	2	3-1-22	Mar 2022	presentation	16	3-1-22	Retzer	16	Outdoor Classroom on Water Cycle- emphasis on decreasing runoff
General Public	5	3-2-22	Mar 2022	TV media	1	3-2-22	Retzer	1	appearance on Morning Blend TV show to promote spring workshops--soils
General Public	5	3-2-22	Mar 2022	TV media	24	3-2-22	Retzer	24	volunteer appreciation for Stream Monitors
General Public	9	3-5-22	Mar 2022	presentation	50	3-5-22	New Berlin	50	career day for Poplar Creek elementary
Teachers and Students	2	3-11-22	Mar 2022	presentation	46	3-11-22	Retzer	46	spring workshop session on Soils with emphasis on infiltration with healthy soils
General Public	5	3-21-22	Mar 2022	press release	1	3-21-22	Retzer	1	Press Release for Adopt a Drain new communities
General Public	1	3-22-22	Mar 2022	social media	1	3-22-22	Retzer	1	social media post for World Water Day launch of Adopt a Drain campaign in Sussex
General Public	3	3-26-21	Mar 2022	social media	1	3-26-21	Retzer	1	social media post for National Weed Appreciation Day about chemical use
General Public	7	4-6-22	Mar 2022	TV media	1	4-6-22	Retzer	1	appearance on Morning Blend TV show promoting greening your laundry room--optimize your water softener
General Public	3	4-11-22	Apr 2022	TV media	11	4-11-22	Pewaukee	11	social media post for National Pet Day about picking up after your dog
General Public	2	4-12-22	Apr 2022	presentation	195	4-12-22	virtual	195	Green Home Makeover program for Pewaukee Public Library
Contractors, Dev. & Consul	6	4-13-22	Apr 2022	workshop	30	4-13-22	virtual	30	annual stormwater workshop
Teachers and Students	2	4-14-22	Apr 2022	workshop	195	4-14-22	virtual	195	annual stormwater workshop
Teachers and Students	2	4-14-22	Apr 2022	presentation	32	4-14-22	Genesee	32	program for 4th grade as part of Earth Day event
Teachers and Students	3	4-14-22	Apr 2022	presentation	15	4-14-22	Genesee	15	program for 5th grade as part of science day event
Teachers and Students	7	4-19-22	Apr 2022	training	45	4-19-22	New Berlin	45	trained Carroll University Aquatic Ecology students to collect data for SWIMS/WAV
General Public	5	4-19-22	Apr 2022	e-mail	16	4-19-22	New Berlin	16	Home Composting training for New Berlin Library
General Public	5	4-19-22	Apr 2022	healthy soils	15	4-19-22	New Berlin	15	Follow up to Soils Workshop in March with stake info and reminder about planted undies
Teachers and Students	2	4-21-22	Apr 2022	presentation	102	4-21-22	Oconomowoc	102	staffed booth at Parklawn Elementary STEM event
Teachers and Students	2	4-22-22	Apr 2022	presentation	20	4-22-22	Mukwonago	20	career day for Orchard Lane Elementary
Teachers and Students	2	4-23-22	Apr 2022	presentation	60	4-23-22	Muskego	60	career day at Parkview Middle School
General Public	2	4-26-22	Apr 2022	presentation	7	4-26-22	Muskego	7	water action hike highlighting stream life and actions you can take at home to protect it
General Public	2	4-27-22	Apr 2022	presentation	61	4-27-22	New Berlin	61	green cleaning workshop at Inpro
Teachers and Students	2	4-28-22	Apr 2022	presentation	200	4-28-22	Pewaukee	200	program for Muskego Environmental Club
Teacher and Students	2	5-2-22	May 2022	TV media	7	5-2-22	Pewaukee	7	career day at Elmwood Elementary School
Teachers and Students	5	5-2-22	May 2022	social media	1	5-2-22	Genesee Depot	1	appearance on Morning Blend TV show talking about greening your lawn--topdress with compost for more water infiltration.
General Public	2	5-7-22	May 2022	training	38	5-7-22	Genesee Depot	38	training for WAV program at Prairie Springs Environmental Center
Teachers and Students	2	5-11-22	May 2022	presentation	38	5-11-22	Genesee Depot	38	program for kindergarten from Big Bend Elementary
Teachers and Students	2	5-12-22	May 2022	presentation	38	5-12-22	Genesee Depot	38	program for 2nd grade, Big Bend Elementary
Teachers and Students	2	5-13-22	May 2022	presentation	75	5-13-22	Sussex	75	program for kindergarten from Big Bend Elementary
Teachers and Students	2	5-13-22	May 2022	presentation	2	5-13-22	Pewaukee	2	career day for Richmond School, Sussex
General Public	9	5-16-22	May 2022	WAV monitoring	1	5-16-22	Genesee	1	benchmark for Pewaukee River at the junction with Fox
General Public	5	5-16-22	May 2022	WAV monitoring	2	5-16-22	Genesee	2	social media post about composting kitchen scraps
General Public	9	5-17-22	May 2022	WAV monitoring	90	5-17-22	Retzer	90	benchmark for Genesee Creek and Spring Brook
Teachers and Students	1	5-17-22	May 2022	presentation	400	5-17-22	Waukesha	400	stream program for Silver Lake Intermediate School from Oconomowoc
General Public	9	5-17-22	May 2022	displays and handouts	2	5-17-22	Oconomowoc	2	Follow the Flow display and handouts at Waukesha Public Library
General Public	9	5-23-22	May 2022	benchmark	2	5-23-22	Waukesha	2	Benchmark for Oconomowoc River at Elm St
General Public	9	5-23-22	May 2022	benchmark	2	5-23-22	Waukesha	2	Benchmark for Pebble Brook at Oakdale Road
General Public	5	5-23-22	May 2022	presentation	21	5-23-22	Retzer	21	Benchmark for Pewaukee River at Hwy F
Teachers and Students	5	5-24-22	May 2022	presentation	90	5-24-22	Retzer	90	Home Composting program
General Public	5	5-25-22	May 2022	presentation	9	5-25-22	Retzer	9	stream program for Silver Lake Intermediate School from Oconomowoc
General Public	4	5-26-22	May 2022	benchmark	116	5-26-22	Dousman	116	Wonderful Wetlands program for outdoor classroom
Teachers and Students	9	5-26-22	May 2022	presentation	106	5-26-22	Camp Whitcomb	106	Benchmark for Bark River at Genesee Lake Road
Teachers and Students	4	5-27-22	May 2022	presentation	40	5-27-22	Camp Whitcomb	40	Lake study program for Pewaukee 5th graders
General Public	2	5-28-22	May 2022	displays and handouts	168	5-28-22	Waukesha	168	Lake study program for Pewaukee 5th graders
General Public	2	6-1-22	Jun 2022	e-mail	40	6-1-22	Eagleville	40	staffed outreach at Minooka Park Beer Garden
Teachers and Students	1	6-2-22	Jun 2022	field experience	1	6-2-22	Eagleville	1	Adopt a Drain newsletter with articles on grass clippings and pet waste
Teachers and Students	1	6-2-22	Jun 2022	field experience	40	6-2-22	Eagleville	40	water testing on Jericho Creek with Eagleville Elementary

General Public	1	5	water resources	displays and handouts	Jun	2022	6-6 to 7-7	Sussex	300	Follow the flow display and handouts at Sussex library along with rain barrel diverter kit
General Public	2	3	water resources	presentation	Jun	2022	6-7-22	Waukesha	9	program on water resources at Waukesha Public Library
General Public	2	3	storm drain disp	presentation	Jun	2022	6-8-22	Eagle	7	program on runoff and rain barrels at public library
General Public	1	3	storm drain disp	displays and handouts	Jun	2022	8 to 6-27-4	Pewaukee	300	storm drain display on fertilizer runoff and adopt a drain at Pewaukee Library
General Public	2	3	Crystals Adventure	presentation	Jun	2022	6-10-22	Menomonee Falls	25	staffed outreach at Menomonee Falls Park beer garden
General Public	2	3	Crystals Adventure	presentation	Jun	2022	6-15-22	Retzer	15	Crystals Clean water adventure at Outdoor Classroom
General Public	9	2	Sustainability	mussel monitoring	Jun	2022	6-21-22	Retzer	7	training on mussel monitoring and id
General Public	2	5	Soil and Water	presentation	Jun	2022	6-22-22	Retzer	20	BSA Sustainability Merit Badge Class
General Public	2	3	Soil and Water	presentation	Jun	2022	6-24-22	Retzer	5	BSA Soil and Water Conservation Merit Badge Class
General Public	2	3	Home Composting	displays and handouts	Jun	2022	6-25-22	Pewaukee	250	envioscape and other materials at Clean Water Festival in pewaukee
General Public	2	3	Home Composting	displays and handouts	Jun	2022	6-1 to 6-30	Oconomowoc	400	special water themed display at Oconomowoc Public library with many handouts, banner and posters
General Public	1	3	rain barrels	presentation	Jul	2022	7-5-22	Mukwonago	7	Home composting program through the Public Library
General Public	1	3	rain barrels	presentation	Jul	2022	7-7-22	Sussex	29	rain barrel program through the Public Library
General Public	1	3	rain barrels	displays and handouts	Jul	2022	7-13-22	Retzer	50	beer garden outreach with handouts and trivia
General Public	1	7	rain barrels	presentation	Jul	2022	7-13-22	Retzer	37	stream program at Retzer for outdoor classroom
Teachers and Students	1	7	outreach	presentation	Jul	2022	7-14-22	Retzer	178	stream program at Retzer for summer school program
General Public	2	3	outreach	displays and handouts	Jul	2022	7-14-22	Waukesha	40	outreach with watershed model at Waukesha County Fair through 4-H expo
General Public	2	3	outreach	presentation	Jul	2022	7-22-22	Retzer	20	water day for Wisconsin Master Naturalist Training at Retzer
General Public	1	2	outreach	displays and handouts	Jul	2022	7-27-22	Hartland	300	Hartland Kids Fest outreach booth
General Public	1	2	outreach	displays and handouts	Jul	2022	7-1 to 7-31	Oconomowoc	400	stormwater banner with handouts at Oconomowoc Public Library
General Public	1	3	thermodynamics	presentation	Aug	2022	8-2-22	Mukwonago	300	storm drain model for National Night Out
General Public	1	3	thermodynamics	presentation	Aug	2022	8-3-22	Retzer	27	Thermodynamics class for Outdoor Classroom
General Public	1	3	rain barrels	presentation	Aug	2022	8-3-22	Sussex	300	Storm drain model for National Night Out
General Public	9	1	outreach	presentation	Aug	2022	8-4-22	Oconomowoc	0	Rain barrel program for Oconomowoc Public Library
General Public	1	3	outreach	presentation	Aug	2022	8-4-22	Oconomowoc	7	Asian Clam Survey on Oconomowoc River
General Public	1	3	outreach	mussel monitoring	Aug	2022	8-9-22	Oconomowoc	400	outreach booth at Oconomowoc Kids Fest
General Public	1	3	outreach	displays and handouts	Aug	2022	8-9-22	Oconomowoc	400	stormwater banner at primary election day
General Public	1	3	outreach	displays and handouts	Aug	2022	8-9-22	Vernon	2176	stormwater display at Village of Pewaukee primary election
General Public	1	2	outreach	displays and handouts	Aug	2022	8-9-22	Pewaukee	1200	storm water display at Village of Pewaukee primary election
General Public	1	2	outreach	displays and handouts	Aug	2022	8-9-22	Wales	675	Clean Water One Stop at a Time display boards at Village of Wales primary election
General Public	9	2	program	rain gardens	Aug	2022	8-16-22	Pewaukee	63	walking rain garden tour hosted by Green Team at Pewaukee Public Library
General Public	5	2	program	rain gardens	Aug	2022	8-20-22	Pewaukee	5	Snapshot Day search for invasive species
Teachers and Students	8	8	sustainable building	presentation	Aug	2022	8-24-22	WCTC	13	virtual program for Sustainable Building Class for WCTC
General Public	5	2	outdoor classroom	presentation	Aug	2022	8-24-22	Waukesha	26	Memory cafe program about fishing and impervious surfaces
General Public	1	2	outdoor classroom	presentation	Sep	2022	9-7-22	Retzer	0	Clean water capers program with watershed model for outdoor classroom
Teachers and Students	3	2	Healthy Soils	presentation	Sep	2022	9-7-22	Waukesha	36	healthy soils program for Prairie Elementary
Teachers and Students	1	2	water resources	presentation	Sep	2022	9-12-22	Waukesha	46	water resources program for Prairie Elementary in Waukesha
Teachers and Students	3	5	Healthy Soils	presentation	Sep	2022	9-15-22	Waukesha	66	healthy soils program for 3 classes at Rose Glen
Teachers and Students	1	2	Healthy Soils	presentation	Sep	2022	9-15-22	Waukesha	38	healthy soils program at Hatfield Elementary
General Public	2	3	Healthy Soils	displays and handouts	Sep	2022	9-17-22	Retzer	500	staffed outreach with water bugs, water quality and storm drains at Apple Harvest fest
General Public	1	2	Healthy Soils	displays and handouts	Sep	2022	9-16 to 18	North Prairie	3000	unstaffed display at annual Fall Harvest Festival
Teachers and Students	2	4	career	presentation	Sep	2022	9-21-22	virtual	100	virtual career day presentation through Junior Achievement
Teachers and Students	1	2	career	presentation	Sep	2022	9-21-22	Waukesha	44	program for 2 classes at Lowell Elementary
Teachers and Students	3	5	Healthy Soils	presentation	Sep	2022	9-27-22	Waukesha	20	healthy soils program for Hatfield Elementary
General Public	7	3	HW	Morning Blend	Oct	2022	10-5-22	Prairie Springs	1	Morning Blend appearance about Household Hazardous Waste proper disposal
General Public	1	2	WAV	training	Oct	2022	10-6-22	Retzer	10	WAV volunteer training at Master Naturalist Summit
General Public	7	3	career	presentation	Oct	2022	10-7-22	Retzer	6	soil awareness training/presentation at Master Naturalist Summit
Teachers and Students	1	3	career	presentation	Oct	2022	10-13-22	Pewaukee	45	enviroscape model for career day at Pewaukee High School
Teachers and Students	1	2	I Live in	presentation	Oct	2022	10-13-22	Waukesha	16	presentation for La Casa 7th grade students
Teachers and Students	6	8	sustainable building	presentation	Oct	2022	10-19-22	Waukesha	18	virtual program for Sustainable Building Class for WCTC
Teachers and Students	3	5	Healthy Soils	presentation	Oct	2022	10-21-22	Waukesha	35	Healthy Soils for Hawthorne Elementary
Teachers and Students	3	5	Healthy Soils	presentation	Nov	2022	11-1-22	Waukesha	30	Healthy Soils for Montessori School
General Public	1	7	Healthy Soils	presentation	Nov	2022	11-5-22	Retzer	15	Inside and Outside of Retzer Creek hike/program at Science Fest
General Public	1	2	career	displays and handouts	Nov	2022	11-5-22	Retzer	100	hands on activity table covering
Teachers and Students	7	1	career	presentation	Nov	2022	11-7-22	New Berlin	10	Career day at New Berlin West
General Public	1	2	water resources	displays and handouts	Nov	2022	11-8-22	Vernon	4660	Know B4 you Throw Display covering salt use and awareness
General Public	1	2	water resources	displays and handouts	Nov	2022	11-8-22	Wales	1639	Stormwater banner connecting storm drains to lakes and rivers
Teachers and Students	1	2	water resources	presentation	Nov	2022	11-9-22	Waukesha	45	program for 2 classes at Hawthorne Elementary
Teachers and Students	1	5	water resources	water testing	Nov	2022	11-29-22	Sussex	46	water testing class for AP Environmental Science Students at Hamilton High School
Teachers and Students	1	2	career	presentation	Dec	2022	12-2-22	New Berlin	90	career day at Elmwood Elementary School
Teachers and Students	1	2	career	presentation	Dec	2022	12-5-22	Wales	47	career day at Kettle Moraine High School
General Public	5	1	tax inserts	Morning Blend	Dec	2022	12-7-22	countywide	1	promo for rain barrel diverter and soil testing as green christmas gifts on the Morning Blend
General Public	1	3	tax inserts	displays and handouts	Dec	2022	12-19-22	Pewaukee	77000	tax inserts with basic storm drains deliver to streams, keep the water clean message
General Public	1	3	tax inserts	displays and handouts	Dec	2022	12-19-22	Pewaukee	400	display for City of Pewaukee during tax payments

# 2022 Public Participation and Outreach

1. 4/18 PW staff met with two (2) Orchards II board member to discuss pond maintenance and reporting requirements.
2. 4/19 PW staff met with the developer from Fairwinds Sub. And discussed pond maintenance issues.
3. 4/19 PW staff met with Fox River View HOA members and discussed pond maintenance and reporting responsibilities.
4. A village church conducted litter collection and local streets for Earth Day.
5. A village business conducted litter collection and local streets for Earth Day.
6. MS\$ Report presentation 3/16/22
7. DPW Presentation 6/1/22
8. Waukesha County SW Workshop 4/13-14/22
9. DNR presentation at WCPWA 10/5/22 Outfalls, Illicit Discharge and CB cleaning.
10. 9/1/22 Met with reps for Phantom Preserve Condo Ass. and completed a pond inspection as part of owner training.
11. Joined Waukesha County Adopt A Drain Program.



# Illicit Discharge Inspection Summary Report

## Illicit Discharge Flow Present? No

Work Order ID	Description	BMP Name	Location	Date
WO ID: 09232200401 ST271005 - Outfall - Minor - 16	Outfall ID: 659 Location: 647 Minors Dr.			Date: 9/23/2022 8:00:00 AM
Nearest Intersection: Minors Dr. East Termini				
Odor? <input type="checkbox"/> False	Color Issue? <input type="checkbox"/> False	Deposits? <input type="checkbox"/> False	Flow Present? <input type="checkbox"/> No	Inspector: Ron Bittner
	Floatables? <input type="checkbox"/> False	Sample Collected? <input type="checkbox"/> No	Sample taken from: <input type="text"/>	Temp: 70
WO ID: 09232200402 ST271006 - Outfall - Minor -	Outfall ID: 662 Location: 641 Minors Dr			Date: 9/23/2022 8:00:00 AM
Nearest Intersection: Minors Dr & Fritz Way				
Odor? <input type="checkbox"/> False	Color Issue? <input type="checkbox"/> False	Deposits? <input type="checkbox"/> False	Flow Present? <input type="checkbox"/> No	Inspector: Ron Bittner
	Floatables? <input type="checkbox"/> False	Sample Collected? <input type="checkbox"/> No	Sample taken from: <input type="text"/>	Temp: 70
WO ID: 09232200403 ST271007 - Outfall - Minor - 24	Outfall ID: 666 Location: 633 Minors Dr			Date: 9/23/2022 8:00:00 AM
Nearest Intersection: Minors Dr and Fritz Way				
Odor? <input type="checkbox"/> False	Color Issue? <input type="checkbox"/> False	Deposits? <input type="checkbox"/> False	Flow Present? <input type="checkbox"/> No	Inspector: Ron Bittner
	Floatables? <input type="checkbox"/> False	Sample Collected? <input type="checkbox"/> No	Sample taken from: <input type="text"/>	Temp: 70
WO ID: 09232200404 ST234001 - Outfall - Major - 72	Outfall ID: 2034 Location: Pick and Save			Date: 9/29/2022 10:06:00 AM
Nearest Intersection: Veterans Way E. & N Rochester St				
Odor? <input type="checkbox"/> False	Color Issue? <input type="checkbox"/> False	Deposits? <input type="checkbox"/> False	Flow Present? <input type="checkbox"/> No	Inspector: Ron Bittner
	Floatables? <input type="checkbox"/> False	Sample Collected? <input type="checkbox"/> No	Sample taken from: <input type="text"/>	Temp: 49
WO ID: 09232200407 ST264001 - Outfall - Minor - 24	Outfall ID: 176 Location: East termini Henry St.			Date: 9/23/2022 8:00:00 AM
Nearest Intersection: Henry St East Termini				
Odor? <input type="checkbox"/> False	Color Issue? <input type="checkbox"/> False	Deposits? <input type="checkbox"/> False	Flow Present? <input type="checkbox"/> No	Inspector: Ron Bittner
	Floatables? <input type="checkbox"/> False	Sample Collected? <input type="checkbox"/> No	Sample taken from: <input type="text"/>	Temp: 69
WO ID: 09232200412 ST351008 - Outfall - Minor - 22	Outfall ID: 878 Location: River Crest Ct			Date: 9/23/2022 8:00:00 AM
Nearest Intersection: Main Street & River Crest Ct.				
Odor? <input type="checkbox"/> False	Color Issue? <input type="checkbox"/> False	Deposits? <input type="checkbox"/> False	Flow Present? <input type="checkbox"/> No	Inspector: Ron Bittner
	Floatables? <input type="checkbox"/> False	Sample Collected? <input type="checkbox"/> No	Sample taken from: <input type="text"/>	Temp: 37

**Illicit Discharge**

**Flow Present? No**

WO ID: 09232200414    Outfall ID: 1449    Location: CNRR bridge & STH 83    Date: 9/23/2022 8:00:00 AM  
ST351002 - Outfall - Major - 36

Nearest Intersection: STH 83 & Front St    Flow Present?  No    Flow Description:     Inspector:  Ron Bittner    Temp:  68    Time:  01:50 PM  
Odor?  False    Color Issue?  False    Deposits?  False    Floatables?  False    Sample Collected?  No    Sample taken from:

WO ID: 09232200418    Outfall ID: 537    Location: Wolf Run East    Date: 9/23/2022 8:00:00 AM  
ST254002 - Outfall - Major - 36

Nearest Intersection: Wolf Run East Termini    Flow Present?  No    Flow Description:     Inspector:  Ron Bittner    Temp:  67    Time:  12:27 PM  
Odor?  False    Color Issue?  False    Deposits?  False    Floatables?  False    Sample Collected?  No    Sample taken from:

WO ID: 09232200419    Outfall ID: 544    Location: Wolf Run    Date: 9/23/2022 8:00:00 AM  
ST361002 - Outfall - Major - 54

Nearest Intersection: Wolf Run East Termini 9    Flow Present?  No    Flow Description:     Inspector:  Ron Bittner 9    Temp:  65    Time:  12:09 PM  
Odor?  False    Color Issue?  False    Deposits?  False    Floatables?  False    Sample Collected?  No    Sample taken from:

WO ID: 09232200420    Outfall ID: 2050    Location: Wolf Run East    Date: 9/23/2022 8:00:00 AM  
ST361003 - Outfall - Major - 4876

Nearest Intersection: Wolf Run East & Maple    Flow Present?  No    Flow Description:     Inspector:  Ron Bittner    Temp:  64    Time:  12:02 PM  
Odor?  False    Color Issue?  False    Deposits?  False    Floatables?  False    Sample Collected?  No    Sample taken from:

WO ID: 09232200421    Outfall ID: 516    Location: Maple Ave    Date: 9/23/2022 8:00:00 AM  
ST361001 - Outfall - Minor - 2438

Nearest Intersection: Maple Ave & Wolf Run East    Flow Present?  No    Flow Description:     Inspector:  Ron Bittner    Temp:  64    Time:  11:57 AM  
Odor?  False    Color Issue?  False    Deposits?  False    Floatables?  False    Sample Collected?  No    Sample taken from:

WO ID: 09232200425    Outfall ID: 2866    Location: TID5 North    Date: 9/23/2022 8:00:00 AM  
ST011103 - Outfall - Major - 36

Nearest Intersection: STH 83 & Boxhorn Dr    Flow Present?  No    Flow Description:     Inspector:  Ron Bittner    Temp:  61    Time:  11:15 AM  
Odor?  False    Color Issue?  False    Deposits?  False    Floatables?  False    Sample Collected?  No    Sample taken from:

WO ID: 09232200426    Outfall ID: 2840    Location: TID 5 South    Date: 9/23/2022 8:00:00 AM  
ST011078 - Outfall - Major -

**Illicit Discharge**

**Flow Present? No**

Nearest Intersection: STH 83 & Boxhorn Dr Flow Present?  No Flow Description:  Inspector:  Ron Bittner Temp:  Time:

Odor?  False Color Issue?  False Deposits?  False Floatables?  False Sample Collected?  No Sample taken from:

WO ID: 09232200427 Outfall ID: 667 Location: 609 Minors Dr Date: 9/23/2022 8:00:00 AM  
ST271008 - Outfall - Major - 36

Nearest Intersection: Minors Dr and Fritz Way Flow Present?  No Flow Description:  Inspector:  Ron Bittner Temp:  Time:

Odor?  False Color Issue?  False Deposits?  False Floatables?  False Sample Collected?  No Sample taken from:

WO ID: 100422001 Outfall ID: 1218 Location: Minors park Date: 10/4/2022 8:00:00 AM  
ST262001 - Outfall - Major -

Nearest Intersection: Eagle Lake Ave and Minors Dr Flow Present?  No Flow Description:  Inspector:  Ron Bittner Temp:  Time:

Odor?  False Color Issue?  False Deposits?  False Floatables?  False Sample Collected?  No Sample taken from:

WO ID: 100422002 Outfall ID: 1014 Location: Wahl Ave West termini Date: 10/4/2022 8:00:00 AM  
ST263001 - Outfall - Major -

Nearest Intersection: Wahl Ave West Termini Flow Present?  No Flow Description:  Inspector:  Ron Bittner Temp:  Time:

Odor?  False Color Issue?  False Deposits?  False Floatables?  False Sample Collected?  No Sample taken from:

WO ID: 100422003 Outfall ID: 1830 Location: Atkinson St. West termini Date: 10/4/2022 8:00:00 AM  
ST263005 - Outfall - Major - 48

Nearest Intersection: Atkinson St and Shore Dr Flow Present?  No Flow Description:  Inspector:  Ron Bittner Temp:  Time:

Odor?  False Color Issue?  False Deposits?  False Floatables?  False Sample Collected?  No Sample taken from:

Work Order ID Description BMP Name Location Date  
WO ID: 09232200406 Outfall ID: 1304 Location: Greenridge Shopping Center Date: 9/29/2022 9:38:00 AM  
ST252002 - Outfall - Major - 36

Nearest Intersection: Fox Street & Mckenzie Dr. Flow Present?  Yes Flow Description:  Trickle Inspector:  Ron Bittner Temp:  Time:

Odor?  False Color Issue?  False Deposits?  False Floatables?  False Sample Collected?  Yes Sample taken from:

WO ID: 09232200408 Outfall ID: 2026 Location: Mackenzie Dr. and Perkins Dr. Date: 9/23/2022 8:00:00 AM  
ST252001 - Outfall - Major - 48

Nearest Intersection: Mckenzie Dr. and Perkins Dr. Flow Present?  Yes Flow Description:  Trickle Inspector:  Ron Bittner Temp:  Time:

**Illicit Discharge**

**Flow Present? Yes**

WO ID: 09232200409    Outfall ID: 2023    Location: 1200 Holz Pkwy    Date: 9/29/2022 11:04:00 AM  
GSOFO02 - Grass Swale Outfall - Major -

Nearest Intersection: Holz Pkwy & Perkins Dr    Flow Present?  Yes    Flow Description:  Trickle    Inspector: Ron Bittner    Temp:  59    Time:  11:11 AM  
Odor?  False    Color Issue?  False    Deposits?  False    Floatables?  False    Sample Collected?  Yes    Sample taken from:  Flow

WO ID: 09232200410    Outfall ID: 2025    Location: 929 Empire Dr    Date: 9/29/2022 11:20:00 AM  
GSOFO04 - Grass Swale Outfall - Major -

Nearest Intersection: Holz Pkwy & Swan Dr    Flow Present?  Yes    Flow Description:  Trickle    Inspector: Ron Bittner    Temp:  59    Time:  11:22 AM  
Odor?  False    Color Issue?  False    Deposits?  False    Floatables?  False    Sample Collected?  Yes    Sample taken from:

WO ID: 09232200417    Outfall ID: 531    Location: Wolf Run East    Date: 9/23/2022 8:00:00 AM  
ST254001 - Outfall - Major - 4836

Nearest Intersection: Wolf Run East    Flow Present?  Yes    Flow Description:  Trickle    Inspector: Ron Bittner    Temp:  Wolf Ru    Time:  12:46 PM  
Odor?  False    Color Issue?  True    Deposits?  False    Floatables?  False    Sample Collected?  Yes    Sample taken from:  Flow

WO ID: 09232200424    Outfall ID: 2061    Location: Dewey Dr East Termini    Date: 9/23/2022 8:00:00 AM  
ST363008 - Outfall - Major - 48

Nearest Intersection: STH 83 & Dewey Dr    Flow Present?  Yes    Flow Description:  Trickle    Inspector: Ron Bittner    Temp:  68    Time:  02:12 PM  
Odor?  False    Color Issue?  True    Deposits?  False    Floatables?  False    Sample Collected?  Yes    Sample taken from:

Structure Number

ST363008

Inspection Date

10/24/2022

Investigator

Ron Bittner

Form Completed By

Ron Bittner

Inspection Time

2:12 PM

Subwatershed

Mukwonago

DATA

Temperature

68

Rainfall in Last 24 hrs

0

Rainfall in Last 48 hrs

0

Land Use in Drainage Area

Industrial

Nearest Intersection

STH 83 & Dewey Dr

OUTFALL DESCRIPTION

Closed Pipe

Open Drainage

Material

Concrete

Shape

Round

Submerged

Yes

No

Flow Description

Trickle

Depth

FT

Length

FT

Width

FT

Flow Present

Yes

No

Time of Travel

SEC

Time to Fill

SEC

Total Flow Volume

CU  
FT

PHYSICAL INDICATORS

Odor

Color

Turbidity

Floatables

Odor Description

Color Description

Clear

Turbidity Description

Floatables Description

Other Description

Outfall Damage

Deposits

Abnormal Vegetation

Poor Pool Quality

Outfall Damage Description

Deposits Description

Abnormal Vegetation Desc.

Poor Pool Quality Description

Other Description

LAB

Sample Collected

Yes

No

Collected From

Flow

Pool

Sample Temperature

59

Sample pH

7.0

Ammonia

0

mg/l

Copper

0

mg/l

Chlorine

0

mg/l

Phenols

0

mg/l

Surfactants

mg/l

Detergents

0

mg/l

Total Coliform

Positive

Negative



Structure Number

ST254001

Inspection Date

11/02/2022

Investigator

Ron Bittner

Form Completed By

Ron Bittner

Inspection Time

12:46 PM

Subwatershed

Fox

DATA

Temperature

Wolf Run East Terr

Rainfall in Last 24 hrs

0

Rainfall in Last 48 hrs

0

Land Use in Drainage Area

Commercial/Auto r

Nearest Intersection

Wolf Run East

OUTFALL DESCRIPTION

Closed Pipe

Open Drainage

Material

Concrete

Shape

Box

Submerged

Yes

No

Flow Description

Trickle

Depth

FT

Length

FT

Width

FT

Flow Present

Yes

No

Time of Travel

SEC

Time to Fill

SEC

Total Flow Volume

CU  
FT

PHYSICAL INDICATORS

Odor

Color

Turbidity

Floatables

Odor Description

Color Description

Clear

Turbidity Description

Floatables Description

Other Description

Outfall Damage

Deposits

Abnormal Vegetation

Poor Pool Quality

Outfall Damage Description

Deposits Description

Abnormal Vegetation Desc.

Poor Pool Quality Description

Other Description

LAB

Sample Collected

Yes

No

Collected From

Flow

Pool

Sample Temperature

67

Sample pH

7.0

Ammonia

0

mg/l

Copper

0

mg/l

Chlorine

0

mg/l

Phenols

0

mg/l

Surfactants

mg/l

Detergents

0

mg/l

Total Coliform

Positive

Negative

Structure Number

GSOFO04

Inspection Date

09/29/2022



Investigator

Ron Bittner

Form Completed By

Ron Bittner

Inspection Time

11:22 AM



Subwatershed

Mukwonago

DATA

Temperature

59

Rainfall in Last 24 hrs

0

Rainfall in Last 48 hrs

0

Land Use in Drainage Area

Industrial

Nearest Intersection

Holz Pkwy & Swan Dr

OUTFALL DESCRIPTION

Closed Pipe



Open Drainage



Material

Vegetated



Shape

Swale



Submerged

Yes

No

Flow Description

Trickle



Depth

FT

Length

FT

Width

FT

Flow Present



Yes



No

Time of Travel

SEC

Time to Fill

SEC

Total Flow Volume

CU FT

PHYSICAL INDICATORS

Odor



Color



Turbidity



Floatables



Odor Description



Color Description



Turbidity Description



Floatables Description



Other Description

Outfall Damage



Deposits



Abnormal Vegetation



Poor Pool Quality



Outfall Damage Description



Deposits Description



Abnormal Vegetation Desc.

Excessive



Poor Pool Quality Description



Other Description

LAB

Sample Collected



Yes



No

Collected From



Flow



Pool

Sample Temperature

58

Sample pH

7

Ammonia

mg/l

Copper

0

mg/l

Chlorine

0

mg/l

Phenols

0

mg/l

Surfactants

mg/l

Detergents

0

mg/l

Total Coliform

Positive

Negative

Lab Notes

Structure Number

GSOFO02

Inspection Date

09/29/2022

Investigator

Ron Bittner

Form Completed By

Ron Bittner

Inspection Time

11:11 AM

Subwatershed

Mukwonago

DATA

Temperature

59

Rainfall in Last 24 hrs

0

Rainfall in Last 48 hrs

0

Land Use in Drainage Area

Industrial

Nearest Intersection

Holz Pkwy & Perkins Dr

OUTFALL DESCRIPTION

Closed Pipe

Open Drainage

Material

Vegetated

Shape

Swale

Submerged

Yes

No

Flow Description

Trickle

Depth

FT

Length

FT

Width

FT

Flow Present

Yes

No

Time of Travel

SEC

Time to Fill

SEC

Total Flow Volume

CU FT

PHYSICAL INDICATORS

Odor

Color

Turbidity

Floatables

Odor Description

Color Description

Turbidity Description

Floatables Description

Other Description

Outfall Damage

Deposits

Abnormal Vegetation

Poor Pool Quality

Outfall Damage Description

Deposits Description

Abnormal Vegetation Desc.

Excessive

Poor Pool Quality Description

Other Description

LAB

Sample Collected

Yes

No

Collected From

Flow

Pool

Sample Temperature

54

Sample pH

7

Ammonia

0

mg/l

Copper

0

mg/l

Chlorine

0

mg/l

Phenols

0

mg/l

Surfactants

mg/l

Detergents

0

mg/l

Total Coliform

Positive

Negative

Lab Notes

Structure Number

ST252001

Inspection Date

09/29/2022

Investigator

Ron Bittner

Form Completed By

Ron Bittner

Inspection Time

11:01 PM

Subwatershed

Mukwonago

DATA

Temperature

46

Rainfall in Last 24 hrs

0

Rainfall in Last 48 hrs

0

Land Use in Drainage Area

Industrial

Nearest Intersection

McKenzie Dr. and Perkins Dr.

OUTFALL DESCRIPTION

Closed Pipe

Open Drainage

Material

Precast

Shape

Elliptical

Submerged

Yes

No

Flow Description

Trickle

Depth

FT

Length

FT

Width

FT

Flow Present

Yes

No

Time of Travel

SEC

Time to Fill

SEC

Total Flow Volume

CU  
FT

PHYSICAL INDICATORS

Odor

Color

Turbidity

Floatables

Odor Description

Color Description

Turbidity Description

Floatables Description

Other Description

Outfall Damage

Deposits

Abnormal Vegetation

Poor Pool Quality

Outfall Damage Description

Deposits Description

Abnormal Vegetation Desc.

Excessive

Poor Pool Quality Description

Other Description

LAB

Sample Collected

Yes

No

Collected From

Flow

Pool

Sample Temperature

56

Sample pH

7

Ammonia

0 mg/l

Copper

0 mg/l

Chlorine

0 mg/l

Phenols

0 mg/l

Surfactants

mg/l

Detergents

0 mg/l

Total Coliform

Positive  Negative

Lab Notes

Structure Number

ST252002

Inspection Date

09/29/2022

Investigator

Ron Bittner

Form Completed By

Ron Bittner

Inspection Time

9:41 AM

Subwatershed

Mukwonago

DATA

Temperature

46

Rainfall in Last 24 hrs

0

Rainfall in Last 48 hrs

0

Land Use in Drainage Area

Commercial

Nearest Intersection

Fox Street & Mckenzie Dr.

OUTFALL DESCRIPTION

Closed Pipe

Open Drainage

Material

Concrete

Shape

Round

Submerged

Yes

No

Flow Description

Trickle

Depth

FT

Length

FT

Width

FT

Flow Present

Yes

No

Time of Travel

SEC

Time to Fill

SEC

Total Flow Volume

CU  
FT

PHYSICAL INDICATORS

Odor

Color

Turbidity

Floatables

Odor Description

Color Description

Clear

Turbidity Description

Floatables Description

Other Description

Outfall Damage

Deposits

Abnormal Vegetation

Poor Pool Quality

Outfall Damage Description

Deposits Description

Abnormal Vegetation Desc.

Poor Pool Quality Description

Other Description

LAB

Sample Collected

Yes

No

Collected From

Flow

Pool

Sample Temperature

53

Sample pH

7

Ammonia

0

mg/l

Copper

0

mg/l

Chlorine

0

mg/l

Phenols

0

mg/l

Surfactants

mg/l

Detergents

0

mg/l

Total Coliform

Positive

Negative

Lab Notes

# Work Orders

ID	Logged By	Division	Department	Type	Location	Description	Activity Description	Status	Assigned To	Priority	Begin Date	End Date
041222001	Ebrown	Storm	Public Works	Storm	Wolf Run	Ec-20220104 Deback Drive Nc	Erosion Control Inspection	Closed		1	01/04/2022	01/04/2022
01/04/2022		General		General	Wolf Run	Ec-20220112 Deback Drive Nc	Erosion Control Inspection	Unassigned		1	01/04/2022	01/04/2022
041222002	Ebrown	Storm	Public Works	Storm	Wolf Run	Ec-20220112 Deback Drive Nc	Erosion Control Inspection	Closed		1	01/12/2022	01/12/2022
01/12/2022		General		General	Wolf Run	Ec-20220119 Deback Drive Nc	Erosion Control Inspection	Unassigned		1	01/19/2022	01/19/2022
041222003	Ebrown	Storm	Public Works	Storm	Wolf Run	Ec-20220127 Deback Drive Nc	Erosion Control Inspection	Closed		1	01/27/2022	01/27/2022
01/19/2022		General		General	Wolf Run	Ec-20220201 Deback Drive Nc	Erosion Control Inspection	Unassigned		1	02/01/2022	02/01/2022
041222005	Ebrown	Storm	Public Works	Storm	Wolf Run	Ec-20220208 Deback Drive Nc	Erosion Control Inspection	Closed		1	02/08/2022	02/08/2022
01/27/2022		General		General	Wolf Run	Ec-20220208 Deback Drive Nc	Erosion Control Inspection	Unassigned		1	02/08/2022	02/08/2022
041222006	Ebrown	Storm	Public Works	Storm	Wolf Run	Ec-20220215 Deback Drive Nc	Erosion Control Inspection	Closed		1	02/15/2022	02/15/2022
02/01/2022		General		General	Wolf Run	Ec-20220221 Deback Drive Nc	Erosion Control Inspection	Unassigned		1	02/21/2022	02/21/2022
041222007	Ebrown	Storm	Public Works	Storm	Wolf Run	Ec-20220303 Deback Drive Nc	Erosion Control Inspection	Closed		1	03/03/2022	03/03/2022
02/08/2022		General		General	Wolf Run	Ec-20220311 Deback Drive Nc	Erosion Control Inspection	Unassigned		1	03/11/2022	03/11/2022
041222008	Ebrown	Storm	Public Works	Storm	Wolf Run	Ec-20220311 Deback Drive Nc	Erosion Control Inspection	Closed		1	03/11/2022	03/11/2022
02/02/2022		General		General	Wolf Run	Ec-20220311 Deback Drive Nc	Erosion Control Inspection	Unassigned		1	03/11/2022	03/11/2022
041222009	Ebrown	Storm	Public Works	Storm	Wolf Run	Ec-20220311 Deback Drive Nc	Erosion Control Inspection	Closed		1	03/11/2022	03/11/2022
02/21/2022		General		General	Wolf Run	Ec-20220311 Deback Drive Nc	Erosion Control Inspection	Unassigned		1	03/11/2022	03/11/2022
041222010	Ebrown	Storm	Public Works	Storm	Wolf Run	Ec-20220311 Deback Drive Nc	Erosion Control Inspection	Closed		1	03/11/2022	03/11/2022
03/03/2022		General		General	Wolf Run	Ec-20220311 Deback Drive Nc	Erosion Control Inspection	Unassigned		1	03/11/2022	03/11/2022
041222011	Ebrown	Storm	Public Works	Storm	Wolf Run	Ec-20220311 Deback Drive Nc	Erosion Control Inspection	Closed		1	03/11/2022	03/11/2022
03/11/2022		General		General	Wolf Run	Ec-20220311 Deback Drive Nc	Erosion Control Inspection	Unassigned		1	03/11/2022	03/11/2022

ID	Logged By	Division	Location		Status	Priority
			Department	Description		
Logged Date	Type	Activity Description			End Date	
041222012		Storm	Wolf Run		Closed	1
Ebrown	Public Works	Ec-20220316 Deback Drive Nc		Unassigned	03/16/2022	
03/16/2022	General	Erosion Control Inspection			03/16/2022	
041222013		Storm	Wolf Run		Closed	1
Ebrown	Public Works	Ec-20220323 Deback Drive Nc		Unassigned	03/23/2022	
03/23/2022	General	Erosion Control Inspection			03/23/2022	
041222014		Storm	Wolf Run		Closed	1
Ebrown	Public Works	Ec-20220401 Deback Drive Nc		Unassigned	04/12/2022	
04/12/2022	General	Erosion Control Inspection			04/12/2022	
041222015		Storm	Wolf Run		Closed	1
Ebrown	Public Works	Ec-20220407 Deback Drive Nc		Unassigned	04/07/2022	
04/07/2022	General	Erosion Control Inspection			04/07/2022	
041222016		Storm	110 Chapman Farm Blvd		Closed	1
Ebrown	Public Works	Ec-20220328 Aman's Beer + Wine Nc		Unassigned	03/28/2022	
03/28/2022	General	Erosion Control Inspection			03/28/2022	
041222017		Storm	110 Chapman Farm Blvd		Closed	1
Ebrown	Public Works	Ec-20220405 Aman's Beer + Wine Nc		Unassigned	04/05/2022	
04/05/2022	General	Erosion Control Inspection			04/05/2022	
041222018		Storm	110 Chapman Farm Blvd		Closed	1
Ebrown	Public Works	Ec-20220411 Aman's Beer And Wine Nc		Unassigned	04/11/2022	
04/11/2022	General	Erosion Control Inspection			04/11/2022	
041222019		Storm	1655 Van Buren Rd		Closed	1
Ebrown	Public Works	Ec-20220328 Midwest Storage Nc		Unassigned	03/28/2022	
03/28/2022	General	Erosion Control Inspection			03/28/2022	
041222020		Storm	210 Mcdivitt Ln		Closed	1
Ebrown	Public Works	Ec-20220303 Birchrock Castle Addition Nc		Unassigned	03/03/2022	
03/03/2022	General	Erosion Control Inspection			03/03/2022	
041222021		Storm	210 Mcdivitt Ln		Closed	1
Ebrown	Public Works	Ec-20220309 Birchrock Castle Addition Nc		Unassigned	03/09/2022	
03/09/2022	General	Erosion Control Inspection			03/09/2022	
041222022		Storm	210 Mcdivitt Ln		Closed	1
Ebrown	Public Works	Ec-20220315 Birchrock Castle Addition Nc		Unassigned	03/15/2022	
03/15/2022	General	Erosion Control Inspection			03/15/2022	

ID	Logged By	Division	Location	Status	Priority
Logged Date	Department	Type	Description	Assigned To	Begin Date
Activity Description					End Date
041222023		Storm	637 Augusta Dr	Closed	1
Ebrown	Public Works		Ec-20220315 Minor Estate Nc	Unassigned	03/15/2022
03/15/2022	General		Erosion Control Inspection		03/15/2022
041222024		Storm	Not Assigned	Closed	1
Ebrown	Public Works		Ec-20220323 Minor Estate Nc	Unassigned	03/23/2022
03/23/2022	General		Erosion Control Inspection		03/23/2022
041222025		Storm	Not Assigned	Closed	1
Ebrown	Public Works		Ec-20220329 Minor Estate Nc	Unassigned	03/29/2022
03/29/2022	General		Erosion Control Inspection		03/29/2022
041222028		Storm	Chapman Farm Blvd	Closed	1
Ebrown	Public Works		Ec-20220321 Chapman Farms Phase 2 Nc	Unassigned	03/21/2022
03/21/2022	General		Erosion Control Inspection		03/21/2022
041222029		Storm	Chapman Farm Blvd	Closed	1
Ebrown	Public Works		Ec-20220405 Chapman Farms Phase 2 Nc	Unassigned	04/05/2022
04/05/2022	General		Erosion Control Inspection		04/05/2022
041222030		Storm	200 Grand Ave Unit 1	Closed	1
Ebrown	Public Works		Ec-20220321 200 Grand Condominions	Unassigned	03/21/2022
03/21/2022	General		Erosion Control Inspection		03/21/2022
041222031		Storm	200 Grand Ave Unit 1	Closed	1
Ebrown	Public Works		Ec-20220329 200 Grand Condominions	Unassigned	03/29/2022
03/29/2022	General		Erosion Control Inspection		03/29/2022
041222032		Storm	Not Assigned	Closed	1
Ebrown	Public Works		Ec-20220328 Meadowland Townhomes Nc	Unassigned	03/28/2022
03/28/2022	General		Erosion Control Inspection		03/28/2022
041222033		Storm	Holz Pkwy	Closed	1
Ebrown	Public Works		Ec-20220323 Milwaukee Tool Parking Lot Nc	Unassigned	03/23/2022
03/23/2022	General		Erosion Control Inspection		03/23/2022
041222034		Storm		Closed	1
Ebrown	Public Works		Ec-20220303 Banker Wire 2021 Expansion Nc	Unassigned	03/03/2022
03/03/2022	General		Erosion Control Inspection		03/03/2022
041222035		Storm		Closed	1
Ebrown	Public Works		Ec-20220411 Banker Wire 2021 Expansion Nc	Unassigned	04/11/2022
04/11/2022	General		Erosion Control Inspection		04/11/2022



ID	Division	Location	Status	Priority
Logged By	Department	Description	Assigned To	Begin Date
Logged Date	Type	Activity Description		End Date
041222036	Storm	1633 Grey Fox Trl Unit A	Closed	1
Ebrown	Public Works	Ec-20220303 Edgewood Meadows Nc	Unassigned	03/03/2022
03/03/2022	General	Erosion Control Inspection		03/03/2022
041222037	Storm	1633 Grey Fox Trl Unit A	Closed	1
Ebrown	Public Works	Ec-20220411 Edgewood Meadows Nc	Unassigned	04/11/2022
04/11/2022	General	Erosion Control Inspection		04/11/2022
041822003	Storm	Wolf Run	Closed	1
Ebrown	Public Works	Ec-20220418 Deback Drive Nc	Unassigned	04/18/2022
04/18/2022	General	Erosion Control Inspection		04/18/2022
041822004	Storm	Wolf Run	Closed	1
Ebrown	Public Works	Ec-20220414 Deback Drive Nc	Unassigned	04/14/2022
04/14/2022	General	Erosion Control Inspection		04/14/2022
041822007	Storm	Chapman Farm Blvd	Closed	1
Ebrown	Public Works	Ec-20220418 Chapman Farms Phase 2	Unassigned	04/18/2022
04/18/2022	General	Erosion Control Inspection		04/18/2022
042222001	Storm	110 Chapman Farm Blvd	Closed	1
Ebrown	Public Works	Ec-20220411 Aman's Beer + Wine Nc	Unassigned	04/11/2022
04/11/2022	General	Erosion Control Inspection		04/11/2022
042222002	Storm	110 Chapman Farm Blvd	Closed	1
Ebrown	Public Works	Ec-20220419 Aman's Beer + Wine	Unassigned	04/19/2022
04/19/2022	General	Erosion Control Inspection		04/19/2022
042222003	Storm	1632 Grey Fox Trl Unit 20	Closed	1
Ebrown	Public Works	Ec-20220411 Edgewood Meadows - 704 Cardinal Lane Nc	Unassigned	04/11/2022
04/11/2022	General	Erosion Control Inspection		04/11/2022
042222004	Storm	1632 Grey Fox Trl Unit 20	Closed	1
Ebrown	Public Works	Ec-20220419 Edgewood Meadows - 704 Cardinal Lane Nc	Unassigned	04/19/2022
04/19/2022	General	Erosion Control Inspection		04/19/2022
042222005	Storm	1633 Grey Fox Trl Unit A	Closed	1
Ebrown	Public Works	Ec-20220411 Edgewood Meadows Nc	Unassigned	04/11/2022
04/11/2022	General	Erosion Control Inspection		04/11/2022
042222006	Storm	1633 Grey Fox Trl Unit A	Closed	1
Ebrown	Public Works	Ec-20220419 Edgewood Meadows Nc	Unassigned	04/19/2022
04/19/2022	General	Erosion Control Inspection		04/19/2022

ID	Logged By	Division	Location	Status	Priority
Logged Date	Department	Description	Assigned To	Begin Date	End Date
Type	Activity Description				
042222007		Storm	Not Assigned	Closed	1
Ebrown	Public Works	Ec-20220422 Meadowland Townhomes Nc	Unassigned	Unassigned	04/19/2022
04/19/2022	General	Erosion Control Inspection		Unassigned	04/19/2022
042222009		Storm	Not Assigned	Closed	1
Ebrown	Public Works	Ec-20220419 Minor Estates Phase 4 Nc	Unassigned	Unassigned	04/19/2022
04/19/2022	General	Erosion Control Inspection		Unassigned	04/19/2022
042222010		Storm	210 Mcdivitt Ln	Closed	1
Ebrown	Public Works	Ec-20220419 Birchrock Castle Addition Nc	Unassigned	Unassigned	04/19/2022
04/19/2022	General	Erosion Control Inspection		Unassigned	04/19/2022
042222011		Storm	1655 Van Buren Rd	Closed	1
Ebrown	Public Works	Ec-20220419 Midwest Storage Nc	Unassigned	Unassigned	04/19/2022
04/19/2022	General	Erosion Control Inspection		Unassigned	04/19/2022
042222013		Storm	Holz Pkwy	Closed	1
Ebrown	Public Works	Ec-20220419 Milwaukee Tool Parking Lot Expansion Nc	Unassigned	Unassigned	04/19/2022
04/19/2022	General	Erosion Control Inspection		Unassigned	04/19/2022
042922001		Storm	1633 Grey Fox Trl Unit A	Closed	1
Mbruns	Public Works	Erosion Control Inspection	Unassigned	Unassigned	04/28/2022
04/28/2022	General	Erosion Control Inspection		Unassigned	04/28/2022
042922003		Storm	1632 Grey Fox Trl Unit 20	Closed	1
Mbruns	Public Works	Erosion Control Inspection	Unassigned	Unassigned	04/28/2022
04/28/2022	General	Erosion Control Inspection		Unassigned	04/28/2022
042922004		Storm	110 Chapman Farm Blvd	Closed	1
Mbruns	Public Works	Erosion Control Inspection	Unassigned	Unassigned	04/28/2022
04/28/2022	General	Erosion Control Inspection		Unassigned	04/28/2022
042922005		Storm	Not Assigned	Closed	1
Mbruns	Public Works	Erosion Control Inspection	Unassigned	Unassigned	04/28/2022
04/28/2022	General	Erosion Control Inspection		Unassigned	04/28/2022
042922006		Storm	Not Assigned	Closed	1
Mbruns	Public Works	Erosion Control Inspection	Unassigned	Unassigned	04/28/2022
04/28/2022	General	Erosion Control Inspection		Unassigned	04/28/2022
050922002		Storm	Wolf Run	Closed	1
Ebrown	Public Works	Ec-20220509 Deback Drive Nc	Unassigned	Unassigned	05/09/2022
05/09/2022	General	Erosion Control Inspection		Unassigned	05/09/2022

ID	Division	Location	Status	Priority
Logged By	Department	Description	Assigned To	Begin Date
Logged Date	Type	Activity Description		End Date
050922003	Storm	200 Grand Ave Unit 1	Closed	1
Ebrown	Public Works	Ec-20220509 Grand Condos Nc	Unassigned	05/09/2022
05/09/2022	General	Erosion Control Inspection		05/09/2022
051022002	Storm	Chapman Farm Blvd	Closed	1
Ebrown	Public Works	Ec-20220509 Chapman Farms Phase 2 Nc	Unassigned	05/09/2022
05/09/2022	General	Erosion Control Inspection		05/09/2022
051122007	Storm	Not Assigned	Closed	1
Mbruns	Public Works	Erosion Control Inspection	Unassigned	05/05/2022
05/05/2022	General	Erosion Control Inspection		05/05/2022
052022003	Storm	Not Assigned	Closed	1
Mbruns	Public Works	Erosion Control Inspection	Unassigned	05/18/2022
05/18/2022	General	Erosion Control Inspection		05/18/2022
052722005	Storm	210 Grand Ave	Closed	1
Mbruns	Public Works	Erosion Control Inspection	Unassigned	05/24/2022
05/24/2022	General	Erosion Control Inspection		05/24/2022
052722006	Storm	Chapman Farm Blvd	Closed	1
Mbruns	Public Works	Erosion Control Inspection	Unassigned	05/24/2022
05/24/2022	General	Erosion Control Inspection		05/24/2022
060622003	Storm	101 Arrowhead Dr	Closed	1
Mbruns	Public Works	Erosion Control Inspection	Unassigned	06/02/2022
06/02/2022	General	Erosion Control Inspection		06/02/2022
060622005	Storm	Not Assigned	Closed	1
Mbruns	Public Works	Erosion Control Inspection	Unassigned	06/02/2022
06/02/2022	General	Erosion Control Inspection		06/02/2022
060822001	Storm	Chapman Farm Blvd	Closed	1
Ebrown	Public Works	Ec-20220607 Chapman Farms Phase 2 Nc	Unassigned	06/07/2022
06/07/2022	General	Erosion Control Inspection		06/07/2022
060822002	Storm	110 Chapman Farm Blvd	Closed	1
Ebrown	Public Works	Ec-20220607 Aman's Liquor Nc	Unassigned	06/07/2022
06/07/2022	General	Erosion Control Inspection		06/07/2022
060822003	Storm	200 Grand Ave Unit 1	Closed	1
Ebrown	Public Works	Ec-20220607 200 Grand Condos Nc	Unassigned	06/07/2022
06/07/2022	General	Erosion Control Inspection		06/07/2022

ID	Logged By	Logged Date	Division	Department	Type	Location	Description	Activity Description	Status	Assigned To	Priority	Begin Date	End Date
062222006	Mbruns	06/13/2022	Storm	Public Works	General	110 Chapman Farm Blvd	Erosion Control Inspection	Not Assigned	Closed	Unassigned	1	06/13/2022	06/14/2022
062222009	Mbruns	06/13/2022	Storm	Public Works	General	101 Arrowhead Dr	Erosion Control Inspection	Not Assigned	Closed	Unassigned	1	06/13/2022	06/13/2022
071522002	Mbruns	07/11/2022	Storm	Public Works	General	101 Arrowhead Dr	Erosion Control Inspection	Not Assigned	Closed	Unassigned	1	07/11/2022	07/11/2022

Development Name:      Location:      Parcel ID:      Facility Type:      TSS Yield - No Controls (lbs)      % Reduction      Total P Yield - No Controls (lbs)      Total P Yield - With Controls (lbs)      % Reduction

Hill Court Reload - Multi-Tenant Building      Located at the end of Hill Court in TID #5      A493600002      Wet Pond & RainTrol Roof Drainings      4,574      803.8      82.43%      10.06      1.754      82.56%

IDC - 600 Perkins Drive      Located at the end of Perkins Drive (600 Perkins Drive)      MUKV1973941      Wet Pond 1      2,799      270.94      90.30%      8.72      3.28      62.40%

# Work Orders

ID	Logged By	Division	Location	Status	Priority
Logged Date	Department	Type	Description	Assigned To	Begin Date
Logged Date	Type	Activity Description		End Date	
081722007		Pond/Bmp		Closed	1
Rbittner	Public Works			Kevin Vanaacken	08/17/2022
08/17/2022	General	Bmp Inspection - Wet Pond			08/17/2022
081722009		Pond/Bmp	Robert Dr.	Closed	1
Rbittner	Public Works			Kevin Vanaacken	08/17/2022
08/17/2022	General	Bmp Inspection - Wet Pond			08/17/2022
081722011		Pond/Bmp	Miniwaukan Middle	Closed	1
Rbittner	Public Works			Kevin Vanaacken	08/17/2022
08/17/2022	General	Bmp Inspection - Wet Pond			08/17/2022
081722013		Pond/Bmp	Holz Parkway	Closed	1
Rbittner	Public Works			Kevin Vanaacken	08/17/2022
08/17/2022	General	Bmp Inspection - Wet Pond			11/08/2022
081722014		Pond/Bmp	Holz Parkway	Closed	1
Rbittner	Public Works			Kevin Vanaacken	08/17/2022
08/17/2022	General	Bmp Inspection - Wet Pond			08/17/2022
081722015		Pond/Bmp	Holz Parkway	Closed	1
Rbittner	Public Works			Kevin Vanaacken	08/17/2022
08/17/2022	General	Bmp Inspection - Wet Pond			08/17/2022
081722016		Pond/Bmp	Wolf Run East	Closed	1
Rbittner	Public Works			Kevin Vanaacken	08/17/2022
08/17/2022	General	Bmp Inspection - Wet Pond			08/17/2022
081722017		Pond/Bmp	Dewey Dr.	Closed	1
Rbittner	Public Works			Kevin Vanaacken	08/17/2022
08/17/2022	General	Bmp Inspection - Wet Pond			08/17/2022
081722018		Pond/Bmp	Tid 5 North	Closed	1
Rbittner	Public Works		Behind Super Products	Kevin Vanaacken	08/17/2022
08/17/2022	General	Bmp Inspection - Wet Pond			08/17/2022
081722019		Pond/Bmp	Tid 5 South	Closed	1
Rbittner	Public Works		Behind Banker Wire	Kevin Vanaacken	08/17/2022
08/17/2022	General	Bmp Inspection - Wet Pond			08/17/2022

# Work Orders

ID	Logged By	Logged Date	Division	Department	Type	Location	Description	Activity Description	Status	Assigned To	Priority	Begin Date	End Date
081722008	Rbittner	08/17/2022	Pond/Bmp	Public Works	General	Library			Closed	Kevin Vanaacken	1	08/17/2022	08/17/2022

# THE VILLAGE OF MUKWONAGO

## Fourth Quarter 2022 Recycling Report

Single Stream, Tons	Year Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Mixed Paper	323.4	76.9	82.0	77.0	87.5
Cardboard	149.3	35.5	37.9	35.5	40.4
Glass	170.0	40.4	43.1	40.5	46.0
#1 Plastic	24.9	5.9	6.3	5.9	6.7
#2 Natural HDPE	8.2	2.0	2.1	2.0	2.2
#2 Colored HDPE	8.4	2.0	2.1	2.0	2.3
#3-7 Plastic	6.6	1.6	1.7	1.6	1.8
Rigid Plastic***	3.3	0.8	0.8	0.8	0.9
Tin Cans	20.7	4.9	5.3	4.9	5.6
Al Cans	6.6	1.6	1.7	1.6	1.8
<b>Single Stream Total</b>	<b>721</b>	<b>172</b>	<b>183</b>	<b>172</b>	<b>195</b>

Recycled Bulk, Tons*	Year Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Antifreeze	0.08	0.00	0.01	0.03	0.04
Appliances	2.31	0.46	0.47	1.10	0.29
Batteries	0.75	0.00	0.05	0.12	0.58
Cardboard	3.11	0.60	0.27	1.34	0.90
Metal	3.84	0.85	0.52	1.57	0.90
Oil	2.06	0.08	0.15	0.91	0.91
Tires	7.96	0.60	0.59	3.49	3.28
<b>Recycled Bulk Total</b>	<b>20.10</b>	<b>2.60</b>	<b>2.04</b>	<b>8.56</b>	<b>6.90</b>

<b>Total Recyclables</b>	<b>742</b>	<b>174</b>	<b>185</b>	<b>180</b>	<b>202</b>
<b>Total Garbage**</b>	<b>2537</b>	<b>541</b>	<b>655</b>	<b>697</b>	<b>644</b>

\*Please note that JOHNS does not recycle polystyrene foam.

\*\*Total garbage weight includes weekly garbage and residual garbage removed from recyclables.

\*\*\*Rigid Plastic is not to be included in grant reporting

Population	8126	<i>Year to date pounds per capita recycled. WI DNR requires 107 pounds per year.</i>	<b>177.6</b>
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Yard Waste	Year Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
	84.8	0.0	22.1	12.0	50.7

Recycling Compliance	Year Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Warning Tags	3	0	1	0	2
Written Warnings	1	0	0	1	0

Report completed by:  
 Johns Disposal Service, Inc.  
 107 Co Rd U  
 Whitewater, WI 53190  
 (262) 473-4700



Whitewater & Franksville, WI





# Village of Mukwonago

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440 River Crest Court, Mukwonago, Wisconsin 53149  
[www.villageofmukwonago.com](http://www.villageofmukwonago.com) | (262) 363-6447 | Fax: (262)363-7197

## Village of Mukwonago Storm Water Pollution Prevention Plan for Municipal Property

**Site:** Village of Mukwonago Public Works Department Site  
630 Veterans Way East Mukwonago, WI 53149

**Contact info.:** Ron Bittner, Director of Public Works  
262-363-6447  
[rbittner@villageofmukwonago.com](mailto:rbittner@villageofmukwonago.com)

### Site Description

The Public Works Department property located at 630 CTH NN E. is the central location for the department's activities and storage. Facilities include the repair shop and parking garage, salt shed, sand shed, cold storage building, outdoor storage, police impound and a fueling station. The fueling center is utilized by the Inspections, Utilities, DPW, Police and Fire Departments.

The Public Works yard is a six-acre parcel; the department utilizes approximately five of these acres. The remaining acreage is zoned environmental corridor. A municipal well and water tower are located on the southwest corner of the property. The property is bordered on the south by CTH NN E., the Canadian National Railroad on the west and farm fields owned by the St. James Parish on the east. The eastern and western property lines intersect on the north.

The Public Works yard was established in 1972. The main building was remodeled along with a 9,000 SFT addition in 2000. A 1,000-ton salt shed was added to the compound in 2011.

### Runoff Prevention Practices and Maintenance Activities

The Village of Mukwonago has been covered under the WPDES Municipal Storm Separate Sewer System (MS4) Discharge Permit WI-S050075-2 since 2009. Staff submitted a Storm Water Pollution Prevention Plan (SWPPP) map for the Public Works yard, which helped identify efficiencies and pollution prevention practices that could be installed to protect the nearby water resources. Staff is in the process of removing discarded materials that have been stored in the yard and consolidating other items into smaller, more manageable areas, thus removing potential sources of pollution. Removing obsolete equipment and consolidating materials on site also means fewer runoff prevention practices are necessary, and less time installing, maintaining, and inspecting these practices associated with this task.

Runoff from the Village's Public Works yard flows to the west towards a swale adjacent the Canadian National RR tracks. The pavement changes to gravel before entering the swale on the west side of the property. Runoff from the pavement area partially infiltrates into a gravel area prior to entering the swale. The Village of Mukwonago continues to evaluate potential runoff pollution resulting from the Public Works yard activities and has implemented measures to reduce pollution.

The following actions and improvements have been implemented at the Village of Mukwonago DPW yard:

- Installing bays around stockpiled material
- Using wattles around stockpile not contained within a bin.
- Tarping street sweepings and stockpiles.
- Modern salt shed.
- Replacement of obsolete equipment with multi use units. This process allows the department to free up inside equipment storage.
- Installation of a new electronic fueling station with maximum fill control per specific vehicle.
- Vehicle washing and rinsing be done indoors.
- Vehicle maintenance completed in repair shop.
- 

Maintenance and inspections are critical for ensuring prevention activities function properly. Without inspections or maintenance, debris, and pollutants such as sediment, metals, nutrients, etc., that are captured can become a source of pollution if excess amounts are carried out with rain and snow melt. Any inspections and maintenance of storm water pollution practices should be documented and recorded for comparison and evaluation of their performance.

Building of stockpile containment bins was started several years ago, cold patch material and street sweepings are currently binned and tarped. Any material that spills or is tracked away from the immediate storage area is swept up and deposited back onto the piles. Loose salt that spills or is tracked away from the shed entrance during delivery is swept up and placed in the shed. Any excess salt that spills during loading of trucks during a snow/ice event is also swept up and placed back in the salt shed. The salt shed itself is designed to meet the requirements of Trans 207, Wisconsin Administrative Code.

The lawn is mowed as needed, depending on the weather.

Temporary storage of items such as posts for snow fence, garbage & recycling barrels, etc., occupy space around the perimeter of the sheds in winter until crews deliver these items to Village parks in the spring.

Most of the Village Departments utilized the fueling center. Employee training includes review of the spill's procedures and location of the spills kit.

The floor drains in the main garage are connected to the sanitary sewer system, rather than the storm sewer system. Any fluids from vehicle maintenance or other activities inside the garage are directed through this system to the Wastewater Treatment Plant. Floor drains are cleared of debris on an as-needed basis. An oil/grease separator allows recurring clean-out and maintenance of the system.

### **Recommendations to Enhance Runoff Protection**

Village staff have previously taken steps to implement runoff control practices and to minimize the materials that could be sources of runoff pollution at the Public Works yard. Current recommendations include:

1. Sweep up any spilled salt and return into inventory.

### **Spills Plan**

Dry materials that spill is swept up and either disposed of or replaced in the bins for future use, if possible. (Example: dry salt spilled on the ground can be swept up and put back in the salt pile for use in the future.)

Liquids that spill on the ground are absorbed, with the absorption materials disposed of properly depending on the liquid. The Fire Department would be notified for major spills and handled in accordance with the Village and Town of Mukwonago Emergency Management Plan.

Staff are trained on which authorities to contact depending on the situation, such as the Fire Department, Police Department, or the Wisconsin Department of Natural Resources.

New staff are educated on the spills plan when they start, and any policy changes are communicated to appropriate staff at the time of the changes. As part of the Storm Water Pollution Prevention Plan, the spills plan will be evaluated yearly, and any changes will be summarized in the Village's MS4 annual report.

### **Employee Training**

Public Works Department training is an on-going activity for staff. Changes in procedure are communicated with appropriate staff, and new staff receive training on safety procedures and overall operations of the department. Any portions of the SWPPP, including the spills plan, that affect staff in other departments are shared with those departments.

### **Inspections**

Inspections are conducted quarterly and documented on a SWPPP inspection form. Items noted on the inspection reports are corrected as soon as possible. The yard is evaluated on a recurring basis to improve operations.

## STORM WATER POLLUTION PREVENTION PLAN (SWPPP) INSPECTION FORM FOR MUNICIPAL FACILITIES

Site:	Village of Mukwonago DPW Yard
Location:	630 Veterans Way E.
Inspector/Title:	Ron Bittner/Director
Date:	3/16/22
Last Inspection (Date):	12/15/21

### Storm Water Pollution Prevention Plan

Has a storm water pollution prevention plan been developed for this site? Yes  No

Title of Plan: Village of Mukwonago SWPPP for Municipal Facilities

Date of Plan: April 2016

Does the SWPP include a site map, list of pollutant sources, pollutant control practices to be inspected, and maintenance procedures? Yes  No

(Indicate any items that are *not* included):

### Vehicle Maintenance, Washing and Fueling

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Vehicle maintenance area drains to sanitary sewer system	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Vehicle maintenance area has oil-grease separator in floor drains	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Floor drains are clean	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
4	Vehicle washing completed inside building	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
5	Vehicle washing drains to sanitary system	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
6	Vehicle fueling center has canopy/cover	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
7	Vehicle fueling center has clearly labeled spill kit nearby	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
8	Vehicle fueling center has oil-grease separators in nearby storm drains	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	

### Hazardous Waste Management

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Hazardous materials and containers are stored indoors	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Containers of hazardous materials are in good condition	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

### Waste Management

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Dumpsters are covered	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Full dumpsters are hauled out on a regular basis	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Piles of miscellaneous debris are sorted and disposed of on a regular basis	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
4	Street sweepings are covered	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
5	Street sweepings are stored in containers or have barriers or perimeter controls to minimize runoff impacts	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

### Material Storage

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Runoff from bulk storage is contained on low side by barriers, bays or other perimeter controls	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Bulk storage piles are stabilized/vegetated	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Materials stored under cover/inside buildings	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
4	Area near salt shed is clear of excess/spilled/tracked salt	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

5	Excess/spilled/tracked salt is swept up and added to bulk salt pile	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
6	Underground runoff containment is emptied on a regular basis	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Old salt/sand shed cleaned as needed

### Runoff Controls

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Grass filter strips have at least 70% uniform vegetation growth	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
2	Grass filter strips typically have 6 inches or more of vegetation	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
3	Storm water pond inlets/outlets are stable	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
4	Storm water berms are vegetated	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
5	Storm water pond berms are stable (no erosion, tree roots or animal boroughs)	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
6	Infiltration basins/rain gardens have at least 70% plant growth	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
7	Infiltration basins/rain gardens are maintained regularly, and in the spring and fall	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
8	Infiltration basins/rain gardens drain down within 24 hours ( <i>based on post-rain event observations</i> )	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	

### Spills Program

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Written program is available for employees	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Employees know where written program is located	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Written program is evaluated annually	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

### Employee Training

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
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1	New employees are trained on SWPPP	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Annual or more frequent training provided to employees on SWPPP	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

	Recommendations/Correction	Completed On (Date)	Initials
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## STORM WATER POLLUTION PREVENTION PLAN (SWPPP) INSPECTION FORM FOR MUNICIPAL FACILITIES

Site:	Village of Mukwonago DPW Yard
Location:	630 Veterans Way E.
Inspector/Title:	Ron Bittner Public Works Director
Date:	9/15/22
Last Inspection (Date):	7/13/22

### Storm Water Pollution Prevention Plan

Has a storm water pollution prevention plan been developed for this site? Yes  No

Title of Plan: Village of Mukwonago SWPPP for Municipal Facilities

Date of Plan: April 2016

Does the SWPP include a site map, list of pollutant sources, pollutant control practices to be inspected, and maintenance procedures? Yes  No

(Indicate any items that are *not* included):

### Vehicle Maintenance, Washing and Fueling

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Vehicle maintenance area drains to sanitary sewer system	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Vehicle maintenance area has oil-grease separator in floor drains	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Floor drains are clean	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
4	Vehicle washing completed inside building	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
5	Vehicle washing drains to sanitary system	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
6	Vehicle fueling center has canopy/cover	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A
7	Vehicle fueling center has clearly labeled spill kit nearby	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
8	Vehicle fueling center has oil-grease separators in nearby storm drains	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A



### Hazardous Waste Management

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Hazardous materials and containers are stored indoors	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Containers of hazardous materials are in good condition	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

### Waste Management

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Dumpsters are covered	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Full dumpsters are hauled out on a regular basis	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Piles of miscellaneous debris are sorted and disposed of on a regular basis	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
4	Street sweepings are covered	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
5	Street sweepings are stored in containers or have barriers or perimeter controls to minimize runoff impacts	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

### Material Storage

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Runoff from bulk storage is contained on low side by barriers, bays or other perimeter controls	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Bulk storage piles are stabilized/vegetated	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Materials stored under cover/inside buildings	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
4	Area near salt shed is clear of excess/spilled/tracked salt	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

5	Excess/spilled/tracked salt is swept up and added to bulk salt pile	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
6	Underground runoff containment is emptied on a regular basis	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Old salt/sand shed cleaned as needed

### Runoff Controls

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Grass filter strips have at least 70% uniform vegetation growth	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
2	Grass filter strips typically have 6 inches or more of vegetation	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
3	Storm water pond inlets/outlets are stable	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
4	Storm water berms are vegetated	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
5	Storm water pond berms are stable (no erosion, tree roots or animal boroughs)	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
6	Infiltration basins/rain gardens have at least 70% plant growth	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
7	Infiltration basins/rain gardens are maintained regularly, and in the spring and fall	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
8	Infiltration basins/rain gardens drain down within 24 hours ( <i>based on post-rain event observations</i> )	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	

### Spills Program

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Written program is available for employees	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Employees know where written program is located	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Written program is evaluated annually	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

### Employee Training

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
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1	New employees are trained on SWPPP	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Annual or more frequent training provided to employees on SWPPP	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

This inspection was used as annual training for seven staff members.

	Recommendations/Correction	Completed On (Date)	Initials
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## STORM WATER POLLUTION PREVENTION PLAN (SWPPP) INSPECTION FORM FOR MUNICIPAL FACILITIES

Site:	Village of Mukwonago DPW Yard
Location:	630 Veterans Way E.
Inspector/Title:	Ron Bittner PW Director
Date:	11/8/22
Last Inspection (Date):	9/15/22

### Storm Water Pollution Prevention Plan

Has a storm water pollution prevention plan been developed for this site? Yes  No

Title of Plan: Village of Mukwonago SWPPP for Municipal Facilities

Date of Plan: April 2016

Does the SWPP include a site map, list of pollutant sources, pollutant control practices to be inspected, and maintenance procedures? Yes  No

(Indicate any items that are *not* included):

### Vehicle Maintenance, Washing and Fueling

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Vehicle maintenance area drains to sanitary sewer system	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Vehicle maintenance area has oil-grease separator in floor drains	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Floor drains are clean	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
4	Vehicle washing completed inside building	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
5	Vehicle washing drains to sanitary system	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
6	Vehicle fueling center has canopy/cover	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A
7	Vehicle fueling center has clearly labeled spill kit nearby	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
8	Vehicle fueling center has oil-grease separators in nearby storm drains	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A

### Hazardous Waste Management

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Hazardous materials and containers are stored indoors	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Containers of hazardous materials are in good condition	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

### Waste Management

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Dumpsters are covered	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Full dumpsters are hauled out on a regular basis	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Piles of miscellaneous debris are sorted and disposed of on a regular basis	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
4	Street sweepings are covered	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
5	Street sweepings are stored in containers or have barriers or perimeter controls to minimize runoff impacts	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

### Material Storage

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Runoff from bulk storage is contained on low side by barriers, bays or other perimeter controls	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Bulk storage piles are stabilized/vegetated	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Materials stored under cover/inside buildings	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
4	Area near salt shed is clear of excess/spilled/tracked salt	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

5	Excess/spilled/tracked salt is swept up and added to bulk salt pile	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
6	Underground runoff containment is emptied on a regular basis	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Old salt/sand shed cleaned as needed

### Runoff Controls

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Grass filter strips have at least 70% uniform vegetation growth	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
2	Grass filter strips typically have 6 inches or more of vegetation	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
3	Storm water pond inlets/outlets are stable	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
4	Storm water berms are vegetated	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
5	Storm water pond berms are stable (no erosion, tree roots or animal borrows)	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
6	Infiltration basins/rain gardens have at least 70% plant growth	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
7	Infiltration basins/rain gardens are maintained regularly, and in the spring and fall	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
8	Infiltration basins/rain gardens drain down within 24 hours ( <i>based on post-rain event observations</i> )	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	

### Spills Program

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Written program is available for employees	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Employees know where written program is located	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Written program is evaluated annually	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

### Employee Training

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes

1	New employees are trained on SWPPP	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Annual or more frequent training provided to employees on SWPPP	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

This inspection was used as annual training for seven staff members.

	Recommendations/Correction	Completed On (Date)	Initials
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## STORM WATER POLLUTION PREVENTION PLAN (SWPPP) INSPECTION FORM FOR MUNICIPAL FACILITIES

Site:	Village of Mukwonago DPW Yard
Location:	630 Veterans Way E.
Inspector/Title:	Ron Bittner/Director
Date:	7/13/22
Last Inspection (Date):	3/16/22

### Storm Water Pollution Prevention Plan

Has a storm water pollution prevention plan been developed for this site? Yes  No

Title of Plan: Village of Mukwonago SWPPP for Municipal Facilities

Date of Plan: April 2016

Does the SWPP include a site map, list of pollutant sources, pollutant control practices to be inspected, and maintenance procedures? Yes  No

(Indicate any items that are *not* included):

### Vehicle Maintenance, Washing and Fueling

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Vehicle maintenance area drains to sanitary sewer system	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Vehicle maintenance area has oil-grease separator in floor drains	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Floor drains are clean	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
4	Vehicle washing completed inside building	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
5	Vehicle washing drains to sanitary system	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
6	Vehicle fueling center has canopy/cover	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A
7	Vehicle fueling center has clearly labeled spill kit nearby	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Need to Refill
8	Vehicle fueling center has oil-grease separators in nearby storm drains	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A



### Hazardous Waste Management

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Hazardous materials and containers are stored indoors	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Containers of hazardous materials are in good condition	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

### Waste Management

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Dumpsters are covered	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Full dumpsters are hauled out on a regular basis	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Piles of miscellaneous debris are sorted and disposed of on a regular basis	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
4	Street sweepings are covered	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
5	Street sweepings are stored in containers or have barriers or perimeter controls to minimize runoff impacts	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

### Material Storage

	Activity/Practice	Inspected?	Activity/ Practice Adequate?	Corrective Action Needed & Notes
1	Runoff from bulk storage is contained on low side by barriers, bays or other perimeter controls	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Bulk storage piles are stabilized/vegetated	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Materials stored under cover/inside buildings	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
4	Area near salt shed is clear of excess/spilled/tracked salt	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

5	Excess/spilled/tracked salt is swept up and added to bulk salt pile	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
6	Underground runoff containment is emptied on a regular basis	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Old salt/sand shed cleaned as needed

### Runoff Controls

	Activity/Practice	Inspected?	Activity/Practice Adequate?	Corrective Action Needed & Notes
1	Grass filter strips have at least 70% uniform vegetation growth	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
2	Grass filter strips typically have 6 inches or more of vegetation	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
3	Storm water pond inlets/outlets are stable	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
4	Storm water berms are vegetated	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
5	Storm water pond berms are stable (no erosion, tree roots or animal boroughs)	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
6	Infiltration basins/rain gardens have at least 70% plant growth	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
7	Infiltration basins/rain gardens are maintained regularly, and in the spring and fall	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
8	Infiltration basins/rain gardens drain down within 24 hours ( <i>based on post-rain event observations</i> )	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	

### Spills Program

	Activity/Practice	Inspected?	Activity/Practice Adequate?	Corrective Action Needed & Notes
1	Written program is available for employees	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Employees know where written program is located	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
3	Written program is evaluated annually	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

### Employee Training

	Activity/Practice	Inspected?	Activity/Practice Adequate?	Corrective Action Needed & Notes

1	New employees are trained on SWPPP	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
2	Annual or more frequent training provided to employees on SWPPP	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

This inspection was used as annual training for seven staff members.

	Recommendations/Correction	Completed On (Date)	Initials
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			



# Inventory Usage with Total Quantity Used

## Inventory Usage - Total Inventory

Department	Group	Activity Description	Log Date	Name	Quantity	Units
<b>Activity Description: Pretreatment</b>						
Permission Group: Public Works						
Name: Anti-Icing (Pretreatment)						
Public Works	Snow & Ice Removal	Pretreatment	Date: 3/8/2023	Anti-Icing (Pretreatment)	5,500.00	Gallons
					Total: 5,500.00	
<b>Permission Group: PW-Brine</b>						
Name: Brine						
Public Works	Snow & Ice Removal	Pretreatment	Date: 1/20/2023	Brine	4,000.00	Gallons
Public Works	Snow & Ice Removal	Pretreatment	Date: 1/25/2023	Brine	3,500.00	Gallons
Public Works	Snow & Ice Removal	Pretreatment	Date: 3/6/2023	Brine	3,000.00	Gallons
					Total: 10,500.00	
					Total: 10,500.00	



# Inventory Usage with Total Quantity Used



## Inventory Usage - Total Inventory

Department	Group	Activity Description	Log Date	Name	Quantity	Units
<b>Activity Description: Snow Event</b>						
Permission Group: PW-Brine						
Name: TR10 Brine						
Public Works	Snow & Ice Removal	Snow Event	Date: 12/9/2022	TR10 Brine	47.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR10 Brine	8.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR10 Brine	16.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/21/2022	TR10 Brine	36.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/21/2022	TR10 Brine	15.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/3/2023	TR10 Brine	36.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR10 Brine	24.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR10 Brine	12.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/25/2023	TR10 Brine	52.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR10 Brine	17.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR10 Brine	29.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/15/2023	TR10 Brine	39.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/22/2023	TR10 Brine	15.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/27/2023	TR10 Brine	22.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/9/2023	TR10 Brine	32.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/13/2023	TR10 Brine	25.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/27/2023	TR10 Brine	17.00	Gallons

Department	Group	Activity Description	Log Date	Name	Quantity	Units
Name: TR11 Brine						
Public Works	Snow & Ice Removal	Snow Event	Date: 12/9/2022	TR11 Brine	181.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/13/2022	TR11 Brine	234.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/13/2022	TR11 Brine	100.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR11 Brine	63.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR11 Brine	90.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/16/2022	TR11 Brine	60.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/21/2022	TR11 Brine	145.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/21/2022	TR11 Brine	95.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/3/2023	TR11 Brine	109.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR11 Brine	106.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR11 Brine	25.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/25/2023	TR11 Brine	355.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR11 Brine	133.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR11 Brine	254.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/14/2023	TR11 Brine	12.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/15/2023	TR11 Brine	300.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/22/2023	TR11 Brine	446.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/27/2023	TR11 Brine	590.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/9/2023	TR11 Brine	80.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/13/2023	TR11 Brine	106.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/27/2023	TR11 Brine	93.00	Gallons
Name: TR12 Brine					Total: 442.00	
Name: TR12 Brine					Total: 3,577.00	

Department	Group	Activity Description	Log Date	Name	Quantity	Units
Public Works	Snow & Ice Removal	Snow Event	Date: 12/9/2022	TR12 Brine	122.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/13/2022	TR12 Brine	94.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/13/2022	TR12 Brine	94.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR12 Brine	24.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR12 Brine	33.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/16/2022	TR12 Brine	23.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/3/2023	TR12 Brine	40.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR12 Brine	31.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR12 Brine	31.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/25/2023	TR12 Brine	115.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR12 Brine	26.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR12 Brine	90.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/15/2023	TR12 Brine	215.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/22/2023	TR12 Brine	94.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/27/2023	TR12 Brine	0.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/9/2023	TR12 Brine	0.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/13/2023	TR12 Brine	37.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/27/2023	TR12 Brine	90.00	Gallons

Total: 1,159.00

Name: TR7 Brine

Public Works	Snow & Ice Removal	Snow Event	Date: 12/9/2022	TR7 Brine	40.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/13/2022	TR7 Brine	60.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR7 Brine	0.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/21/2022	TR7 Brine	60.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR7 Brine	30.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/25/2023	TR7 Brine	120.00	Gallons

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Department	Group	Activity Description	Log Date	Name	Quantity	Units
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR7 Brine	50.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR7 Brine	45.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/14/2023	TR7 Brine	20.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/15/2023	TR7 Brine	70.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/22/2023	TR7 Brine	160.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/27/2023	TR7 Brine	20.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/9/2023	TR7 Brine	30.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/13/2023	TR7 Brine	10.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/13/2023	TR7 Brine	30.00	Gallons

Total: 745.00

Name: TR8 Brine

Public Works	Snow & Ice Removal	Snow Event	Date: 12/9/2022	TR8 Brine	55.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR8 Brine	40.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR8 Brine	40.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR8 Brine	20.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/25/2023	TR8 Brine	60.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR8 Brine	40.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR8 Brine	120.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/14/2023	TR8 Brine	60.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/15/2023	TR8 Brine	140.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/22/2023	TR8 Brine	180.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/27/2023	TR8 Brine	30.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/9/2023	TR8 Brine	65.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/13/2023	TR8 Brine	60.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/27/2023	TR8 Brine	100.00	Gallons



Department	Group	Activity Description	Log Date	Name	Quantity	Units
Name: TR9 Brine						
Public Works	Snow & Ice Removal	Snow Event	Date: 12/9/2022	TR9 Brine	97.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/13/2022	TR9 Brine	78.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR9 Brine	43.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR9 Brine	40.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 12/21/2022	TR9 Brine	71.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR9 Brine	38.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/25/2023	TR9 Brine	93.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR9 Brine	52.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR9 Brine	118.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/14/2023	TR9 Brine	36.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/15/2023	TR9 Brine	157.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/22/2023	TR9 Brine	154.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 2/27/2023	TR9 Brine	41.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/9/2023	TR9 Brine	43.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/13/2023	TR9 Brine	41.00	Gallons
Public Works	Snow & Ice Removal	Snow Event	Date: 3/27/2023	TR9 Brine	54.00	Gallons
Total: 1,010.00						

Total: 1,156.00

Total: 8,089.00

Permission Group: PW-Salt						
Name: TR10 Salt						
Public Works	Snow & Ice Removal	Snow Event	Date: 12/9/2022	TR10 Salt	9,260.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR10 Salt	1,659.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR10 Salt	3,310.00	Pounds

Department	Group	Activity Description	Log Date	Name	Quantity	Units
Public Works	Snow & Ice Removal	Snow Event	Date: 12/21/2022	TR10 Salt	7,194.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/21/2022	TR10 Salt	5,034.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/3/2023	TR10 Salt	7,164.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR10 Salt	4,729.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR10 Salt	2,437.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/25/2023	TR10 Salt	10,335.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR10 Salt	3,459.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR10 Salt	5,698.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/14/2023	TR10 Salt	1,937.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/15/2023	TR10 Salt	7,798.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/22/2023	TR10 Salt	9,751.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/27/2023	TR10 Salt	4,449.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/9/2023	TR10 Salt	4,566.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/13/2023	TR10 Salt	2,550.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/27/2023	TR10 Salt	2,320.00	Pounds

Total: 93,650.00

Name: TR11 Salt

Public Works	Snow & Ice Removal	Snow Event	Date: 12/9/2022	TR11 Salt	14,966.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/13/2022	TR11 Salt	21,795.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/13/2022	TR11 Salt	8,037.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR11 Salt	5,543.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR11 Salt	8,717.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/16/2022	TR11 Salt	4,971.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/21/2022	TR11 Salt	11,614.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/21/2022	TR11 Salt	9,560.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/3/2023	TR11 Salt	8,988.00	Pounds

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Department	Group	Activity Description	Log Date	Name	Quantity	Units
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR11 Salt	8,552.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR11 Salt	4,246.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/25/2023	TR11 Salt	34,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR11 Salt	5,193.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR11 Salt	21,089.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/14/2023	TR11 Salt	10,872.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/15/2023	TR11 Salt	25,150.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/22/2023	TR11 Salt	36,138.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/27/2023	TR11 Salt	7,250.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/9/2023	TR11 Salt	6,803.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/13/2023	TR11 Salt	8,561.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/27/2023	TR11 Salt	8,093.00	Pounds

Total: 270,138.00

Name: TR12 Salt

Public Works	Snow & Ice Removal	Snow Event	Date: 12/9/2022	TR12 Salt	16,939.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/13/2022	TR12 Salt	13,904.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/13/2022	TR12 Salt	9,064.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR12 Salt	4,592.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR12 Salt	5,635.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/16/2022	TR12 Salt	3,500.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/21/2022	TR12 Salt	12,051.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/21/2022	TR12 Salt	6,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/3/2023	TR12 Salt	6,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR12 Salt	4,912.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR12 Salt	4,800.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/25/2023	TR12 Salt	17,404.00	Pounds

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Department	Group	Activity Description	Log Date	Name	Quantity	Units
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR12 Salt	4,153.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR12 Salt	12,133.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/14/2023	TR12 Salt	8,156.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/15/2023	TR12 Salt	20,110.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/22/2023	TR12 Salt	22,610.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/27/2023	TR12 Salt	3,600.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/9/2023	TR12 Salt	5,271.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/13/2023	TR12 Salt	6,184.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/27/2023	TR12 Salt	6,454.00	Pounds

Total: 193,472.00

Name: TR5 Salt

Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR5 Salt	2,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR5 Salt	4,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/14/2023	TR5 Salt	3,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/15/2023	TR5 Salt	2,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/22/2023	TR5 Salt	5,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/27/2023	TR5 Salt	1,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/13/2023	TR5 Salt	800.00	Pounds

Total: 17,800.00

Name: TR7 Salt

Public Works	Snow & Ice Removal	Snow Event	Date: 12/9/2022	TR7 Salt	8,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/13/2022	TR7 Salt	12,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR7 Salt	4,500.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR7 Salt	4,500.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/16/2022	TR7 Salt	4,500.00	Pounds

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Department	Group	Activity Description	Log Date	Name	Quantity	Units
Public Works	Snow & Ice Removal	Snow Event	Date: 12/21/2022	TR7 Salt	7,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR7 Salt	5,500.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/25/2023	TR7 Salt	10,500.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR7 Salt	4,500.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR7 Salt	13,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/14/2023	TR7 Salt	4,500.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/15/2023	TR7 Salt	12,500.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/22/2023	TR7 Salt	17,250.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/27/2023	TR7 Salt	3,500.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/9/2023	TR7 Salt	4,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/13/2023	TR7 Salt	1,500.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/13/2023	TR7 Salt	3,500.00	Pounds

Total: 120,750.00

Name: TR8 Salt

Public Works	Snow & Ice Removal	Snow Event	Date: 12/9/2022	TR8 Salt	9,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR8 Salt	4,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR8 Salt	4,500.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR8 Salt	4,500.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR8 Salt	3,500.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/25/2023	TR8 Salt	14,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR8 Salt	5,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR8 Salt	15,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/14/2023	TR8 Salt	6,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/15/2023	TR8 Salt	16,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/22/2023	TR8 Salt	22,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/27/2023	TR8 Salt	4,000.00	Pounds

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Department	Group	Activity Description	Log Date	Name	Quantity	Units
Public Works	Snow & Ice Removal	Snow Event	Date: 3/9/2023	TR8 Salt	4,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/13/2023	TR8 Salt	7,000.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/27/2023	TR8 Salt	11,000.00	Pounds
Name: TR9 Salt						Total: 129,500.00
Public Works	Snow & Ice Removal	Snow Event	Date: 12/9/2022	TR9 Salt	10,973.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/13/2022	TR9 Salt	14,017.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR9 Salt	4,279.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/15/2022	TR9 Salt	4,026.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 12/21/2022	TR9 Salt	7,168.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/5/2023	TR9 Salt	3,901.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/25/2023	TR9 Salt	9,800.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR9 Salt	5,157.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 1/30/2023	TR9 Salt	11,841.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/14/2023	TR9 Salt	3,515.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/15/2023	TR9 Salt	15,985.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/22/2023	TR9 Salt	15,358.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 2/27/2023	TR9 Salt	4,082.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/9/2023	TR9 Salt	4,358.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/13/2023	TR9 Salt	4,087.00	Pounds
Public Works	Snow & Ice Removal	Snow Event	Date: 3/27/2023	TR9 Salt	5,350.00	Pounds
Name: TR9 Salt						Total: 123,897.00
Name: TR9 Salt						Total: 949,207.00

Development Name:      Location:      Parcel ID:      Facility Type:      TSS Yield - No. Controls (lbs)      % Reduction      TSS Yield - With Controls (lbs)      Total P Yield - No. Controls (lbs)      Total P Yield - With Controls (lbs)      % Reduction

Hill Court Reload - Multi-Tenant Building      Located at the end of Hill Court in TID #5      A493600002      Wet Pond & RainTrol Roof Drainings      4,574      82.43%      803.8      10.06      1.754      82.56%

IDC - 600 Perkins Drive      Located at the end of Perkins Drive (600 Perkins Drive)      MUKV1973941      Wet Pond 1      2,799      90.30%      270.94      8.72      3.28      62.40%

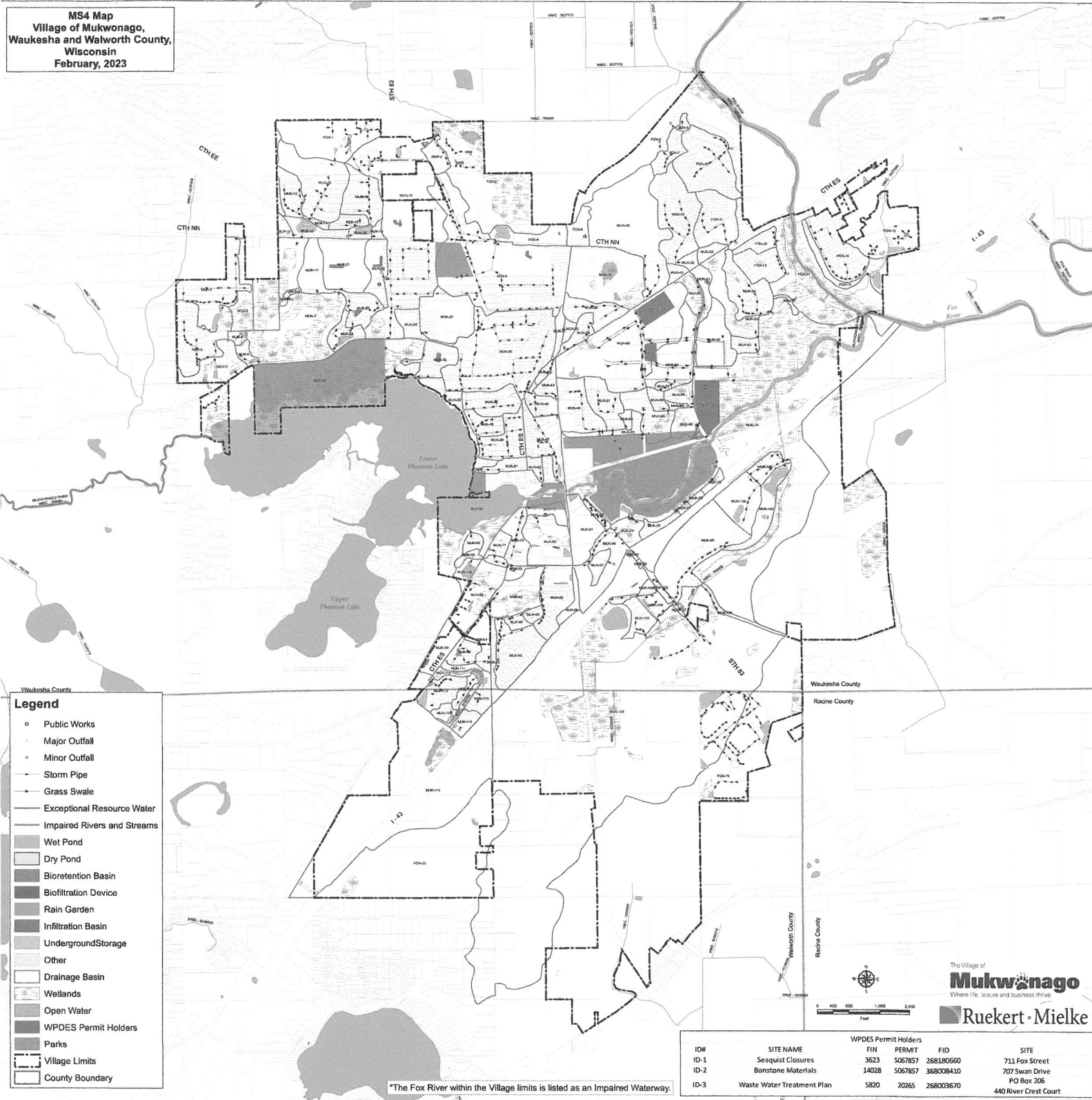
Device Type	Year Constructed	Subdivision	Location	Name 1	SWMA on File	Drawing on File
WET POND	2017	Fairwinds	Stoeker Farm Ave. & Rosewood Dr.	Fairwinds HOA	Yes	Yes
WET POND	2017	Fairwinds	Stoeker Farm Ave. & Rosewood Dr.	Fairwinds HOA	Yes	Yes
WET POND	2001	Fairwinds	Fairwinds BLVD. & Stoeker Farm Ave.	Fairwinds HOA	Yes	No
WET POND	2001	Fairwinds	Fairwinds BLVD. & Stoeker Farm Ave.	Fairwinds HOA	Yes	No
WET POND	2012	Minors Estates ADD #3 Minors West HOA	Augusta Dr.	MINORS HOMESTEAD WEST HOMEOWNERS ASSOC	Yes	Yes
WET POND	2005	Minors Estates ADD #1 Minors West HOA	Brookway Dr.	MINORS HOMESTEAD WEST HOMEOWNERS ASSOC	Yes	No
WET POND	2005	Minors ADD #1 Minors West HOA	Brookway Dr. & North of CTH LO	MINORS HOMESTEAD WEST HOMEOWNERS ASSOC	Yes	No
WET POND	2005	Minors Estates ADD #1, Minors West HOA	Brookway Dr. & CTH LO	MINORS HOMESTEAD WEST HOMEOWNERS ASSOC	Yes	No
WET POND	2003	Minors Homestead	Minors Dr. & CTH LO	MINORS HOMESTEAD WEST HOMEOWNERS ASSOC	Yes	No
WET POND	2005	Minors Estates ADD #2 Minors West HOA	Vahalla Dr.	MINORS HOMESTEAD WEST HOMEOWNERS ASSOC	Yes	No
WET POND	2005	Minors Estates ADD #2 Minors West HOA	Vahalla Dr.	MINORS HOMESTEAD WEST HOMEOWNERS ASSOC	Yes	No
INFILTRATION BASIN	2003	Honey Meadow	W Side Ave.	HONEY MEADOWS CONDO ASSOC.	NO	No
WET POND	2003	State of WI	S. Rochester St. & Front St.	WISCONSIN HWY COMMISSION	Sale Owned	Yes
WET POND	2005	The Glen of Mukwonago	Black Bear Dr.	Real Estate Specialists	Yes	Yes
WET POND	ORIG/2001 RETROFIT/2020	Village Owned	E. Veterans Way	Village of Mukwonago	Village Owned	Yes
WET POND	1993	Brooklife Church	857 S. Rochester St.	Brooklife Church	Yes	No
WET POND	2003	State of WI	S. Rochester St. & Mukwonago River	WISCONSIN HWY COMMISSION	Sale Owned	Yes
WET POND	1999	State of WI	Holz Pkwy. & Park and Ride	WISCONSIN HWY COMMISSION	Sale Owned	Yes
WET POND	1985	Village Owned	Minwaukan Park Middle	Village of Mukwonago	Village Owned	Yes
WET POND	1985	Village Owned	Minwaukan Park East	Village of Mukwonago	Village Owned	Yes
WET POND	1985	Village Owned	Minwaukan Park West	Village of Mukwonago	Village Owned	Yes
WET POND	1989	Village Owned	Holz Pkwy, South of Mukwonago River	Village of Mukwonago	Village Owned	No
WET POND	2003	Walmart/Home Depot	250 East Wolf Run	WAL-MART REAL ESTATE BUSINESS TRUST, HOME DEPOT USA INC.	NO	No
				GREENWALD FAMILY LIMITED PARTNERSHIP	NO	No
WET POND	2003	Village Owned	East Termini of E. Wolf Run	Village of Mukwonago	Village Owned	Yes
WET POND	1988	Village Owned	Holz Pkwy. N. of Mukwonago River	Village of Mukwonago	Village Owned	No
WET POND	1989	Village Owned	Holz Pkwy. N. of Mukwonago River	Village of Mukwonago	Village Owned	No
WET POND	1992	Whispering Bay Condos	1024 Bay View Ct	Real Estate Specialists	NO	No
WET POND	2016	Premier Woods Apts.	540 Phantom Woods Rd.	TW PHANTOM WOODS LLC	Yes	No
Device Type		Subdivision	Location	Name 1	SWMA on File	
WET POND	2007	Orchards #1	1304 Orchardview Ln.	ORCHARDS OF MUKWONAGO HOMEOWNERS ASSOC	Yes	No
WET POND	2007	Orchards #1	1334 Clear Circle	ORCHARDS OF MUKWONAGO HOMEOWNERS ASSOC	Yes	No
WET POND	2006	Orchards #1	1414 Applewood Cir.	ORCHARDS OF MUKWONAGO HOMEOWNERS ASSOC	Yes	No
WET POND	2006	Orchards #1	1446 Applewood Cir.	ORCHARDS OF MUKWONAGO HOMEOWNERS ASSOC	Yes	No
WET POND	1992	Legend Meadows	Bear Pass	LEGEND MEADOWS ASSOC INC	Yes	No
WET POND	2003	Pro Health	DNG Medical Ctr. 240 Maple Ave.	WAIKESHA MEMORIAL HOSPITAL	Yes	No
WET POND	2006	Fox River View	1623 Fox River Run	Fox River View HOA	Yes	No
WET POND	2005	Edgewood Condos	Grey Fox Trail	EDGEWOOD MEADOWS CONDO ASSN	Yes	Yes
WET POND	2005	Edgewood Condos	Grey Fox Trail	EDGEWOOD MEADOWS CONDO ASSN	Yes	Yes
WET POND	2005	Edgewood Condos	Grey Fox Trail	EDGEWOOD MEADOWS CONDO ASSN	Yes	Yes
INFILTRATION BASIN	2007	The Glen of Mukwonago	Black Bear Dr.	Real Estate Specialists	Yes	No
INFILTRATION BASIN	2003	Minors Homestead	Minors Dr.	MINORS HOMESTEAD HOMEOWNERS ASSOC	Yes	No
WET POND	2000	400 Bay View Rd.	400 Bay View Rd.	B&B INVESTMENT PROPERTIES	Yes	No
WET POND	2007	Chelesea Lynn Parkway	325 Bayview Rd. - Chelesea Lynn Parkway	MB KLUM INVESTMENTS LLC.	Yes/DA	No
WET POND	2003	State of WI	STH 83 & E Wolf Run	WISCONSIN HWY COMMISSION	Sale Owned	No
WET POND	2015	Dewey Dr. Industrial Park	Dewey Drive	Village of Mukwonago	Village Owned	No
WET POND	2016	Orchards #2	CTH ES/Regress Rd	The Orchards 2 Owners Association	Yes	Yes
WET POND	2015	Premier Apts.	540 Phantom Woods Rd.	TW PHANTOM WOODS LLC	Yes	No
WET POND	2015	Premier Apts.	540 Phantom Woods Rd.	TW PHANTOM WOODS LLC	Yes	No
WET POND	2015	Premier Apts.	540 Phantom Woods Rd.	TW PHANTOM WOODS LLC	Yes	No



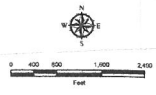
INFILTRATION BASIN	2004	Hawks Ridge East Condos	E. Veterans Way	HAWKS RIDGE EAST		No
WET POND	2012	Mukwonago YMCA	245 E. Wolf Run	MUKWONAGO YMCA	Yes	Yes
INFILTRATION BASIN	2012	Mukwonago YMCA	245 E. Wolf Run	MUKWONAGO YMCA	Yes	Yes
INFILTRATION BASIN	2005	Mesler Properties	1340 Main St.	LOT OWNERS OF M&M PROPERTIES	Yes	No
INFILTRATION BASIN	2005	Mesler Properties	1340 Main St.	LOT OWNERS OF M&M PROPERTIES	Yes	No
WET POND	2015	SCHMIDT & BARTELT	930 Main St.	SCHMIDT & BARTELT	Yes	No
Device Type		Subdivision		Name 1	SWMA on File	Yes
WET POND	2011	IDC	600 Parkins Dr	NPG REAL ESTATE LLC	Yes	Yes
WET POND	2005	Ridgebore	700 Swan Dr.	BASSETT HOLDING GROUP INC	No	No
WET POND	2003	Bedger Color	1007 Fox St.	MADEY ENTERPRISES INC	No	No
INFILTRATION BASIN	2012	MCL	Park Ave/Division St.	Village of Mukwonago	Village Owned	No
INFILTRATION BASIN	2010	District Office	E. Veteran Way	MUKWONAGO AREA SCHOOLS	Yes	Yes
INFILTRATION BASIN	2017	St. Johns Church	W. Veterans Way	ST JOHNS CHURCH	Yes	Yes
INFILTRATION BASIN	2012	MINORS HOMESTEAD ADD 3	Medina Drive	MINORS HOMESTEAD WEST HOMEOWNERS ASSOC	Yes	Yes
INFILTRATION BASIN	2012	MINORS HOMESTEAD ADD 3	Outlot 13	MINORS HOMESTEAD WEST HOMEOWNERS ASSOC	Yes	No
WET POND	2015	ALDI	111 E WOLF RUN	ALDI Inc. Oak Creek Division	Yes	Yes
INFILTRATION BASIN	2001	Fire Dept. Station 1	1111 Fox Street	Village of Mukwonago	Village Owned	No
INFILTRATION BASIN	2017	MHS	Mukwonago Union High	MUKWONAGO AREA SCHOOLS	Yes	No
INFILTRATION BASIN	2017	MHS	Mukwonago Union High	MUKWONAGO AREA SCHOOLS	Yes	No
INFILTRATION BASIN	2018	122 Arrowhead Real Estate LLC	122 Arrowhead Drive	122 Arrowhead Real Estate LLC	Yes	Yes
WET POND	2019	Chapman Place	Chapman Place	STORE MASTER FUNDING V LLC	Yes	Yes
INFILTRATION BASIN	2019	Chapman Place	Chapman Place	STORE MASTER FUNDING V LLC	Yes	Yes
WET POND	2015	KWIKTRIP	Black Bear Blvd	KWIK TRIP	Yes	Yes
GREASE/OIL SEPARATOR						
WET POND	2007	Chelsea Lynn Parkway	325 Bayview Rd - Chelsea Lynn Parkway	MB KLUM INVESTMENTS LLC.	Yes/DA	No
INFILTRATION BASIN	2007	ANTIGUA REAL	325 BAY VIEW RD	JABE LLC	Yes/DA	No
WET POND	2007	Chelsea Lynn Parkway	325 BAY VIEW RD	MB KLUM INVESTMENTS LLC.	Yes/DA	No
DRY POND	2004	Village Car Care	J&N Auto	VILLAGE AUTOMOTIVE LLC	Yes	No
WET POND	2015	Village Owned	Mukwonago High School	Village of Mukwonago	Village Owned	Yes
DRY POND	2015	ALDI	111 E WOLF RUN	ALDI Inc. Oak Creek Division	Yes	Yes
WET POND	2014	Milwaukee Tool	Milwaukee Tool	Milwaukee Tool	NO	No
BIOFILTRATION DEVICE	2018	Village Owned	Chapman Farms	Village of Mukwonago	Village Owned	Yes
WET POND	2019	Village Owned	TID#5 Pond 1	Village of Mukwonago	Village Owned	Yes
WET POND	2019	Village Owned	TID #5 Pond 2	Village of Mukwonago	Village Owned	Yes
WET POND	2019	Box Self Storage	Van Buren Dr.	THE BOX SELF STORAGE LLC	Yes	Yes
WET POND	2018	Village Owned	Chapman Blvd	Village of Mukwonago	Village Owned	Yes
WET POND	2018	Village Owned	Chapman Blvd	Village of Mukwonago	Village Owned	In Process
WET POND	2018	Subdivision	Location	Village of Mukwonago	Village Owned	In Process
WET POND	2020	Chapman Farms	Chapman Farms	Name 1	SWMA on File	
WET POND	2020	Chapman Farms	Chapman Farms	BIELNSKI HOMES INC	Yes	In Process
WET POND	2020	Chapman Farms	Chapman Farms	BIELNSKI HOMES INC	Yes	In Process
WET POND	2020	Chapman Farms	Chapman Farms	BIELNSKI HOMES INC	Yes	In Process
WET POND	2020	Chapman Farms	Chapman Farms	BIELNSKI HOMES INC	Yes	In Process
WET POND	2020	Chapman Farms	Chapman Farms	BIELNSKI HOMES INC	Yes	In Process
WET POND	2019	Edgewood Village	Edgewood Ave	BIELNSKI HOMES INC	Yes	In Process
WET POND	2020	Hill Ct	Hill Court Multi-Tenant	WEH PROPERTIES	Yes	Yes
WET POND	2020	Hill Ct	Hill Court Multi-Tenant	STAG Industrial	Yes	Yes
WET POND	2020/2020	Meadowland Townhomes	CTH NN & CTH EE	BIELNSKI LLC	Yes	In Process
WET POND	2020	Meadowland Townhomes	CTH NN & CTH EE	BIELNSKI LLC	Yes	In Process
WET POND	2019	Meadowland Townhomes	CTH NN & CTH EE	BIELNSKI LLC	Yes	In Process
WET POND	2019	Phantom Lakes	Phantom Lakes Preserve	Phantom Lake Preserve HOA	Yes	yes

WET POND	2019	Pointe Apartments	Pointe Apartments	Pointe Apartments	Pointe Apartments LLC	Yes	Yes
WET POND	2019	Pointe Apartments	Pointe Apartments	Pointe Apartments	Pointe Apartments LLC	Yes	Yes
WET POND	2019	Pointe Apartments	Pointe Apartments	Pointe Apartments	Pointe Apartments LLC	Yes	Yes
WET POND	2019	Storage Werks	Storage Werks	Mukwonago Dr.	STORAGE WERKS MUKWONAGO LLC	Yes	Yes
WET POND	2020	Storage Werks	Storage Werks	Mukwonago Dr.	STORAGE WERKS MUKWONAGO LLC	Yes	Yes
WET POND	2016	Goodwill	Lynch Automotive	101 Arrow Head Dr.	GOODWILL INDUSTRIES OF SOUTHEASTERN WISCONSIN, INC	Yes	Yes
WET POND	2016	Lynch Automotive	Lynch Automotive	280 E. WOLF RUN	LYNCH VENTURES	Yes	Yes
WET POND	2016	Lynch Automotive	Lynch Automotive	280 E. WOLF RUN	LYNCH VENTURES	Yes	Yes
WET POND	2022	Hill Court Railroad LLC	Hill Court Railroad LLC	115 Hill Court	Hill Court Railroad LLC	Yes	Yes

**MS4 Map**  
**Village of Mukwonago,**  
**Waukesha and Walworth County,**  
**Wisconsin**  
**February, 2023**



- Legend**
- Public Works
  - Major Outfall
  - Minor Outfall
  - Storm Pipe
  - Grass Swale
  - Exceptional Resource Water
  - Impaired Rivers and Streams
  - Wet Pond
  - Dry Pond
  - Bioretention Basin
  - Biofiltration Device
  - Rain Garden
  - Infiltration Basin
  - Underground Storage
  - Other
  - Drainage Basin
  - Wetlands
  - Open Water
  - WPDES Permit Holders
  - Parks
  - Village Limits
  - County Boundary



The Village of  
**Mukwonago**  
 Where life, leisure and business thrive

**Ruekert • Mielke**

\*The Fox River within the Village limits is listed as an Impaired Waterway.

ID#	SITE NAME	WPDES Permit Holders			SITE
		FIN	PERMIT	FID	
ID-1	Sequest Closures	3623	5067857	268180660	711 Fox Street
ID-2	Bonstone Materials	14028	5067857	368008410	707 Swan Drive
ID-3	Waste Water Treatment Plan	5820	20265	268003670	PO Box 206 440 River Crest Court