

# 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**.

Form 3400-224(R8/2021)

## Reporting Information :

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

**Project Name:** 2021 Annual Report

**County:** Milwaukee

**Municipality:** Milwaukee County

**Permit Number:** S065404

**Facility Number:** 36111

**Reporting Year:** 2021

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:** Milwaukee County

**Facility ID # or (FIN):** 36111

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

**Mailing Address:** 633 W Wisconsin Ave 10th Floor

**Mailing Address 2:**

**City:** Milwaukee

**State:** Wisconsin

**Zip Code:** 53203      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:** Tim

**Last Name:** Detzer

Select to **update** current contact information

**Title:** Principal Env. Eng.

**Mailing Address:** 633 W. Wisconsin Avenue

**Mailing Address 2:**

**City:** Milwaukee

**State:** WI

**Zip Code:** 53203      xxxxx or xxxxx-xxxx

**Phone Number:** 414-278-2988      Ext:      xxx-xxx-xxxx

**Email:** timothy.detzer@milwaukeecountywi.gov

### Additional Contacts Information (Optional)

I&E Program

IDDE Program

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

- 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:**

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

Yes  No

Public Education and Outreach  Southeastern Wisconsin Watershed Trust

Public Involvement and Participation

Illicit Discharge Detection and Elimination

Construction Site Pollutant Control

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

**Minimum Control Measures- Section 1 : Complete****1. Public Education and Outreach**

a. Complete the following information on Public Education and Outreach Activities related to storm water. Select the Delivery Mechanism that best describes how the topics were conveyed to your population. Use the Add Event to add additional entries.

<b>Event Start Date</b>	1/1/2021		
<b>Project/Event Name</b>	Respect Our Waters Website		
<b>Delivery Mechanism</b>	Website		*Active
Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
<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 type="checkbox"/> Stream and shoreline management <input checked="" type="checkbox"/> Residential infiltration <input checked="" 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 checked="" type="checkbox"/> Other: General Watershed & Stormwater Edu...	<input checked="" type="checkbox"/> General Public <input type="checkbox"/> Public Employees <input checked="" type="checkbox"/> Residents <input checked="" type="checkbox"/> Businesses <input checked="" type="checkbox"/> Contractors <input checked="" type="checkbox"/> Developers <input type="checkbox"/> Industries <input type="checkbox"/> Other	101 +	<input checked="" type="radio"/> Yes <input type="radio"/> No

<b>Event Start Date</b>	1/1/2021		
<b>Project/Event Name</b>	Watershed Wednesday Social Media Campaign		
<b>Delivery Mechanism</b>	Social media post		*Active
Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
<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 type="checkbox"/> Stream and shoreline management <input checked="" type="checkbox"/> Residential infiltration <input type="checkbox"/> Construction sites and post-construction storm water management <input type="checkbox"/> Pollution prevention <input type="checkbox"/> Green infrastructure/low impact development <input checked="" type="checkbox"/> Other: General Watershed & Stormwater Edu...	<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"/> Other	101 +	<input checked="" type="radio"/> Yes <input type="radio"/> No

<b>Event Start Date</b>	1/1/2021
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<b>Project/Event Name</b>	Direct Mailer		
<b>Delivery Mechanism</b>	Distribution of print media		*Active
Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
<input checked="" type="checkbox"/> Illicit discharge detection and elimination <input type="checkbox"/> Household hazardous waste disposal/pet waste management/vehicle washing <input checked="" type="checkbox"/> Yard waste management/pesticide and fertilizer application <input type="checkbox"/> Stream and shoreline management <input type="checkbox"/> Residential infiltration <input type="checkbox"/> Construction sites and post-construction storm water management <input type="checkbox"/> Pollution prevention <input type="checkbox"/> Green infrastructure/low impact development <input checked="" type="checkbox"/> Other: <input type="text" value="Ice &amp; Snow Control"/>	<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"/> Other	101 +	<input checked="" type="radio"/> Yes <input type="radio"/> No

<b>Event Start Date</b>	1/1/2021		
<b>Project/Event Name</b>	Respect Our Waters Tabling Activities		
<b>Delivery Mechanism</b>	Informational booth*		*Active
Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
<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 type="checkbox"/> Stream and shoreline management <input checked="" type="checkbox"/> Residential infiltration <input 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 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"/> Other	101 +	<input checked="" type="radio"/> Yes <input type="radio"/> No

<b>Event Start Date</b>	12/7/2021		
<b>Project/Event Name</b>	Clean Rivers, Clean Lakes Conference		
<b>Delivery Mechanism</b>	Targeted group training*		*Active
Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
<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"/> General Public <input checked="" type="checkbox"/> Public Employees <input type="checkbox"/> Residents <input type="checkbox"/> Businesses <input type="checkbox"/> Contractors	11-50	<input checked="" type="radio"/> Yes <input type="radio"/> No

<input 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 type="checkbox"/> Developers <input type="checkbox"/> Industries <input checked="" type="checkbox"/> Other		
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<b>Event Start Date</b>	10/26/2021
<b>Project/Event Name</b>	Plastics Pollution in the Great Lakes
<b>Delivery Mechanism</b>	Targeted group training* <span style="float: right;">*Active</span>

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
<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 type="checkbox"/> Construction sites and post-construction storm water management <input checked="" type="checkbox"/> Pollution prevention <input type="checkbox"/> Green infrastructure/low impact development <input checked="" type="checkbox"/> Other: <input type="text"/> plastic pollution in Great Lakes	<input type="checkbox"/> General Public <input checked="" type="checkbox"/> Public Employees <input type="checkbox"/> Residents <input type="checkbox"/> Businesses <input type="checkbox"/> Contractors <input type="checkbox"/> Developers <input type="checkbox"/> Industries <input checked="" type="checkbox"/> Other	11-50	<input checked="" type="radio"/> Yes <input type="radio"/> No

**b.** Brief explanation on Public Education and Outreach reporting. *Limit response to 250 characters and/or attach supplemental information on the attachments page.*

See Attachment for more information about activities performed in partnership with Sweet Water.

## 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>	10/26/2021
<b>Project/Event Name</b>	Land & Water Resource Management Plan Public Meeting
<b>Delivery Mechanism</b>	Government Event (Public Hearing, Council Meeting, etc)

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

<b>Event Start Date</b>	1/1/2021
<b>Project/Event Name</b>	Milwaukee County Annual Report
<b>Delivery Mechanism</b>	Website

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
<input checked="" type="checkbox"/> MS4 Annual Report <input type="checkbox"/> Storm Water Management Program <input type="checkbox"/> Storm Water related ordinance <input type="checkbox"/> Other: <input 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 type="checkbox"/> Other	11-50	<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>	<input type="text"/>	<input checked="" type="checkbox"/> NA (Individual Permittee).
<b>Project/Event Name</b>	<input type="text"/>	
<b>Delivery Mechanism</b>	Citizen committee meeting	

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



**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.*

Please see IDDE attachements.

**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   Unsure

complete in the reporting year (at sites with one acre or more of land disturbing construction activity)?

- 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

- 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.*

Section 4 is not applicable. Milwaukee County is completely incorporated and defers to municipal stormwater ordinances.

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 facilities\* 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, catch basin sumps, etc.

- b. Does the permittee 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. 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.*

Section 5 is not applicable. Milwaukee County is completely incorporated and defers to municipal stormwater control ordinances.

**Minimum Control Measures - Section 6 : Complete**

**6. Pollution Prevention**

Storm Water Management Facility Inspections  Not Applicable

a. Enter the total number of municipally owned or operated structural storm water management facilities?   Unsure

b. How many new municipally owned storm water management facilities were installed in the reporting year?   Unsure

c. How many municipally owned storm water management facilities were inspected in the reporting year?   Unsure

d. What elements are looked at during inspections (250 character limit)?

See Stormwater Inspection Forms in attachments

e. How many of these facilities required maintenance?   Unsure

f. Brief explanation on Storm Water Management Facility 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.*

See inspection report spreadsheet in attachments.

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:

SWPPPS for McKinley Marina and the Milwaukee County Zoo are currently under revision due to redevelopment activities at these locations.

- 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.*

See attachments for SWPPP inspections.

Collection Services - *Street Sweeping / Cleaning Program*  Not Applicable

- l. Did the municipality conduct street sweeping/cleaning during the reporting year?  
 Yes  No  Unsure
- m. If known, how many tons of material was removed?   Unsure
- n. Does the municipality have a low hazard exemption for this material?  Yes  No
- o. If street cleaning is identified as a storm water best management practice in the pollutant loading analysis, was street cleaning completed at the assumed frequency?  
 Yes - Explain frequency \_\_\_\_\_  
 No - Explain Some County Trunk Highways require more sweeping.  
 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 Catch basins are cleaned as needed.  
 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?   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
Other	0	0	0	0	1	0
Salt	0	0	602	1311	1804	81

Liquids (gallons) (ex. brine)

	Oct	Nov	Dec	Jan	Feb	Mar
Brine	0	0	0	1750	2150	0
Other	0	0	8	558	1158	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

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*

Information on salt reduction strategy was requested but not reported.

Internal (Staff) Education & Communication

af. Has training or education been held for municipal or other personnel involved in implementing each of the pollution prevention program elements?  Yes  No  Unsure

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

Please see attachments.

When: Please see attachments.

How many attended: 42

ag. Describe how the municipality has kept the following local officials and municipal staff aware of the municipal storm water discharge permit programs and its requirements.

Elected Officials

Stormwater Information is posted on our website.

Municipal Officials

Stormwater Information is posted on our website, and through budget requests.

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

Meetings, e-mails, memos, etc.

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

**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.*

Milwaukee County's storm sewer map is updated continuously. An updated map will be submitted, but is too large to be attached to this report.

**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

1750	1750	2500	<u>General revenue fund</u>
------	------	------	-----------------------------

**Element:** Public Involvement and Participation

1750	1750	2500	<u>General revenue fund</u>
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**Element:** Illicit Discharge Detection and Elimination

14677	5900	31999	<u>General revenue fund</u>
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**Element:** Construction Site Pollutant Control

0	0	0	<u>General revenue fund</u>
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**Element:** Post-Construction Storm Water Management

0	0	0	<u>General revenue fund</u>
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**Element:** Pollution Prevention

170768	221600	262299	<u>General revenue fund</u>
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**Other (describe)**

			<u>Select...</u>
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Please provide a justification for a "0" entered in the Fiscal Analysis. *Limit response to 250 characters.*

**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.*



**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

## 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.

### Municipal Facility SWPPP

 File Attachment

[SWPPP2021Inspections.pdf](#)

### Storm Sewer System Map

 File Attachment

[MilwaukeeCountyStormSewerMap.pdf](#)

### Attach - Other Supporting Documents

#### AR EO

 File Attachment

[MilwaukeeCounty2021IEReport.pdf](#)

#### AR EO

 File Attachment

[MKECounty\\_ RespectOurWatersEducationPlan.pdf](#)

#### AR IDDE

 File Attachment

[2021-MilwaukeeCo.pdf](#)

#### AR IDDE

 File Attachment

[MilwaukeeCountyHIDPAnalysisSummary.pdf](#)

#### AR IDDE

 File Attachment

[MilwaukeeCountyHIDPAnalysisSummary.pdf](#)

#### AR BMPInspSum

 File Attachment

[StormWaterInspectionFormsRecords.pdf](#)

#### AR BMPInspSum

 File Attachment

[\\_StormWaterInspectionsAll2021.xlsx](#)

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## AR MuniFacInsp

 File Attachment

[SWPPP2021Inspections.pdf](#)

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## AR WintRdMain

 File Attachment

[SalterCalibrationList2021.pdf](#)

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## AR WintRdMain

 File Attachment

[MilwaukeeCountyWinterRoadsideManagementMaterialTotals.pdf](#)

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## AR PP

 File Attachment

[MilwaukeeCountyStreetSweepingCatchBasinCleaningTotals.pdf](#)

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## AR PP

 File Attachment

[SWPPPtraining.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)

## 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 Milwaukee County 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:** Timothy Detzer

**Title:** Principal Environmental Engineer

Authorized Signature.

- I accept the above terms and conditions.

Signed by : i:0#.f|wamsmembership|td1927 on 2022-03-31T15:28:14

You have already signed and submitted this application to the DNR. Please [contact the Wisconsin DNR](#) for assistance.

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.