

Due by March 31, 2017

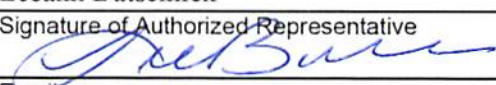
Notice: Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (DNR) by March 31 of each year to report on activities for the previous calendar year. This form is being provided by the DNR for the user's convenience. 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.].

This form is for reporting on activities undertaken in calendar year 2016.

Instructions: Complete each section of the form. If additional space is needed, attach additional pages. Provide descriptions that explain the program actions taken to comply with the general permit. Complete and submit the annual report by March 31, 2017, to the appropriate address indicated on the last page of this form.

Part I. Municipal Information			
Name of Municipality Village of Shorewood		Facility ID No. (FIN)	
Mailing Address 3930 N. Murray Avenue	City Shorewood	State WI	ZIP Code 53211
County(s) in which Municipality is located Milwaukee	Municipality Type: (select one) <input type="radio"/> County <input type="radio"/> City <input checked="" type="radio"/> Village <input type="radio"/> Town <input type="radio"/> Other (specify)		

Part II. Municipal Contact Information			
Name of Municipal Contact Person Lecann Butschlick		Title Director of Public Works	
Mailing Address (if different from above) 3801 N. Morris Boulevard	City Shorewood	State WI	ZIP Code 53211
Email lbutschlick@villageofshorewood.org	Phone Number (include area code) (414) 847-2650	Fax Number (include area code) (414) 847-2651	
Has the contact person changed in the last year? <input type="radio"/> Yes <input checked="" type="radio"/> No			

Part III. Certification			
<p><i>I hereby certify that I am an authorized representative of the municipality covered under MS4 General Permit No. WI-S050075-2 for which this annual report is being submitted and that the information contained in this document 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.</i></p>			
Authorized Representative Printed Name Lecann Butschlick		Authorized Representative Title Director of Public Works	
Signature of Authorized Representative 	Date 5/23/17		
Email lbutschlick@villageofshorewood.org	Phone Number (include area code) (414) 847-2650	Fax Number (include area code) (414) 847-2651	

Part IV. General Information			
<p>a. Describe the municipality's efforts to invite the municipal governing body, interest groups, and general public to review and comment on the annual report.</p> <p>The report is available for public viewing via the Village's website and is posted at the Village information kiosk in the Shorewood Public Library.</p>			
<p>b. Describe how the municipality has kept elected and municipal officials and appropriate staff (such as operators, department heads, and those that interact with the public) informed of the municipal storm water discharge permit and its requirements.</p> <p>Elected officials are kept apprised of permit-related matters via periodic department reports. Appropriate staff have daily conversations regarding storm water management operations.</p>			
<p>c. Has the municipality prepared or updated its own municipal-wide storm water management plan during the reporting year?</p> <p style="text-align: right;"><input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>If yes, provide the title and date of storm water management plan and list any updates:</p> <p>If yes, has the information been submitted to the Department? <input type="radio"/> Yes <input type="radio"/> No</p>			

d. During the reporting year, has the municipality entered into a written agreement with another municipality or a contract with another entity to perform one or more of the conditions as provided under section 2.10 of the general permit? Yes No

If yes, describe these cooperative efforts:

If yes, has the information been submitted to the Department? Yes No

e. If the municipality has an internet website, is there current information about or links provided to the MS4 general permit and/or the municipality's storm water management program? Yes No

If yes, provide web address:

<http://wi-shorewood.civicplus.com/510/Storm-Sewer-System>

Part V. Evaluation of Permit Conditions (Section 2 of General Permit)

Minimum Control Measures: For each of the permit conditions listed below, provide an evaluation of program compliance with the general permit.

1. **Public Education and Outreach (Section 2.1 of General Permit)**

Description of Program(s)	The Village of Shorewood allocates funding annually for the Shorewood Waters Project, an on-going stormwater education and outreach program. SWP activities are funded annually through the DPW operating budget, grants and local organization partnerships. The mission of the SWP is to engage the community by connecting people to their water resources.
Measurable Goal(s)	
Result(s) Achieved	
Describe any planned changes to program.	None

2. **Public Involvement and Participation (Section 2.2 of General Permit)**

Description of Program(s)	SWP activities included a river clean up, the Surf @water event with the SURF Rider Foundation, and the Fish & Feather Festival community event at Shorewood's Hubbard Park on the Milwaukee River that included demonstrations and displays by area conservation organizations. SWP partnered with the Shorewood Senior Resource Center and Shorewood Library in the establish a Monarch Waystation on Atwater Bluff and participated with a booth and activities at various community events.
Measurable Goal(s)	
Result(s) Achieved	
Describe any planned changes to program.	None

3. **Illicit Discharge Detection and Elimination (Section 2.3 of General Permit)**

Description of Program(s)	Shorewood's illicit discharge detection and elimination program includes quarterly inspection of all stormwater outfalls and quarterly inspection of DPW facilities to ensure compliance with proper material handling practices.
Measurable Goal(s)	
Result(s) Achieved	
Describe any planned changes to program.	None.

Part V. Evaluation of Permit Conditions (continued)

4. Construction Site Pollutant Control (Section 2.4 of General Permit)

Description of Program(s)	In 2016, a total of two construction site erosion control permits were issued by the Village. Inspectors receive regular training regarding erosion control and inspection practices.
Measurable Goal(s)	
Result(s) Achieved	
Describe any planned changes to program.	None.

5. Post-Construction Storm Water Management (Section 2.5 of General Permit)

Description of Program(s)	As noted above, two construction site erosion control permits were issued in 2016. As a fully-developed community, Shorewood generally sees only spot or in-fill development.
Measurable Goal(s)	
Result(s) Achieved	
Describe any planned changes to program.	None.

6. Pollution Prevention (Section 2.6 of General Permit)

Description of Program(s)	The Village's pollution prevention program includes twice monthly sweeping (as weather permits), a program to install "dump no waste drains to river/lake" medallions at inlets and catch basins and an aggressive education and outreach program as noted above.
Measurable Goal(s)	
Result(s) Achieved	
Describe any planned changes to program.	None.

• Storm Water Management Facilities (Section 2.6.1 of General Permit)

List any new municipality owned or operated structural storm water management facilities (ponds, biofilters, etc.) added in the last year.
 None.

• Routine Inspection and Maintenance (Section 2.6.2 – 2.6.4 of General Permit)

Does the municipality have an inspection and maintenance program for installed structural storm water management facilities?
 Yes No

Describe the inspection and maintenance program and any activities that have occurred for structural storm water management facilities in 2016. If available, attach any additional information on the inspection and maintenance program.
 DPW staff regularly inspects and maintains 13 biofiltration devices in the Capitol Drive right-of-way and a bioswale located at the intersection of N. Wilson Drive and E. Olive Street. Maintenance includes litter control, weeding and replacement of failing plant material as necessary.
 Describe the street sweeping and catch basin cleaning efforts, and the disposal of waste.
 As noted above, street sweeping is performed twice weekly in season. Debris is disposed as refuse. In 2016, a total 62 sumps were vacuumed. The debris was trucked to Vcolia/Jones Island for disposal.

• Winter Road Management Activities (Section 2.6.5 of General Permit)

Provide the name, title, and phone number of the individual(s) with overall responsibility for winter roadway maintenance.

Leeann Butschlick/Joel Kolste
Director of Public Works/Assistant Director of Public Works
(414) 847-2650

Describe the types of products used for winter road management (e.g. deicing, pre-wetting, salting, etc.).
rock salt, salt brine and calcium chloride

Report the amount of product used by month over the last winter season (approx. November 2015 through April 2016).
November

Report the snow disposal locations, if applicable.
Approximately 4200-4500 blocks N. Wilson Drive (parway area)

Describe anti-icing, equipment calibration, and salt reduction strategies.
The Village currently utilizes brine to pre-wet rock salt; brine is also used to anti-ice sidewalks on municipal properties and is used to pre-treat the Village's arterial streets prior to anticipated snow events.

Describe any other additional data or information used to evaluate the winter road management activities.
None.

• Leaf Management (Section 2.6.6 of General Permit)

Describe the management of leaves and grass clippings.
Vacuum bulk leaf collection is performed by Village crews beginning the third week in October and running through the first week of December. Bagged yard waste, including leaves and grass clippings, is collected weekly from April through November of each year.

• Municipal Pollution Prevention (Section 2.6.7 of General Permit)

Provide the location (street address) of each facility (municipal yards and/or maintenance facilities) and contact information (name, title, and phone number) for the individual(s) with overall responsibility for each facility.

Shorewood Public Works
3801 N. Morris Boulevard
Shorewood, WI
Leeann Butschlick, Director of Public Works, (414) 847-2650

Map(s) included? Yes No - Include a map of each facility, drawn to scale and include the following features:

- Location of major activities and storage areas
- Identification of drainage patterns, potential sources of storm contamination and discharge points.
- Identification of nearby receiving waters or wetlands
- Identification of connections to the permittees's MS4

Describe the housekeeping activities and best management practices installed at municipal yards and/or maintenance facilities to reduce or eliminate storm water contamination.

Street sweeping, proper materials storage, public education and use of biofiltration devices.

Discuss recommendations for improvements to current storm water management practices at the facility(s) and provide a timeline for installation and/or implementation of these recommendations.

None.

Part V. Evaluation of Permit Conditions (continued)

Provide information on facility inspections. Identify and address potential sources of storm water contamination.
As noted, facility inspections are performed quarterly.

Describe the municipal facility(s) employee training on storm water pollution prevention (frequency, duration, objectives, percentage of employees trained this year, etc.).
Review of existing SPCC Plan.

Describe the spill prevention and response procedures in place at the municipal facility(s).
The Village has a Spill Prevention, Control and Countermeasures (SPCC) Plan developed by SEH, Inc. adopted in November, 2013.

7. Storm Water Quality Management (Section 2.7 of General Permit)

Has the municipality completed a pollutant-loading analysis to assess compliance with the 20% TSS reduction developed urban area performance standard? Yes No

If yes, provide the following: Model used SLAMM Version 2006 Reduction (%) 11.5

If no, include a description of any actions the municipality has undertaken during 2016 to help achieve the 20% standard.

8. Storm Sewer System Map (Section 2.8 of General Permit)

Describe any changes or updates to the storm sewer system map made in the reporting year. Provide an updated map if any changes occurred during the reporting year.

None.

Part VI. Fiscal Analysis

a. Provide a fiscal analysis that includes the annual expenditures for 2016, and the budget for 2016 and 2017. A table to document fiscal information is provided on page 8.

b. What financing/fiscal strategy has the municipality implemented to finance the requirements of the general permit?

Storm water utility General fund Other Sewer Utility (combined sewer expenses)

c. Is adequate revenue generated to implement the storm water management program and meet permit requirements? Yes No

Please provide a brief summary of the municipality's financing/fiscal strategy and any additional information that will assist the Department in understanding how storm water management funds are being generated to implement and administer the storm water management program.

Necessary storm water operating expenditures are funded through the Department of Public Works operating budget and the Sewer Utility budget (combined sewer expenses).

Part VII. Inspections and Enforcement Actions

Note: If an ordinance listed below has been submitted to the Department previously and has not been amended since that time, a copy does not need to be submitted again. If the ordinance was previously submitted, indicate such in the space provided.

- a. Has the municipality amended its illicit discharge detection and elimination ordinance in accordance with subsection 2.3.1 of the general permit during the reporting year? Yes No
If yes, attach copy or provide web link to ordinance:

- b. Has the municipality amended its construction site pollutant control ordinance in accordance with subsection 2.4.1 of the general permit during the reporting year? Yes No
If yes, attach copy or provide web link to ordinance:

- c. Has the municipality amended its post-construction storm water management ordinance in accordance with subsection 2.5.1 of the general permit during the reporting year? Yes No
If yes, attach copy or provide web link to ordinance:

- d. Has the municipality adopted any other ordinances it has deemed necessary to implement a program under the general permit (e.g., pet waste ordinance, leaf management/yard waste ordinance, parking restrictions for street cleaning, etc.) during the reporting year? Yes No
If yes, attach copy or provide web link to ordinance:

- e. Provide a summary of available information on the number and nature of inspections and enforcement actions conducted during the reporting period to ensure compliance with the ordinances described in a. to d. above.
Two construction site erosion control permits were issued and inspected in 2016.

Part VIII. Water Quality Concerns

- a. Does any part of the MS4 discharge to an outstanding resource water (ORW) or exceptional resource water (ERW) listed under s. NR 102.10 or 102.11, Wis. Adm. Code? (A list of ORWs and ERWs may be found on the Department's Internet site at: <http://dnr.wi.gov/topic/surfacewater/orwerw.html>) Yes No
If yes, list:

- b. Does any part of the MS4 discharge to an impaired waterbody listed in accordance with section 303(d)(1) of the federal Clean Water Act, 33 USC § 1313(d)(1)(C)? (A list of the most current Wisconsin impaired waterbodies may be found on the Department's Internet site at: <http://dnr.wi.gov/water/impairedsearch.aspx?status=303d>) Yes No
If yes, complete the following:
 - Impaired waterbody to which the MS4 discharges:
Milwaukee River

 - Description of actions municipality has taken to comply with section 1.5.2 of the MS4 general permit for discharges of pollutant(s) of concern to an impaired waterbody:
Street sweeping, addition of BMP's (biofiltration devices) and public education.

- c. Identify any known water quality improvements in the receiving water to which the MS4 discharges during the reporting period.
None known.

- d. Identify any known water quality degradation in the receiving water to which the MS4 discharges during the reporting period and what actions are being taken to improve the water quality in the receiving water.
None known.

- e. Does any part of the MS4 discharge to an approved Total Maximum Daily Load (TMDL) area (Section 1.5.4 of the general permit)? Yes No
If yes, fill out below. If no, disregard.

Required reporting for TMDLs approved prior to the effective date of the permit for 2016:

Name of TMDL: _____ Date TMDL approved? _____

Map(s) included? Yes No - Submit a storm sewer system map (may be the same map submitted under section V.6. of this form), which includes the TMDL reachshed boundaries and associated acreage within the municipality, and the MS4 drainage boundaries and associated acreage within the municipality.

Part IX. Proposed Program Changes

Describe any proposed changes to the storm water management program being considered for 2017 and the schedule for implementing those changes. Proposed program changes must be consistent with the requirements of the general permit.

The Village intends to apply for a Runoff Management Grant in 2017 to update its Stormwater Management Plan and pollutant-loading analysis.

Part X. Other

Any other municipal storm water program information for inclusion in the Annual Report regarding their storm water program may be added here or attached.

Fiscal Analysis Table. Complete the fiscal analysis table provided below.

Program Element	Annual Expenditure 2016	Budget		Source of Funds
		2016	2017	
Public Education and Outreach	\$4,966	\$12,900	\$12,900	DPW operating; sewer utility.
Public Involvement and Participation				Included in public education.
Illicit Discharge Detection and Elimination				Inspection activities not specifically allocated or tracked within budget.
Construction Site Pollutant Control				Inspection activities not specifically allocated or tracked within budget.
Post-Construction Storm Water Management				Inspection activities not specifically allocated or tracked within budget.
Pollution Prevention	\$16,834	\$62,189	\$58,858	Includes catch basin maintenance.
Storm Water Quality Management (including pollutant-loading analysis)				
Storm Sewer System Map				
Other:				