

**Town of Delafield**  
**Municipal Separate Storm Sewer System (MS4)**  
**2022 Annual Report**



**WPDES Permit No. WI-S050105-3**

# 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:** Delafield Town

**Permit Number:** S050105

**Facility Number:** 30731

**Reporting Year:** 2022

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

## Required Attachments and Supplemental Information

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

### Annual Report

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

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

**Municipal Contact Information- Complete**

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

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

**Municipality Information**

**Name of Municipality** Delafield Town

**Facility ID # or (FIN):** 30731

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

**Mailing Address:** W302N1254 Maple Ave

**Mailing Address 2:**

**City:** Delafield Town

**State:** WI

**Zip Code:** 53018 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:** Dan

**Last Name:** Green

Select to **update** current contact information

**Title:** Town Administrator

**Mailing Address:** W302 N1254 Maple Avenue

**Mailing Address 2:**

**City:** Delafield

**State:** WI

**Zip Code:** 53018 xxxxx or xxxxx-xxxx

**Phone Number:** 262-646-2398 Ext: xxx-xxx-xxxx

**Email:** dgreen@townofdelafield.org

**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:**

**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:**

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: Don

Last Name: Roberts

Title: Highway Superintende

Mailing Address: W302N1254 Maple Avenue

Mailing Address 2:

City: Delafield

State: WI

Zip Code: 53018      xxxxx or xxxxx-xxxx

Phone Number: 262-646-8881      Ext:      xxx-xxx-xxxx

Email: droberts@townofdelafield.org

### Municipal Billing Contact Person (Authorized Representative for MS4 Permit)

Select to **create new** Billing contact

First Name: Dan

Last Name: Green

Select to **update** current contact information

Title: Town Administrator

Mailing Address: W302 N1254 Maple Avenue

Mailing Address 2:

City: Delafield

State: WI

Zip Code: 53018      xxxxx or xxxxx-xxxx

Phone Number: 262-646-2398      Ext:      xxx-xxx-xxxx

Email: dgreen@townofdelafield.org

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 Waukesha County \_\_\_\_\_
- 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 checked="" type="checkbox"/> Illicit discharge detection and elimination <input checked="" type="checkbox"/> Household hazardous waste disposal/pet waste management/vehicle washing <input checked="" type="checkbox"/> Yard waste management/pesticide and fertilizer application <input checked="" 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 checked="" type="checkbox"/> Green infrastructure/low impact development <input type="checkbox"/> Other: <input type="text"/>	<input checked="" type="checkbox"/> General Public <input checked="" 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 checked="" type="checkbox"/> Public Officials <input type="checkbox"/> Other

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 type="checkbox"/> Residential infiltration <input checked="" type="checkbox"/> Construction sites and post-construction storm water management <input type="checkbox"/> Pollution prevention <input type="checkbox"/> Green infrastructure/low impact development <input type="checkbox"/> Other: <input type="text"/>	<input type="checkbox"/> General Public <input checked="" type="checkbox"/> Public Employees <input 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 type="checkbox"/> Other

- 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.*



## Missing Information

Do not close your work until you SAVE.

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

Form 3400-224 (R8/2021)

## Minimum Control Measures - Section 2 : Complete

### 2. Public Involvement and Participation

a. Permit Activities. 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>	4/1/2022		
<b>Project/Event Name</b>	Uploaded MS4 Annual Report to Website		
<b>Delivery Mechanism</b>	Website		
Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
<input checked="" type="checkbox"/> MS4 Annual Report <input checked="" type="checkbox"/> Storm Water Management Program <input type="checkbox"/> Storm Water related ordinance <input type="checkbox"/> Other: <input type="text"/>	<input checked="" type="checkbox"/> General Public <input checked="" type="checkbox"/> Public Employees <input 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	101 +	<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>	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	11-50	<input checked="" type="radio"/> Yes <input type="radio"/> No

	<input type="checkbox"/> Public Officials <input type="checkbox"/> Other		
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<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 <input type="checkbox"/> Other	101 +	<input checked="" type="radio"/> Yes <input type="radio"/> No

<b>Event Start Date</b>	2/3/2022	<input type="checkbox"/> NA (Individual Permittee).
<b>Project/Event Name</b>	Workshop	
<b>Delivery Mechanism</b>	Public Workshop	

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
Volunteer Opportunity	<input checked="" type="checkbox"/> General Public <input checked="" type="checkbox"/> Public Employees <input checked="" type="checkbox"/> Residents <input 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.*

Waukesha County leads all volunteer activities as a regional effort.

**Missing Information**

### Minimum Control Measures - Section 3 : Complete

#### 3. Illicit Discharge Detection and Elimination

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

(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 use to enforce its illicit discharge ordinance? Check all that apply and enter the number of each used in the reporting year.  Unsure

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

Additional Information: \_\_\_\_\_

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

IDDE inspection results can be found on a separate attachment.

#### Missing Information

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

### 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?   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?   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)?   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

- No Authority
- Verbal Warning
- Written Warning (including email)
- Notice of Violation
- Civil Penalty/ Citation
- Stop Work Order
- Forfeiture of Deposit
- Other - Describe below

Other enforcement action was a Satisfaction of Enforcement

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.*

Waukesha County inspects all construction sites over an acre of disturbance for the Town.

## 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.  Unsure
- No Authority
  - Verbal Warning
  - Written Warning (including email)
  - Notice of Violation
  - Civil Penalty/ Citation
  - Forfeiture of Deposit
  - Complete Maintenance
  - Bill Responsible Party
  - 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.*

## 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)?

Defects such as: overgrown vegetation, erosion, pipe/joint damage, sediment accumulation, soft spots/animal burrows, functionality of BMP.

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.*

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.*

Refer to the attachments for inspection results.

Collection Services - Street Sweeping / Cleaning Program  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 \_\_\_\_\_

No - Explain \_\_\_\_\_

Not Applicable

Collection Services - *Leaf Collection Program*  Not Applicable

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	<input type="text" value="0"/>	<input type="text" value="150"/>	<input type="text" value="500"/>	<input type="text" value="300"/>	<input type="text" value="200"/>	<input type="text" value="250"/>

Liquids (gallons) (ex. brine)

	Oct	Nov	Dec	Jan	Feb	Mar
Brine	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="2000"/>	<input type="text" value="1000"/>	<input type="text" value="1000"/>	<input type="text" value="0"/>

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
<input type="text"/>	<input type="text"/>	<input type="text"/>

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*

### 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):

When:

How many attended:

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

Municipal Officials

Presentation of MS4 annual report

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

Day to day discussions/input/direction as stormwater topics arise

- a. 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

**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 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.*



## Missing Information

Do not close your work until you SAVE.

Form 3400-224 (R8/2021)

## Final Evaluation - Complete

### Fiscal Analysis

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

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

2040	4000	4000	<u>General revenue fund</u>
------	------	------	-----------------------------

**Element:** Public Involvement and Participation

0	0	0	<u>General revenue fund</u>
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**Element:** Illicit Discharge Detection and Elimination

2363	2500	2500	<u>General revenue fund</u>
------	------	------	-----------------------------

**Element:** Construction Site Pollutant Control

0	0	0	<u>General revenue fund</u>
---	---	---	-----------------------------

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

226	1000	1000	<u>General revenue fund</u>
-----	------	------	-----------------------------

**Element:** Pollution Prevention

309	2000	1000	<u>General revenue fund</u>
-----	------	------	-----------------------------

**Other (describe)**

WQ Model, Annual Report, Misc.

2208	4500	35000	<u>General revenue fund</u>
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Please provide a justification for a "0" entered in the Fiscal Analysis. *Limit response to 250 characters.*

All categories with a zero are fulfilled by Waukesha County or the Town Engineer. The Highway Department budget was not included in this fiscal analysis.

## 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.

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**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.

### Attach - Other Supporting Documents

#### AR IDDE

 File Attachment

[3 2022IDDEInspectionSummary.pdf](#)

#### AR EO

 File Attachment

[2 2022-activites-list.pdf](#)

#### AR CSPC

 File Attachment

[4 town-of-delafield-constructionsiteinspections.pdf](#)

#### AR MuniFacInsp

 File Attachment

[5 2022HighwayFacilityInspections.pdf](#)

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

### Attach - Permit Compliance Documents

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

### Missing Information

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

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

[Draft and Share PDF Report](#)

## Sign and Submit Your Application

### Steps to Complete the signature process

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

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

### Terms and Conditions

**Certification:** I hereby certify that I am an authorized representative of the municipality covered under Delafield Town 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.



# Public Education & Outreach Information

# INFORMATION AND EDUCATION LEDGER OF ACTIVITIES

Target --from workplan	Req #	req2	req3	Program Name	Activity	Month	Year	Date	Where	# People	Additional Description or Info
General Public	1				displays and handouts	Jan	2022	1-1to 5-21	Pewaukee	100	storm sewer display with Adopt a Drain information at City Hall during tax time
General Public	7				social media	Jan	2022	1-7-22		1	salt awareness post reached 2875 with 169 engagements
General Public	7				social media	Jan	2022	1-10-22		1	salt awareness week post reached 1573 people with 147 engagements
General Public	7				press release	Jan	2022	1-18-22		1	press release for Salt Awareness Week
General Public	7				social media	Jan	2022	1-21-22		1	social media for Salt Awareness at Bark N Brew for Janboree with133 reached and 2 engagements
General Public	2	7			displays and handouts	Jan	2022	1-22-22	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	3	5	water resources	presentation	Jan	2022	1-22-22	virtual	18	program for a group of teenagers associated with SEWA non profit group
General Public	7				social media	Jan	2022	1-24-22		1	social media post for Salt Awareness Week with 377 reached and 13 engagements
General Public	7				presentation	Jan	2022	1-24-22		361	webinar on Environmental Toll of Salt
General Public	7				social media	Jan	2022	1-25-22		1	social media post for Salt Awareness Week with 54 reached
General Public	7				presentation	Jan	2022	1-25-22		519	webinar on salt in our drinking water
General Public	7				presentation	Jan	2022	1-26-22		421	webinar on what happens to water softener salt
General Public	7				presentation	Jan	2022	1-27-22		280	webinar on activities to teach about salt
General Public	7				presentation	Jan	2022	1-28-22		95	webinar panel discussion on salt reduction efforts across the state
General Public	7	2		morning blend	TV media	Feb	2022	2-2-22		1	Segment on Morning Blend TV show covering wise salt use and picking up after your pet
Teachers and Students	1	3	5	I Live	presentation	Feb	2022	2-2-22	Waukesha	65	I live in a Watershed program for Banting Elementary 2nd grade
Teachers and Students	2	3	5	I Live	presentation	Feb	2022	2-3-22	Retzer	55	I Live in a Watershed at Retzer for Brookfield Academy 6th grade
Contractors, Dev. & Consul	7				workshop	Feb	2022	2-3-22	virtual	40	Smart Salting for Parking Lots and Sidewalks virtual training
Teachers and Students	2	3	5	I Live	presentation	Feb	2022	2-7-22	Pewaukee	9	watershed program at Asa Clark Middle school in Pewaukee for environmental club
General Public	3	7		Splash and Trash	workshop	Feb	2022	2-16-22	Wi Dells	7	Splash and Trash talk with nutrient and snow/salt management for school facilities managers
General Public	2				social media	Feb	2022	2-26-22		1	social media post for National Tell a Fairy Tale--Poop Fairy isn't real...pick up after your dog!
General Public	5				press release	Mar	2022	3-1-22		1	press release for spring workshop with soils class
General Public	5	2	3	Water Cycle	presentation	Mar	2022	3-2-22	Retzer	16	Outdoor Classroom on Water Cycle- emphasis on decreasing runoff
General Public	5			morning blend	TV media	Mar	2022	3-2-22		1	appearance on Morning Blend TV show to promote spring workshops--soils
General Public	9				volunteer appreciation	Mar	2022	3-5-22	Retzer	24	volunteer appreciation for Stream Monitors
Teachers and Students	2	3	5	career	presentation	Mar	2022	3-11-22	New Berlin	50	career day for Poplar Creek elementary
General Public	5			Soils	presentation	Mar	2022	3-12-22	Retzer	46	spring workshop session on Soils with emphasis on infiltration with healthy soils
General Public	1				press release	Mar	2022	3-21-22		1	Press Release for Adopt a Drain new communities
General Public	1				social media	Mar	2022	3-22-22		1	social media post for World Water Day launch of Adopt a Drain campaign in Sussex
General Public	3				social media	Mar	2022	3-28-21		1	social media post for National Weed Appreciation Day about chemical use
General Public	7			morning blend	TV media	Apr	2022	4-6-22		1	appearance on Morning Blend TV show promoting greening your laundry room--optimize your water softener
General Public	2				social media	Apr	2022	4-11-22		1	social media post for National Pet Day about picking up after your dog
General Public	2	3	5	Green Home	presentation	Apr	2022	4-12-22	Pewaukee	11	Green Home Makeover program for Pewaukee Public Library
Contractors, Dev & Consul	6	8			workshop	Apr	2022	4-13-22	virtual	195	annual stormwater workshop
Contractors, Dev & Consul	6	8			workshop	Apr	2022	4-14-22	virtual	195	annual stormwater workshop
Teachers and Students	2	3	5	I Live	presentation	Apr	2022	4-14-22	Genesee	32	program for 4th grade as part of Earth Day event
Teachers and Students	3	5		Healthy Soils	presentation	Apr	2022	4-14-22	Genesee	30	program for 5th grade as part of science day event
Teachers and Students	7			WAV	training	Apr	2022	4-19-22	Genesee	15	trained Carrolll University Aquatic Ecology students to collect data for SWIMS/WAV
General Public	5			composting	presentation	Apr	2022	4-19-22	New Berlin	15	Home Composting training for New Berlin Library
General Public	5			healthy sols	e-mail	Apr	2022	4-19-22		46	Follow up to Soils Workshop in March with slake test info and reminder about planted undies
Teachers and Students					displays and handouts	Apr	2022	4-21-22	Oconomowoc	200	staffed booth at Parklawn Elemenatary STEM event
Teachers and Students	2	3	5	career	presentation	Apr	2022	4-22-22	New Berlin	102	career day for Orchard Lane Elementary
Teachers and Students	2	3	5	career	presentation	Apr	2022	4-22-22	Mukwonago	31	career day at Parkview Middle School
General Public	2	3	5	water action hike	presentation	Apr	2022	4-23-22	Retzer	20	water action hike highlighting stream life and actions you can take at home to protect it
General Public	2			green cleaning	presentaiton	Apr	2022	4-26-22	Muskego	60	green cleaning workshop at Inpro
Teachers and Students	2	3	5	I Live	presentation	Apr	2022	4-27-22	Muskego	7	program for Muskego Environmental Club
Teacher and Students	2	3	5	career	presentation	Apr	2022	4-29-22	New Berlin	61	career day at Elmwood Elementary School
Teachers and Students	2	3	5	water resources	presentation	Apr	2022	4-29-22	Pewaukee	200	program for all 5th grade students before Camp Whitcomb
General Public	5			morning blend	TV media	May	2022	5-2-22		1	appearance on Morning Blend TV show talking about greening your lawn--topdress with compost for more water infiltration.
General Public	2	3	5	WAV	training	May	2022	5-7-22	Genesee Depot	7	training for WAV program at Prairie Springs Environmental Center
Teachers and students					presentation	May	2022	5-11-22	Genesee Depot	38	program for kindergarten from Big Bend Elementary
Teachers and Students					presentation	May	2022	5-12-22	Genesee Depot	38	program for 2nd grade, Big Bend Elementary
Teachers and Students					presentation	May	2022	5-13-22	Genesee Depot	38	program for kindergarten from Big Bend Elementary
Teachers and Students	2	3	5	career	presentation	May	2022	5-13-22	Sussex	75	career day for Richmond School, Sussex
General Public	9			benchmark	WAV monitoring	May	2022	5-13-22	Pewaukee	2	benchmark for Pewaukee River at the junction with Fox
General Public	5				social media	May	2022	5-16-22		1	social media post about composting kitchen scraps
General Public	9			benchmark	WAV monitoring	May	2022	5-16-22	Genesee	2	benchmark for Genesee Creek and Spring Brook



Teachers and Students				presentation	May	2022	5-17-22	Retzer	90	stream program for Silver Lake Intermediate School from Oconomowoc
General Public	1			displays and handouts	May	2022	5-17 to 6-7	Waukesha	400	Follow the Flow display and handouts at Waukesha Public Library
General Public	9			benchmark	May	2022	5-19-22	Oconomowoc	2	Benchmark for Oconomowoc River at Elm St
General Public	9			benchmark	May	2022	5-22-22	Waukesha	2	Benchmark for Pebble Brook at Oakdale Road
General Public	9			benchmark	May	2022	5-23-22	Pewaukee	2	Benchmark for Pewaukee River at Hwy F
General Public	5		Composting	presentation	May	2022	5-23-22	Retzer	21	Home Composting program
Teachers and Students				presentation	May	2022	5-24-22	Retzer	90	stream program for Silver Lake Intermediate School from Oconomowoc
General public	5		Wetlands	presentation	May	2022	5-25-22	Retzer	9	Wonderful Wetlands program for outdoor classroom
General Public	9			benchmark	May	2022	5-26-22	Dousman	1	Benchmark for Bark River at Genesee Lake Road
Teachers and Students	4		lake study	presentation	May	2022	5-26-22	Camp Whitcomb	116	Lake study program for Pewaukee 5th graders
Teachers and Students	4		lake study	presentation	May	2022	5-27-22	Camp Whitcomb	106	Lake study program for Pewaukee 5th graders
General Public	2	3	5	displays and handouts	May	2022	5-28-22	Waukesha	40	staffed outreach at Minooka Park Beer Garden
General Public	2	3		e-mail	Jun	2022	6-1-22		168	Adopt a Drain newsletter with articles on grass clippings and pet waste
Teachers and Students	1	9		field experience	Jun	2022	6-2-22	Eagleville	40	water testing on Jericho Creek with Eagleville Elementary
General Public	1	5		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	5	water resources	Jun	2022	6-7-22	Waukesha	9	program on water resources at Waukesha Public Library
General Public	2	3	5	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	6-8 to 6--27	Pewaukee	300	storm drain display on fertilizer runoff and adopt a drain at Pewaukee Library
General Public	2	3	5	displays and handouts	Jun	2022	6-10-22	Menomonee Fall	25	staffed outreach at Menomonee Falls Park beer garden
General Public	2	3	5	Crystals Adventure	Jun	2022	6-15-22	Retzer	15	Crystal's Clean water adventure at Outdoor Classroom
General Public	9			mussel monitoring	Jun	2022	621-22	Mukwonago	7	training on mussel monitoring and id
General Public	2	5	Sustainability	presentation	Jun	2022	6-22-22	Retzer	20	BSA Sustainability Merit Badge Class
General Public	2	3	5	Soil and Water	Jun	2022	6-24-22	Retzer	5	BSA Soil and Water Conservation Merit Badge Class
General Public	2	3	5	displays and Handouts	Jun	2022	6-25-22	Pewaukee	250	enviroscape and other materials at Clean Water Festival in pewaukee
General Public	2	3	4	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	3	5	Home Composting	presentation	Jul	2022	7-6-22	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	2	3	5	displays and handouts	Jul	2022	7-8-22	Retzer	50	beer garden outreach with handouts and trivia
General Public	1	7		presentation	Jul	2022	7-13-22	Retzer	37	stream program at Retzer for Outdoor classroom
Teachers and Students	1	7		presentation	Jul	2022	7-14-22	Retzer	178	stream program at Retzer for summer school program
General Public	2	3	5	outreach	Jul	2022	7-21-22	Waukesha	40	outreach with watershed model at Waukesha County Fair through 4-H expo
General Public	2	3	5	presentation	Jul	2022	7-22-22	Retzer	20	water day for Wisconsin Master Naturalist Training at Retzer
General Public			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	outreach	displays and handouts	Aug	2022	8-2-22	Mukwonago	300	storm drain model for National Night Out
General Public	1	5	thermodynamics	presentation	Aug	2022	8-3-22	Retzer	27	Thermodynamics class for Outdoor Classroom
General Public	1	3	outreach	displays and handouts	Aug	2022	8-3-22	Sussex	300	Storm drain model for National Night Out
General Public	1	3	5	rain barrels	Aug	2022	8-3-22	Oconomowoc	0	Rain barrel program for Oconomowoc Public Library
General Public	9			mussel monitoring	Aug	2022	8-4-22	Oconomowoc	7	Asian Clam survey on Oconomowoc River
General Public	1		outreach	displays and handouts	Aug	2022	8-9-22	Oconomowoc	400	outreach booth at Oconomowoc Kids Fest
General Public	1		outreach	displays and handouts	Aug	2022	8-9-22	Vernon	2176	stormwater banner at primary election day
General Public	1	3	outreach	displays and handouts	Aug	2022	8-9-22	Pewaukee	1200	storm drain display at Village of Pewaukee primary election
General Public	1	2	3	outreach	Aug	2022	8-9-22	Wales	675	Clean Water One Step at a Time display boards at Village of Wales primary election
General Public	5	2	3	program	Aug	2022	8-16-22	Pewaukee	63	walking rain garden tour hosted by Green Team at Pewaukee Public Library
General Public	9			field work	Aug	2022	8-20-22	Oconomowoc ar	5	Snapshot Day search for invasive species
Teachers and Students	6	8	sustainable building	presentation	Aug	2022	8-24-22	WCTC	13	virtual program for Sustainable Building Class for WCTC
General Public	5			presentation	Aug	2022	8-24-22	Waukesha	26	Memory café program about fishing and impervious surfaces
General Public	1	2	3	outdoor classroom	Sep	2022	9-7-22	Retzer	0	Clean water capers program with watershed model for outdoor classroom
Teachers and Students	3	5	Healthy Soils	presentation	Sep	2022	9-7-22	Waukesha	36	healthy soils program for Prairie Elementary
Teachers and Students	1	2	3	water resources	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	9-13-22	Waukesha	66	healthy soils program for 3 classes at Rose Glen
Teachers and Students	3	5	Healthy Soils	presentation	Sep	2022	9-15-22	Waukesha	38	healthy soils program at Hadfield Elementary
General Public	1	2	3	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	2	4	5	displays and handouts	Sep	2022	9-16 to 18	North Prairie	3000	unstaffed display at annual Fall Harvest Festival
Teachers and Students	1		career	presentation	Sep	2022	9-21-22	virtual	100	virtual career day presentation through Junior Achievement
Teachers and Students	1	2	3	water resources	Sep	2022	9-22-22	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 Hadfield Elementary
General Public	7		HHW	Morning Blend	Oct	2022	10-5-22		1	Morning Blend appearance about Household Hazardous Waste proper disposal
General Public	1	2	3	WAV	training	Oct	2022	Prairie Springs	10	WAV volunteer training at Master Naturalist Summit
General Public	7			presentation	Oct	2022	10-7-22	Retzer	6	salt awareness training/presentation at Masteer Naturalist Summit
Teachers and Students	1	3	5	career	presentation	Oct	2022	Pewaukee	45	enviroscape model for career day at Pewaukee High School

Teachers and Students	1	2	3	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			presentation	Nov	2022	11-5-22	Retzer	15	Inside and Outside of Retzer Creek hike/program at Science Fest
General Public					displays and handouts	Nov	2022	11-5-22	Retzer	100	hands on activity table covering
Teachers and Students	1	2	3	career	presentation	Nov	2022	11-7-22	New Berlin	10	Career day at New Berlin West
General Public	7				displays and handouts	Nov	2022	11-8-22	Vernon	4660	Know B4 you Throw Display covering salt use and awareness
General Public	1				displays and handouts	Nov	2022	11-8-22	Wales	1639	Stomrwater banner connecting storm drains to lakes and rivers
Teachers and Students	1	2	3	water resources	presentation	Nov	2022	11-9-22	Waukesha	45	program for 2 classes at Hawthorne Elementary
Teachers and Students	1	5			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	3	career	presentation	Dec	2022	12-2-22	New Berlin	90	career day at Elmwood Elementary School
Teachers and Students	1	2	3	career	presentation	Dec	2022	12-5-22	Wales	47	career day at Kettle Moraine High school
General Public	5				Morning Blend	Dec	2022	12-7-22		1	promo for rain barrel diverter and soil testing as green christmas gifts on the Morning Blend
General Public	1			tax inserts	displays and handouts	Dec	2022		countywide	77000	tax inserts with basic storm drains deliver to streams, keep the water clean message
General Public	1	3	4		displays and handouts	Dec	2022	12-19-22	Pewaukee	400	display for City of Pewaukee during tax payments



# **Illicit Discharge Detection & Elimination Inspections**



**TABLE 1 - ILLICIT DISCHARGE INSPECTION SUMMARY 6/13/2022**

Sub Basin	Subwatershed	Outfall Description	Pipe Material	Pipe Size	Sampled	Illicit Discharge?	Follow-up Work Required
BRD1-34-3-1	Brandy Brook	Culvert	RCP	Dual 48" x 30" Ellipse	NO	NO	
NMB1-30-3-2	Nemahbin Lake	Culvert	CMP	42" x 30" Ellipse	NO	NO	
PWK1-12-1-1	Pewaukee Lake	MH	RCP	60"	NO	NO	
PWK1-12-3-8	Pewaukee Lake	Culvert	RCP	84" x 52" Ellipse	NO	NO	
PWK1-14-1-1	Pewaukee Lake	Culvert	RCP	42" Circle	NO	NO	
PWK1-14-2-1	Pewaukee Lake	Culvert	CMP	5' x 3.5' Ellipse	NO	NO	
PWK1-15-4-1	Pewaukee Lake	Culvert	CMP	48" x 36" Ellipse	NO	NO	
PWK1-15-4-2	Pewaukee Lake	Culvert	RCP	48" x 24" Ellipse	YES	NO	
PWK1-22-1-1	Pewaukee Lake	MH	RCP	24" Circle	YES	NO	
PWK1-22-2-1	Pewaukee Lake	Culvert	RCP	Dual 36" Circle	NO	NO	
PWK1-22-4-1	Pewaukee Lake	Culvert	CMP	36" Circle	NO	NO	
PWK1-23-1-1	Pewaukee Lake	Culvert	RCP	Dual 24" Circle	YES	NO	
PWK1-23-2-1	Pewaukee Lake	Culvert	CMP	Dual 36" Circle	YES	NO	
PWK1-23-4-1	Pewaukee Lake	Culvert	CMP	30" x 36" Ellipse	YES	NO	
PWK1-24-3-1	Pewaukee Lake	Culvert	CMP	54" Circle	YES	NO	
PWK1-24-4-2	Pewaukee Lake	Culvert	RCP	6' x 6' Box	NO	NO	
PWK1-26-1-1	Pewaukee Lake	Culvert	CMP	Dual 45" Circle	NO	NO	
PWK1-26-1-2	Brandy Brook	Culvert	CMP	40" x 32" Ellipse	NO	NO	
PWK1-26-2-1	Pewaukee Lake	Culvert	CMP	Dual 36" Circle	YES	NO	
PWK1-26-2-2	Pewaukee Lake	Culvert	RCP	60" x 36" Ellipse	YES	NO	
SCP1-31-3-1	Scuppernong Creek	Culvert	CMP	24" x 34"	NO	NO	
SCP2-28-1-1	Brandy Brook	Culvert	CMP	Dual 36" x 24" Ellipse	NO	NO	
SCP2-28-1-2	Scuppernong Creek	Culvert	CMP	Dual 34" x 26" Ellipse	NO	NO	
SCP2-28-3-1	Scuppernong Creek	Culvert	CMP	28" x 42" Ellipse	NO	NO	
SCP2-33-3-1	Scuppernong Creek	Culvert	RCP	Dual 36" Circle	NO	NO	
SCP2-33-4-1	Brandy Brook	Culvert	CMP	52" x 36" Ellipse	NO	NO	



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>SCP1-31-3-1</b>
Date of Last Rainfall	6-10-2022 to (1.16 inches)
Date Inspection Performed	6-13-2022
Name of Inspector	RRS JEC
Receiving Water	Scuppernong Creek
M.H. or Outfall (Circle One)	M.H. <u>Outfall</u>
Pipe Size	24" x 34"
Pipe Material (Circle One)	RCP <u>CMP</u> PVC HDPE Steel DI VCP Other
Color (Circle One)	Clear Yellow Gray Orange Brown Green Red Other
Turbidity (Circle One)	Clear Slightly Cloudy Cloudy Opaque
Surface Sheen (Circle One)	None Oil Gasoline Scum Unknown
Odor (Circle One)	None Oil Decaying Vegetation SO <sub>2</sub> Fuel Sewage Methane Unknown
Pipe Active (Circle One)	<u>No</u> Trickle Moderate Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
2 photos



SCP1-31-3-1



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>NMB1-30-3-2</b>
Date of Last Rainfall	6-10-2022 (1.16 inches)
Date Inspection Performed	6-13-2022
Name of Inspector	RRS JEC
Receiving Water	Nemahbin Lake
M.H. or Outfall (Circle One)	M.H. <b>Outfall</b>
Pipe Size	42" x 30"
Pipe Material (Circle One)	RCP <b>CMP</b> PVC HDPE Steel DI VCP Other
Color (Circle One)	Clear Yellow Gray Orange Brown Green Red Other
Turbidity (Circle One)	Clear Slightly Cloudy Cloudy Opaque
Surface Sheen (Circle One)	None Oil Gasoline Scum Unknown
Odor (Circle One)	None Oil Decaying Vegetation SO <sub>2</sub> Fuel Sewage Methane Unknown
Pipe Active (Circle One)	<b>No</b> Trickle Moderate Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
2 photos



NMB1-30-3-2





**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>BRD1-34-3-1</b>				
Date of Last Rainfall	6-10-2022 (1.16 inches)				
Date Inspection Performed	6-13-2022				
Name of Inspector	RRS JEC				
Receiving Water	Brandy Brook				
M.H. or Outfall (Circle One)	M.H.		Outfall		
Pipe Size	2 - 48" x 30"				
Pipe Material (Circle One)	RCP	CMP	PVC	HDPE	
	Steel	DI	VCP	Other	
Color (Circle One)	Clear	Yellow	Gray	Orange	
	Brown	Green	Red	Other	
Turbidity (Circle One)	Clear	Slightly Cloudy		Cloudy	Opaque
Surface Sheen (Circle One)	None	Oil		Gasoline	
	Scum	Unknown			
Odor (Circle One)	None	Oil	Decaying Vegetation		SO <sub>2</sub>
	Fuel	Sewage	Methane		Unknown
Pipe Active (Circle One)	No	Trickle	Moderate	Substantial	

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 - 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
2 photos



BRD1-34-3-1



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>SCP2-33-4-1</b>
Date of Last Rainfall	6-10-2022 (1.16 inches)
Date Inspection Performed	6-13-2022
Name of Inspector	RRS TEC
Receiving Water	Brandy Brook
M.H. or Outfall (Circle One)	M.H. <u>Outfall</u>
Pipe Size	52" x 36"
Pipe Material (Circle One)	RCP <u>CMP</u> PVC HDPE Steel DI VCP Other
Color (Circle One)	Clear Yellow Gray Orange Brown Green Red Other
Turbidity (Circle One)	Clear Slightly Cloudy Cloudy Opaque
Surface Sheen (Circle One)	None Oil Gasoline Scum Unknown
Odor (Circle One)	None Oil Decaying Vegetation SO <sub>2</sub> Fuel Sewage Methane Unknown
Pipe Active (Circle One)	<u>No</u> Trickle Moderate Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
2 photos



SCP2-33-4-1



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>SCP2-33-3-1</b>				
Date of Last Rainfall	6-10-2022 (1.16 inches)				
Date Inspection Performed	6-13-2022				
Name of Inspector	RRS JEC				
Receiving Water	Scuppernong Creek				
M.H. or Outfall (Circle One)	M.H.		<u>Outfall</u>		
Pipe Size	2 - 36"				
Pipe Material (Circle One)	<u>RCP</u>	CMP	PVC	HDPE	
	Steel	DI	VCP	Other	
Color (Circle One)	Clear	Yellow	Gray	Orange	
	Brown	Green	Red	Other	
Turbidity (Circle One)	Clear	Slightly Cloudy	Cloudy	Opaque	
Surface Sheen (Circle One)	None	Oil	Gasoline		
		Scum	Unknown		
Odor (Circle One)	None	Oil	Decaying Vegetation	SO <sub>2</sub>	
		Fuel	Sewage	Methane	Unknown
Pipe Active (Circle One)	<u>No</u>	Trickle	Moderate	Substantial	

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 - 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
2 photos



SCP2-33-3-1



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>SCP2-28-3-1</b>				
Date of Last Rainfall	6-10-2022 (1.16 inches)				
Date Inspection Performed	6-13-2022				
Name of Inspector	RRS JEC				
Receiving Water	Scuppernong Creek				
M.H. or Outfall (Circle One)	M.H.		<u>Outfall</u>		
Pipe Size	28" x 42"				
Pipe Material (Circle One)	RCP	<u>CMP</u>	PVC	HDPE	
	Steel	DI	VCP	Other	
Color (Circle One)	Clear	Yellow	Gray	Orange	
	Brown	Green	Red	Other	
Turbidity (Circle One)	Clear	Slightly Cloudy	Cloudy	Opaque	
Surface Sheen (Circle One)	None	Oil	Gasoline		
		Scum	Unknown		
Odor (Circle One)	None	Oil	Decaying Vegetation	SO <sub>2</sub>	
	Fuel	Sewage	Methane	Unknown	
Pipe Active (Circle One)	<u>No</u>	Trickle	Moderate	Substantial	

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
2 photos



SCP2-28-3-1





**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>SCP2-28-1-2</b>			
Date of Last Rainfall	6-10-2022 (1.16 inches)			
Date Inspection Performed	6-13-2022			
Name of Inspector	RRS JES			
Receiving Water	Scuppernong Creek			
M.H. or Outfall (Circle One)	M.H.		<u>Outfall</u>	
Pipe Size	2 - 34" x 26"			
Pipe Material (Circle One)	RCP	<u>CMP</u>	PVC	HDPE
	Steel	DI	VCP	Other
Color (Circle One)	Clear	Yellow	Gray	Orange
	Brown	Green	Red	Other
Turbidity (Circle One)	Clear	Slightly Cloudy	Cloudy	Opaque
Surface Sheen (Circle One)	None	Oil	Gasoline	
		Scum	Unknown	
Odor (Circle One)	None	Oil	Decaying Vegetation	SO <sub>2</sub>
		Fuel	Sewage	Methane
Pipe Active (Circle One)	<u>No</u>	Trickle	Moderate	Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 - 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET



SCP2-28-1-2



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>SCP2-28-1-1</b>
Date of Last Rainfall	6-10-2022 (1.16 inches)
Date Inspection Performed	6-13-2022
Name of Inspector	RKS JEC
Receiving Water	Brandy Brook
M.H. or Outfall (Circle One)	M.H. <u>Outfall</u>
Pipe Size	2 - 36" x 24"
Pipe Material (Circle One)	RCP <u>CMP</u> PVC HDPE Steel DI VCP Other
Color (Circle One)	Clear Yellow Gray Orange Brown Green Red Other
Turbidity (Circle One)	Clear Slightly Cloudy Cloudy Opaque
Surface Sheen (Circle One)	None Oil Gasoline Scum Unknown
Odor (Circle One)	None Oil Decaying Vegetation SO <sub>2</sub> Fuel Sewage Methane Unknown
Pipe Active (Circle One)	<u>No</u> Trickle Moderate Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 - 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
2 photos



SCP2-28-1-1



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-26-2-2</b>				
Date of Last Rainfall	6-10-2022 (1.16 inches)				
Date Inspection Performed	6-13-2022				
Name of Inspector	RRS JEC				
Receiving Water	Pewaukee Lake				
M.H. or Outfall (Circle One)	M.H.				<u>Outfall</u>
Pipe Size	60" x 36"				
Pipe Material (Circle One)	<u>RCP</u>	CMP	PVC	HDPE	
	Steel	DI	VCP	Other	
Color (Circle One)	<u>Clear</u>	Yellow	Gray	Orange	
	Brown	Green	Red	Other	
Turbidity (Circle One)	<u>Clear</u>	Slightly Cloudy	Cloudy	Opaque	
Surface Sheen (Circle One)	<u>None</u>	Oil	Gasoline		
	Scum	Unknown			
Odor (Circle One)	<u>None</u>	Oil	Decaying Vegetation	SO <sub>2</sub>	
	Fuel	Sewage	Methane	Unknown	
Pipe Active (Circle One)	No	<u>Trickle</u>	Moderate	Substantial	

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	8.2
Total Chlorine Level*	< 0.2 mg/L	0.0
Total Copper Level*	< 0.1 mg/L	0.0
Total Phenol Level*	< 0.5 mg/L	0.0
Detergents Level*	< 0.25 mg/L	0.0
Water Temperature	-	64.8 °F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe active
sample taken

PHOTO INSET
2 photos



PWK1-26-2-2



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-26-2-1</b>			
Date of Last Rainfall	6-10-2022 (1.16 inches)			
Date Inspection Performed	6-13-2022			
Name of Inspector	RRS JEC			
Receiving Water	Pewaukee Lake			
M.H. or Outfall (Circle One)	M.H.	<b>Outfall</b>		
Pipe Size	2 - 36"			
Pipe Material (Circle One)	RCP	<b>CMP</b>	PVC	HDPE
	Steel	DI	VCP	Other
Color (Circle One)	<b>Clear</b>	Yellow	Gray	Orange
	Brown	Green	Red	Other
Turbidity (Circle One)	<b>Clear</b>	Slightly Cloudy	Cloudy	Opaque
Surface Sheen (Circle One)	<b>None</b>	Oil	Gasoline	
	Scum	Unknown		
Odor (Circle One)	<b>None</b>	Oil	Decaying Vegetation	SO <sub>2</sub>
	Fuel	Sewage	Methane	Unknown
Pipe Active (Circle One)	No	<b>Frickle</b>	Moderate	Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 - 9.0	7.8
Total Chlorine Level*	< 0.2 mg/L	0.0
Total Copper Level*	< 0.1 mg/L	0.0
Total Phenol Level*	< 0.5 mg/L	0.0
Detergents Level*	< 0.25 mg/L	0.0
Water Temperature	-	58.4 °F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe active
sample taken
trees present at downstream end of culverts

PHOTO INSET
2 photos



PWK1-26-2-1





**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-26-1-1</b>			
Date of Last Rainfall	6-10-2022 (1.16 inches)			
Date Inspection Performed	6-13-2022			
Name of Inspector	RRS TEC			
Receiving Water	Pewaukee Lake			
M.H. or Outfall (Circle One)	M.H.	<u>Outfall</u>		
Pipe Size	2-45"			
Pipe Material (Circle One)	RCP	<u>CMP</u>	PVC	HDPE
	Steel	DI	VCP	Other
Color (Circle One)	Clear	Yellow	Gray	Orange
	Brown	Green	Red	Other
Turbidity (Circle One)	Clear	Slightly Cloudy	Cloudy	Opaque
Surface Sheen (Circle One)	None	Oil	Gasoline	
		Scum	Unknown	
Odor (Circle One)	None	Oil	Decaying Vegetation	SO <sub>2</sub>
		Fuel	Sewage	Methane
Pipe Active (Circle One)	<u>No</u>	Trickle	Moderate	Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
1 photo



PWK1-26-1-1



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-26-1-2</b>				
Date of Last Rainfall	6-10-2022 (1.16 inches)				
Date Inspection Performed	6-13-2022				
Name of Inspector	RRS JEC				
Receiving Water	Brandy Brook				
M.H. or Outfall (Circle One)	M.H.		<u>Outfall</u>		
Pipe Size	40" x 32"				
Pipe Material (Circle One)	RCP	<u>CMP</u>	PVC	HDPE	
	Steel	DI	VCP	Other	
Color (Circle One)	Clear	Yellow	Gray	Orange	
	Brown	Green	Red	Other	
Turbidity (Circle One)	Clear	Slightly Cloudy	Cloudy	Opaque	
Surface Sheen (Circle One)	None	Oil	Gasoline		
	Scum	Unknown			
Odor (Circle One)	None	Oil	Decaying Vegetation	SO <sub>2</sub>	
	Fuel	Sewage	Methane	Unknown	
Pipe Active (Circle One)	<u>No</u>	Trickle	Moderate	Substantial	

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
2 photos



PWK1-26-1-2



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-24-3-1</b>			
Date of Last Rainfall	6-10-2022 (1.16 inches)			
Date Inspection Performed	6-13-2022			
Name of Inspector	RRS JEC			
Receiving Water	Pewaukee Lake			
M.H. or Outfall (Circle One)	M.H.	<b>Outfall</b>		
Pipe Size	54"			
Pipe Material (Circle One)	RCP	<b>CMP</b>	PVC	HDPE
	Steel	DI	VCP	Other
Color (Circle One)	<b>Clear</b>	Yellow	Gray	Orange
	Brown	Green	Red	Other
Turbidity (Circle One)	<b>Clear</b>	Slightly Cloudy	Cloudy	Opaque
Surface Sheen (Circle One)	<b>None</b>	Oil	Gasoline	
	Scum	Unknown		
Odor (Circle One)	<b>None</b>	Oil	Decaying Vegetation	SO <sub>2</sub>
	Fuel	Sewage	Methane	Unknown
Pipe Active (Circle One)	No	<b>Trickle</b>	Moderate	Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	8.1
Total Chlorine Level*	< 0.2 mg/L	0.0
Total Copper Level*	< 0.1 mg/L	0.0
Total Phenol Level*	< 0.5 mg/L	0.0
Detergents Level*	< 0.25 mg/L	0.0
Water Temperature	-	61.4 °F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe active
sample taken

PHOTO INSET
2 photos



PWK1-24-3-1



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-24-4-2</b>			
Date of Last Rainfall	6-10-2022 (1.16 inches)			
Date Inspection Performed	6-13-2022			
Name of Inspector	RRS JEC			
Receiving Water	Pewaukee Lake			
M.H. or Outfall (Circle One)	M.H.		<u>Outfall</u>	
Pipe Size	6' x 6'			
Pipe Material (Circle One)	<u>RCP</u>	CMP	PVC	HDPE
	Steel	DI	VCP	Other
Color (Circle One)	Clear	Yellow	Gray	Orange
	Brown	Green	Red	Other
Turbidity (Circle One)	Clear	Slightly Cloudy	Cloudy	Opaque
Surface Sheen (Circle One)	None	Oil	Gasoline	
	Scum	Unknown		
Odor (Circle One)	None	Oil	Decaying Vegetation	SO <sub>2</sub>
	Fuel	Sewage	Methane	Unknown
Pipe Active (Circle One)	<u>No</u>	Trickle	Moderate	Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
1 photo



PWK1-24-4-2





**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-23-4-1</b>			
Date of Last Rainfall	6-10-2022 (1.16 inches)			
Date Inspection Performed	6-13-2022			
Name of Inspector	RRS JEC			
Receiving Water	Pewaukee Lake			
M.H. or Outfall (Circle One)	M.H.		<b>Outfall</b>	
Pipe Size	30" x 36"			
Pipe Material (Circle One)	RCP	<b>CMP</b>	PVC	HDPE
	Steel	DI	VCP	Other
Color (Circle One)	<b>Clear</b>	Yellow	Gray	Orange
	Brown	Green	Red	Other
Turbidity (Circle One)	<b>Clear</b>	Slightly Cloudy	Cloudy	Opaque
Surface Sheen (Circle One)	<b>None</b>	Oil	Gasoline	
	Scum	Unknown		
Odor (Circle One)	<b>None</b>	Oil	Decaying Vegetation	SO <sub>2</sub>
	Fuel	Sewage	Methane	Unknown
Pipe Active (Circle One)	No	<b>Trickle</b>	Moderate	Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	7.8
Total Chlorine Level*	< 0.2 mg/L	0.0
Total Copper Level*	< 0.1 mg/L	0.0
Total Phenol Level*	< 0.5 mg/L	0.0
Detergents Level*	< 0.25 mg/L	0.0
Water Temperature	-	56.8 °F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe active
sample taken

PHOTO INSET
1 photo



PWK1-23-4-1



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-23-1-1</b>			
Date of Last Rainfall	6-10-2022 (1.16 inches)			
Date Inspection Performed	6-13-2022			
Name of Inspector	RRS JEC			
Receiving Water	Pewaukee Lake			
M.H. or Outfall (Circle One)	M.H.	<b>Outfall</b>		
Pipe Size	2-24"			
Pipe Material (Circle One)	<b>RCP</b>	CMP	PVC	HDPE
	Steel	DI	VCP	Other
Color (Circle One)	<b>Clear</b>	Yellow	Gray	Orange
	Brown	Green	Red	Other
Turbidity (Circle One)	<b>Clear</b>	Slightly Cloudy	Cloudy	Opaque
Surface Sheen (Circle One)	<b>None</b>	Oil	Gasoline	
	Scum	Unknown		
Odor (Circle One)	<b>None</b>	Oil	Decaying Vegetation	SO <sub>2</sub>
	Fuel	Sewage	Methane	Unknown
Pipe Active (Circle One)	No	<b>Trickle</b>	Moderate	Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	7.6
Total Chlorine Level*	< 0.2 mg/L	0.0
Total Copper Level*	< 0.1 mg/L	0.0
Total Phenol Level*	< 0.5 mg/L	0.0
Detergents Level*	< 0.25 mg/L	0.0
Water Temperature	-	56.3 °F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe active
sample taken

PHOTO INSET
2 photos



PWK1-23-1-1



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-23-2-1</b>			
Date of Last Rainfall	6-10-2022 (1.16 inches)			
Date Inspection Performed	6-13-2022			
Name of Inspector	R.R.S. J.E.C.			
Receiving Water	Pewaukee Lake			
M.H. or Outfall (Circle One)	M.H.	<u>Outfall</u>		
Pipe Size	2-36", 1-32"			
Pipe Material (Circle One)	RCP	<u>CMP</u>	PVC	HDPE
	Steel	DI	VCP	Other
Color (Circle One)	<u>Clear</u>	Yellow	Gray	Orange
	Brown	Green	Red	Other
Turbidity (Circle One)	<u>Clear</u>	Slightly Cloudy	Cloudy	Opaque
Surface Sheen (Circle One)	<u>None</u>	Oil	Gasoline	
	Scum	Unknown		
Odor (Circle One)	<u>None</u>	Oil	Decaying Vegetation	SO <sub>2</sub>
	Fuel	Sewage	Methane	Unknown
Pipe Active (Circle One)	No	<u>Trickle</u>	Moderate	Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	7.9
Total Chlorine Level*	< 0.2 mg/L	0.0
Total Copper Level*	< 0.1 mg/L	0.0
Total Phenol Level*	< 0.5 mg/L	0.0
Detergents Level*	< 0.25 mg/L	0.0
Water Temperature	-	64.2 °F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe active
sample taken

PHOTO INSET
1 photo



PWK1-23-2-1



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-22-1-1</b>			
Date of Last Rainfall	6-10-2022 (1.16 inches)			
Date Inspection Performed	6-13-2022			
Name of Inspector	RRS JEC			
Receiving Water	Pewaukee Lake			
M.H. or Outfall (Circle One)	<u>M.H.</u>		Outfall	
Pipe Size	24"			
Pipe Material (Circle One)	<u>RCP</u>		CMP	PVC
	Steel	DI	VCP	HDPE
Color (Circle One)	<u>Clear</u>		Yellow	Gray
	Brown	Green	Red	Orange
Turbidity (Circle One)	<u>Clear</u>		Slightly Cloudy	Cloudy
Surface Sheen (Circle One)	<u>None</u>		Oil	Gasoline
	Scum	Unknown		
Odor (Circle One)	<u>None</u>		Oil	Decaying Vegetation
	Fuel	Sewage	Methane	SO <sub>2</sub>
Pipe Active (Circle One)	No	Trickle	<u>Moderate</u>	

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	7.4
Total Chlorine Level*	< 0.2 mg/L	0.0
Total Copper Level*	< 0.1 mg/L	0.0
Total Phenol Level*	< 0.5 mg/L	0.0
Detergents Level*	< 0.25 mg/L	0.0
Water Temperature	-	55.6 °F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe active
sample taken

PHOTO INSET
2 photos



PWK1-22-1-1





**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-22-4-1</b>
Date of Last Rainfall	6-10-2022 (1.16 inches)
Date Inspection Performed	6-13-2022
Name of Inspector	RRS JEC
Receiving Water	Pewaukee Lake
M.H. or Outfall (Circle One)	M.H. <u>Outfall</u>
Pipe Size	36"
Pipe Material (Circle One)	RCP <u>CMP</u> PVC HDPE Steel DI VCP Other
Color (Circle One)	Clear Yellow Gray Orange Brown Green Red Other
Turbidity (Circle One)	Clear Slightly Cloudy Cloudy Opaque
Surface Sheen (Circle One)	None Oil Gasoline Scum Unknown
Odor (Circle One)	None Oil Decaying Vegetation SO <sub>2</sub> Fuel Sewage Methane Unknown
Pipe Active (Circle One)	<u>No</u> Trickle Moderate Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
2 photos



PWK1-22-4-1



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-22-2-1</b>				
Date of Last Rainfall	6-10-2022 (1.16 inches)				
Date Inspection Performed	6-13-2022				
Name of Inspector	RRS JEC				
Receiving Water	Pewaukee Lake				
M.H. or Outfall (Circle One)	M.H.		<u>Outfall</u>		
Pipe Size	2 - 36"				
Pipe Material (Circle One)	<u>RCP</u>	CMP	PVC	HDPE	
	Steel	DI	VCP	Other	
Color (Circle One)	Clear	Yellow	Gray	Orange	
	Brown	Green	Red	Other	
Turbidity (Circle One)	Clear	Slightly Cloudy	Cloudy	Opaque	
Surface Sheen (Circle One)	None	Oil	Gasoline		
		Scum	Unknown		
Odor (Circle One)	None	Oil	Decaying Vegetation	SO <sub>2</sub>	
		Fuel	Sewage	Methane	Unknown
Pipe Active (Circle One)	<u>No</u>	Trickle	Moderate	Substantial	

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 - 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
2 photos



PWK1-22-2-1



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-15-4-1</b>			
Date of Last Rainfall	6-10-2022 (1.16 inches)			
Date Inspection Performed	6-13-2022			
Name of Inspector	RRS JEC			
Receiving Water	Pewaukee Lake			
M.H. or Outfall (Circle One)	M.H.	<b>Outfall</b>		
Pipe Size	48" x 36"			
Pipe Material (Circle One)	RCP	<b>CMP</b>	PVC	HDPE
	Steel	DI	VCP	Other
Color (Circle One)	Clear	Yellow	Gray	Orange
	Brown	Green	Red	Other
Turbidity (Circle One)	Clear	Slightly Cloudy	Cloudy	Opaque
Surface Sheen (Circle One)	None	Oil	Gasoline	
		Scum	Unknown	
Odor (Circle One)	None	Oil	Decaying Vegetation	SO <sub>2</sub>
		Fuel	Sewage	Methane
Pipe Active (Circle One)	<b>No</b>	Trickle	Moderate	Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
2 photos



PWK1-15-4-1



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-15-4-2</b>				
Date of Last Rainfall	6-10-2022 (1.16 inches)				
Date Inspection Performed	6-13-2022				
Name of Inspector	RRS JEC				
Receiving Water	Pewaukee Lake				
M.H. or Outfall (Circle One)	M.H. <b>Outfall</b>				
Pipe Size	48" x 24"				
Pipe Material (Circle One)	<b>RCP</b>	CMP	PVC	HDPE	
	Steel	DI	VCP	Other	
Color (Circle One)	<b>Clear</b>	Yellow	Gray	Orange	
	Brown	Green	Red	Other	
Turbidity (Circle One)	<b>Clear</b>	Slightly Cloudy	Cloudy	Opaque	
Surface Sheen (Circle One)	<b>None</b>	Oil	Gasoline		
	Scum	Unknown			
Odor (Circle One)	<b>None</b>	Oil	Decaying Vegetation	SO <sub>2</sub>	
	Fuel	Sewage	Methane	Unknown	
Pipe Active (Circle One)	No	<b>Trickle</b>	Moderate	Substantial	

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 - 9.0	7.5
Total Chlorine Level*	< 0.2 mg/L	0.0
Total Copper Level*	< 0.1 mg/L	0.0
Total Phenol Level*	< 0.5 mg/L	0.0
Detergents Level*	< 0.25 mg/L	0.0
Water Temperature	-	61.7 °F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe active
sample taken

PHOTO INSET
2 photos



PWK1-15-4-2





**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-14-2-1</b>			
Date of Last Rainfall	6-10-2022 (1.16 inches)			
Date Inspection Performed	6-13-2022			
Name of Inspector	RSS JEC			
Receiving Water	Pewaukee Lake			
M.H. or Outfall (Circle One)	M.H. <b>Outfall</b>			
Pipe Size	5' x 3.5'			
Pipe Material (Circle One)	RCP	<b>CMP</b>	PVC	HDPE
	Steel	DI	VCP	Other
Color (Circle One)	Clear	Yellow	Gray	Orange
	Brown	Green	Red	Other
Turbidity (Circle One)	Clear	Slightly Cloudy	Cloudy	Opaque
Surface Sheen (Circle One)	None	Oil	Gasoline	
	Scum	Unknown		
Odor (Circle One)	None	Oil	Decaying Vegetation	SO <sub>2</sub>
	Fuel	Sewage	Methane	Unknown
Pipe Active (Circle One)	<b>No</b>	Trickle	Moderate	Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
1 photo



PWK1-14-2-1



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-14-1-1</b>			
Date of Last Rainfall	6-10-2022 (1.16 inches)			
Date Inspection Performed	6-13-2022			
Name of Inspector	RRS JEC			
Receiving Water	Pewaukee Lake			
M.H. or Outfall (Circle One)	M.H.		<u>Outfall</u>	
Pipe Size	42"			
Pipe Material (Circle One)	<u>RCP</u>	CMP	PVC	HDPE
	Steel	DI	VCP	Other
Color (Circle One)	Clear	Yellow	Gray	Orange
	Brown	Green	Red	Other
Turbidity (Circle One)	Clear	Slightly Cloudy	Cloudy	Opaque
Surface Sheen (Circle One)	None	Oil	Gasoline	
	Scum	Unknown		
Odor (Circle One)	None	Oil	Decaying Vegetation	SO <sub>2</sub>
	Fuel	Sewage	Methane	Unknown
Pipe Active (Circle One)	<u>No</u>	Trickle	Moderate	Substantial

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
2 photos



PWK1-14-1-1



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-12-3-8</b>				
Date of Last Rainfall	6-10-2022 (1.16 inches)				
Date Inspection Performed	6-13-2022				
Name of Inspector	RRS JEC				
Receiving Water	Pewaukee Lake				
M.H. or Outfall (Circle One)	M.H.				<u>Outfall</u>
Pipe Size	84" x 52"				
Pipe Material (Circle One)	<u>RCP</u>	CMP	PVC	HDPE	
	Steel	DI	VCP	Other	
Color (Circle One)	Clear	Yellow	Gray	Orange	
	Brown	Green	Red	Other	
Turbidity (Circle One)	Clear	Slightly Cloudy	Cloudy	Opaque	
Surface Sheen (Circle One)	None	Oil	Gasoline		
	Scum	Unknown			
Odor (Circle One)	None	Oil	Decaying Vegetation	SO <sub>2</sub>	
	Fuel	Sewage	Methane	Unknown	
Pipe Active (Circle One)	<u>No</u>	Trickle	Moderate	Substantial	

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
2 photos



PWK1-12-3-8



**Visual Inspection Form  
For Illegal Connection/Illicit Discharge  
WPDES Permit No. WI-S050075-3**

<b>Outfall ID</b>	<b>PWK1-12-1-1</b>				
Date of Last Rainfall	6-10-2022 (1.16 inches)				
Date Inspection Performed	6-13-2022				
Name of Inspector	RRS JEC				
Receiving Water	Pewaukee Lake				
M.H. or Outfall (Circle One)	<input checked="" type="radio"/> M.H.		<input type="radio"/> Outfall		
Pipe Size	60"				
Pipe Material (Circle One)	<input checked="" type="radio"/> RCP	<input type="radio"/> CMP	<input type="radio"/> PVC	<input type="radio"/> HDPE	
	Steel	DI	VCP	Other	
Color (Circle One)	<input type="radio"/> Clear	<input type="radio"/> Yellow	<input type="radio"/> Gray	<input type="radio"/> Orange	
	Brown	Green	Red	Other	
Turbidity (Circle One)	<input type="radio"/> Clear	<input type="radio"/> Slightly Cloudy		<input type="radio"/> Cloudy	<input type="radio"/> Opaque
Surface Sheen (Circle One)	<input type="radio"/> None	<input type="radio"/> Oil		<input type="radio"/> Gasoline	
	Scum	Unknown			
Odor (Circle One)	<input type="radio"/> None	<input type="radio"/> Oil	<input type="radio"/> Decaying Vegetation		<input type="radio"/> SO <sub>2</sub>
	Fuel	Sewage	Methane	Unknown	
Pipe Active (Circle One)	<input checked="" type="radio"/> No	<input type="radio"/> Trickle	<input type="radio"/> Moderate	<input type="radio"/> Substantial	

**IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.**

Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Water Temperature	-	°F

\* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
pipe not active

PHOTO INSET
2 photos



PWK1-12-1-1





# **Construction Site Pollutant Control Inspections**

Town of Delafield  
2022 Construction Site Inspections and Enforcement Action Summary

Inspections

71 construction inspections by Waukesha County staff  
4 Sites passed final inspection (included in total above)

Permits

8 Permit applications received  
9 Permits issued  
7 Permits terminated  
1 Permits extended

Enforcement Actions Taken

Conducted Investigation	(Cassandras Temporary Event Parking)
Posted Stop Work Order	(Cassandras Temporary Event Parking)
Sent Notice of Non-Compliance	(Cassandras Temporary Event Parking)
Satisfaction of Enforcement	(Cassandras Temporary Event Parking)



# **Pollution Prevention Municipal Facility Inspections**

**ROUTINE INSPECTION FORM  
PUBLIC WORKS FACILITY**

**Inspector:** TIM BARBEAU

**Date:** 04-01-2022

Potential Pollutant Sources	Yes	No	If No, Describe Location & Action Needed	Initial & Date After Action is Completed
A. Material and waste storage areas are maintained in good condition to minimize discharge of pollutants.	X			
B. Any oil leaks or spills present are properly contained by drip pans or absorbents. Absorbents are picked up and properly disposed of in a timely manner.	X			
C. Containers and above ground storage tanks are in sound condition (check for corroded or damaged containers, supports, and valves).	X			
D. Fueling area and underground storage tanks in good condition.	X			
E. Road salt is stored properly.	X			
F. Vehicle and equipment maintenance areas in sound condition.	X			
G. Grounds do not show signs of erosion.		X	Some erosion along the east side of the westerly drive area, south of salt storage building. Restoration required.	
H. Washwater tanks in good working order.	X			



Erosion Area of Concern



Erosion Area of Concern

**ROUTINE INSPECTION FORM  
PUBLIC WORKS FACILITY**

Inspector: Tim BARBEAU Date: June 24, 2022

Potential Pollutant Sources	Yes	No	If No, Describe Location & Action Needed	Initial & Date After Action is Completed
A. Material and waste storage areas are maintained in good condition to minimize discharge of pollutants.	✓			
B. Any oil leaks or spills present are properly contained by drip pans or absorbents. Absorbents are picked up and properly disposed of in a timely manner.	✓			
C. Containers and above ground storage tanks are in sound condition (check for corroded or damaged containers, supports, and valves).	✓			
D. Fueling area and underground storage tanks in good condition.	✓			
E. Road salt is stored properly.	✓			
F. Vehicle and equipment maintenance areas in sound condition.	✓			
G. Grounds do not show signs of erosion.			MINOR EROSION ALONG E. EDGE OF ASPHALT SOUTH OF PW'S GARAGE	
H. Washwater tanks in good working order.	✓			

**ROUTINE INSPECTION FORM  
PUBLIC WORKS FACILITY**

Inspector: *TIM BARBEAU*

Date: *9/20/22*

Potential Pollutant Sources	Yes	No	If No, Describe Location & Action Needed	Initial & Date After Action is Completed
A. Material and waste storage areas are maintained in good condition to minimize discharge of pollutants.	✓			
B. Any oil leaks or spills present are properly contained by drip pans or absorbents. Absorbents are picked up and properly disposed of in a timely manner.	✓			
C. Containers and above ground storage tanks are in sound condition (check for corroded or damaged containers, supports, and valves).	✓			
D. Fueling area and underground storage tanks in good condition.	✓			
E. Road salt is stored properly.	✓			
F. Vehicle and equipment maintenance areas in sound condition.	✓			
G. Grounds do not show signs of erosion.		X	<i>EROSION OF AREA ALONG PAVED ACCESS, ACROSS FROM SALT STORAGE BLDG. HWY SUPP. EQUIPMENT AWARE OF ISSUE &amp; WILL INSTALL ASPHALT CURB TO KEEP WATER OFF LAWN + RESTORE ERODED AREA.</i>	
H. Washwater tanks in good working order.	✓			



Erosion Area of Concern



Erosion Area of Concern



**ROUTINE INSPECTION FORM**  
**TOWN OF DELAFIELD PUBLIC WORKS FACILITY**

**Inspector: Tim Barbeau** **Date: 12/13/22**

Potential Pollutant Sources	Yes	No	If No, Describe Location & Action Needed	Initial & Date After Action is Completed
A. Material and waste storage areas are maintained in good condition to minimize discharge of pollutants.	X			
B. Any oil leaks or spills present are properly contained by drip pans or absorbents. Absorbents are picked up and properly disposed of in a timely manner.	X			
C. Containers and above ground storage tanks are in sound condition (check for corroded or damaged containers, supports, and valves).	X			
D. Fueling area and underground storage tanks in good condition.	X			
E. Road salt is stored properly.	X			
F. Vehicle and equipment maintenance areas in sound condition.	X			
G. Grounds do not show signs of erosion.	X		Areas if erosion from previous reports have been addressed with an asphalt curb to direct the water away from the eroding area and the installation of stone behind the curb.	
H. Washwater tanks in good working order.	N/A			



Erosion Area of Concern Resolved