

Due by March 31, 2016

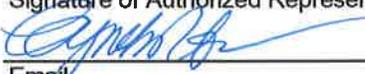
Notice: Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (DNR) by March 31 of each year to report on activities for the previous calendar year. This form is 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 2015.

Instructions: Complete each section of the form that follows. If additional space is needed to respond to a question, 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, 2016, to the appropriate address indicated on the last page of this form.

SECTION I. Municipal Information			
Name of Municipality Village of Nashotah		Facility ID No. (FIN)	
Mailing Address N44 W32950 Watertown Plank Road	City Nashotah	State WI	ZIP Code 53058-0123
County(s) in which Municipality is located Waukesha	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)		

SECTION II. Municipal Contact Information			
Name of Municipal Contact Person Cynthia M. Pfeifer		Title Village Clerk/Treasurer	
Mailing Address (if different from above) P.O. Box 123	City Nashotah	State WI	ZIP Code 53058-0123
Email nashotahv@sbcglobal.net	Phone Number (include area code) (262) 367-8440	Fax Number (include area code) (262) 367-6711	

SECTION 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 Cynthia M. Pfeifer	Authorized Representative Title Village Clerk/Treasurer	
Signature of Authorized Representative 	Date 3/2/2016	
Email nashotahv@sbcglobal.net	Phone Number (include area code) (262) 367-8440	Fax Number (include area code) (262) 367-6711

SECTION IV. General Information	
<p>a. Describe what efforts the municipality has undertaken to invite the municipal governing body, interest groups, and the general public to review and comment on the annual report. Copies of the annual report were distributed to the Village Board and Village Staff for review prior to submittal.</p>	
<p>b. Describe how elected and municipal officials and appropriate staff have been kept apprised of the municipal storm water discharge permit and its requirements. Brief updates regarding the status of the Village's WPDES permit requirements were presented at periodic staff</p>	
<p>c. Has the municipality prepared its own municipal-wide storm water management plan? <input type="radio"/> Yes <input checked="" type="radio"/> No If yes, title and date of storm water management plan:</p>	

SECTION IV. General Information (continued)

d. 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:

The Village is a member of the Waukesha County Information & Education Group, coordinated by Jayne Jenks of Waukesha County, to meet the Public Education and Outreach, and the Public Involvement and Participation Permit Conditions (2.1 and 2.2).

e. Does the municipality have an internet website? Yes No

If yes, provide web address:

<http://www.nashotah-wi.gov/>

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://www.nashotah-wi.gov/>

The Village website includes a Stormwater Management Section with links to the Waukesha County Stormwater Management site and UW extension publications on stormwater. A copy of the current permit as well as past annual reports are also posted on the website.

SECTION V. Permit Conditions

a. **Minimum Control Measures:** For each of the permit conditions listed below, provide a description of the implementation of each program element, the status of meeting measurable goals, and compliance with permit schedule in section 2.11 of the MS4 general permit. Provide an evaluation of program compliance with the general permit, the appropriateness of identified best management practices, and progress towards achieving identified measurable goals. Be specific in describing the actions that have been taken during the reporting year to implement each permit condition and whether measurable goals have been met, including any data collected to document a measurable goal. Also, explain the reasons for any variations from the compliance schedule in the MS4 general permit.

• Public Education and Outreach

The Village participates in the Waukesha County Public Information & Education Group Program to meet the requirements of Items 2.1 and 2.2 of the WPDES permit. The tasks and activities that were implemented for CY2015 have been summarized and are available on request.

• Public Involvement and Participation

The Village has been promoting any stormwater related activities and information documents coordinated by Waukesha County on its website and by making information available at the Village Hall.

• Illicit Discharge Detection and Elimination

The Village completed dry weather screening for the 1 major outfall within the Village on July 2, 2015. The inspection showed no discharge from the outfall. The field screening form and photos are provided in Exhibit 1.

• Construction Site Pollutant Control

A construction site pollutant control ordinance was adopted in 2008 and is enforced for all construction sites with land disturbance of 1 acre or more. Inspection of erosion control measures for all developments is completed by the Building Inspector on a site by site basis.

There were no construction sites larger than 1 acre in the Village requiring inspection in 2015.

In accordance with the current WPDES permit requirements Section 2.4.1.3 (effective May 1, 2014), the Village has updated the current ordinance to conform to standards in Chapter NR 151, Wis. Adm. Code, which were amended January 1, 2011. The Village board will set that public hearing agenda on April 6, 2016. It is anticipated the the ordinance will be adopted on April 6, 2016.

• Post-Construction Storm Water Management

A Post-Construction Storm Water Management Ordinance was adopted in 2008 to regulate the quantity and quality of discharges from areas of new development and redevelopment after construction as well as set long-term maintenance requirements.

SECTION V. Permit Conditions (continued)

There were no stormwater management and erosion control plans reviewed in 2015.

In accordance with the current WPDES permit requirements Sections 2.5.1.3 and 2.5.1.4 (effective May 1, 2014), the Village has been updated the current ordinance to conform to standards in Chapter NR 151, Wis. Adm. Code, which were amended January 1, 2011. The Village board will set that public hearing agenda on April 6, 2016. It is anticipated the the ordinance will be adopted on April 6, 2016.

- **Pollution Prevention**

The Pollution Prevention Program establishes goals for inspection and maintenance of Village-owned stormwater management facilities, street sweeping, road salt and deicing techniques, proper maintenance of leaves and grass clippings, fertilizer application, municipal yard inspection and personnel education.

The Village has few curbed streets. If the roads are bad, the Village will contract with Waukesha County to sweep. Otherwise, the DPW staff will hand sweep debris as needed and dispose of the material at the Waukesha County yard. In 2014, the DPW staff hand swept several small areas of debris on the road and disposed of the material at the Waukesha County yard.

Road salt is stored off-site at the Waukesha County DPW and picked up prior to spreading.

Curb side pick-up of leaf and yard waste is provided once per month from April through October and on two pick-up dates in November. Residents are also encouraged to mulch their yard waste on their property.

Fertilizer is applied for weed control twice per year at municipal buildings and parks (all less than 5-acre sites) by trained specialists from Green Appeal, LLC.

The Department of Public Works yard is located behind the Village Hall. The site was inspected on December 8th, 2015 and no problems were detected. The inspection form is provided in Exhibit 2.

b. Winter Road Management Activities:

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

Tom Lamacher
Director of Public Works
262-370-7566

Describe the types of products used for winter road management (e.g., deicing, pre-wetting, salting, etc.).

Standard Road Salt.

Describe the type of equipment used to apply the products.

Rear rotational salt spreader.

Report the amount of product used per month.

Winter 2015-2016
November ~4 ton
December ~5 ton
January ~10 ton
February ~5 ton

Report the snow disposal locations, if snow is hauled away.

All snow stays within the Village limits. Snow rarely needs to be hauled but when it does it is disposed at Dickten Park.

Describe any anti-icing, equipment calibration, and salt reduction strategies considered.

The salt spreader is calibrated to 125 pounds of salt per lane mile at 20 mph.

SECTION V. Permit Conditions (continued)

Describe any other additional measurable data or information that the permittee used to evaluate its winter road management activities.

None

c. **Municipal facility(s):**

Provide an inventory of municipally owned or operated structural storm water management facility(s), include: Location of each facility and contact information for the individual(s) with overall responsibility for each facility.

The Village owns four storm water management facilities - the Edgewater Stormceptor and the 3 Village rain gardens.

The Edgewood Stormceptor is located at approximately N38W32650 Edgewood Court.

One Rain Garden is located at Village Hall N44W32950 WATERTOWN PLANK RD

The other 2 Rain Gardens are located at Dickten Park N43W32785 RASMUS RD

The contact for all 4 of these facilities is: Tom Lamacher - Director of Public Works, 262-370-7566

Describe the housekeeping activities and best management practices installed to reduce or eliminate storm water contamination.

The Stormceptor is inspected biannually in the fall and spring to clear leaves and debris. When the depth of sediment in the the sump exceeds one foot, the Village hires The Expediters, Inc. to clean out the stormceptor. 2013 was the last year the Stormceptor was emptied.

The rain gardens maintained by the Village DPW staff. The rain gardens are assessed to determine the need for additional plants, and weeds and invasives are eliminated. A Village resident, who is a Master Gardener, helped with the initial instillation and continues to provide her assistance with maintenance and plant reccomentation.

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

Currently the Stormceptor and Rain Gardens are not part of the Village's Pollution Prevention Plan. The Village will update the Pollution Prevention Plan to document these facilities and housekeeping/maintenance activities that are already being preformed.

Describe the municipal facility(s) employee training on storm water pollution prevention provided.

Village public works staff has attended winter road maintenance training and erosion control training seminars in the past. There were no new training events in calendar year 2015. Once the Pollution Prevention Plan is updated, it will be presented to the Village public works staff.

Describe the spill prevention and response procedures in place at the municipal facility(s).

There is a spill kit located in the public works garage. Lake Country Fire Station No.2 is called and is the first responder for major spills.

d. **Storm Water Quality Management:** 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 WinSlamm Version 9.4.0 Reduction (%) 32.4

If no, include a description of any actions the municipality has undertaken during 2015 to help achieve the 20% standard.

Has the municipality completed an evaluation of all municipal owned or operated structural flood control facilities to determine the feasibility of retrofitting to increase TSS removal? Yes No

If yes, describe:

The only devices owned by the Village are the Edgewood Stormceptor and the 3 rain gardens. The devices are all sized for their locations and can not be retrofitted.

SECTION V. Permit Conditions (continued)

- e. **Best Management Practices Maintenance:** Does the municipality have a maintenance program for installed storm water best management practices? Yes No
- If yes, describe the maintenance program and any maintenance activities that have occurred for best management practices in 2015. If available, attach any additional information on the maintenance program.
A Village resident and DPW staff maintain the Village-owned rain gardens. The inspection of the Village-owned Stormceptor is completed by the Village Engineer and maintenance, if required, is contracted out.
- f. **Storm Sewer System Map:** 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.
The Storm Sewer System Map has been updated in accordance with the current WPDES permit requirements Sections 1.5.4.3 to include the Rock River TMDL watershed boundaries, waste load allocations, and excluded areas for water quality modeling. The updated map has been submitted with this report. The GIS data used to generate the map will be made available to the DNR upon request.

SECTION VI. Fiscal Analysis

- a. Provide a fiscal analysis that includes the annual expenditures for 2015, and the budget for 2015 and 2016. A table to document fiscal information is provided on page 7.
- b. What financing/fiscal strategy has the municipality implemented to finance the requirements of the general permit?
 Storm water utility General fund Other _____
- c. Are adequate revenues being generated to implement your storm water management program to meet the permit requirements? Yes No

Please provide a brief summary of your 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 your storm water management program.

The Village of Nashotah does not currently have a storm water utility and has been able to cover costs of the storm water management program through the general fund.

SECTION VII. Inspections and Enforcement Actions

Note: If an ordinance listed below has previously been submitted 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. As of the date of this annual report, has the municipality updated or revised its construction site pollutant control ordinance in accordance with subsection 2.4.1 of the general permit? Yes No
If yes, attach copy or provide web link to ordinance:
The ordinance has been updated and is in the process of being adopted.
- b. As of the date of this annual report, has the municipality updated or revised its post-construction storm water management ordinance in accordance with subsection 2.5.1 of the general permit? Yes No
If yes, attach copy or provide web link to ordinance: The ordinance has been updated and is in the process of being adopted.
- c. As of the date of this annual report, has the municipality updated or revised its illicit discharge detection and elimination ordinance in accordance with subsection 2.3.1 of the general permit? Yes No
If yes, attach copy or provide web link to ordinance:
- d. As of the date of this annual report, 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.)? 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.
There was no construction in the Village of Nashotah in 2015 and therefore, no inspections.

SECTION 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:

- 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:

c. Identify any known water quality improvements in the receiving water to which the MS4 discharges during the reporting period.
Unknown

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.
Unknown

SECTION IX. Proposed Program Changes

Describe any proposed changes to the storm water management program being contemplated by the municipality for 2016 and the schedule for implementing those changes. Proposed program changes must be consistent with the requirements of the general permit.

The Village is anticipated to adopt the updated Construction Site Pollutant Control and Post-Construction Storm Water Management ordinances at their April 6th, 2016 Board Meeting.

The Village will update their WinSLAMM water quality modeling in 2016. If the tabular summary shows that the Village is not compliant with the Rock River TMDL requirements, the Village will begin process of putting a plan together outlining how compliance will be achieved.

SECTION X. Other

Any other additional information the permittee would like to provide in the Annual Report regarding their storm water program?

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

Program Element	Annual Expenditure 2015	Budget		Source of Funds
		2015	2016	
Public Education and Outreach	1,301	1,900	2,000	General Fund
Public Involvement and Participation				
Illicit Discharge Detection and Elimination	255	500	500	General Fund
Construction Site Pollutant Control				
Post-Construction Storm Water Management				
Pollution Prevention	85	1,000	1,000	General Fund
Storm Water Quality Management (including pollutant-loading analysis)	1,211.25		3,000	General Fund
Storm Sewer System Map				
Other:	1,169.75	1,500	2,100	General Fund

NORTHERN REGION COUNTIES			WEST CENTRAL REGION COUNTIES		
Ashland	Langlade	DNR Service Center	Adams	Marathon	DNR Service Center
Barron	Lincoln	Attn: Storm Water Program	Buffalo	Monroe	Attn: Storm Water Program
Bayfield	Oneida	5301 Rib Mountain Rd.	Chippewa	Pepin	5301 Rib Mountain Rd.
Burnett	Polk	Wausau, WI 54401	Clark	Pierce	Wausau, WI 54401
Douglas	Price	Phone: (715) 359-4522	Crawford	Portage	Phone: (715) 359-4522
Florence	Rusk		Dunn	St. Croix	
Forest	Sawyer		Eau Claire	Trempealeau	
Iron	Taylor		Jackson	Vernon	
	Vilas		Juneau	Wood	
	Washburn		La Crosse		

NORTHEAST REGION COUNTIES			SOUTH CENTRAL REGION COUNTIES		
Brown	Marquette	DNR Northeast Region	Columbia	Jefferson	DNR South Central Region
Calumet	Menominee	Attn: Storm Water Program	Dane	LaFayette	Attn: Storm Water Program
Door	Oconto	2984 Shawano Ave.	Dodge	Richland	3911 Fish Hatchery Rd.
Fond du Lac	Outagamie	Green Bay, WI 54313	Grant	Rock	Fitchburg, WI 53711
Green Lake	Shawano	Phone: (920) 662-5100	Green	Sauk	Phone: (608) 275-3266
Kewaunee	Waupaca		Iowa		
Manitowoc	Waushara				
Marinette	Winnebago				

SOUTHEAST REGION COUNTIES		
Kenosha	Sheboygan	DNR Service Center
Milwaukee	Walworth	Attn: Storm Water Program
Ozaukee	Washington	141 NW Barstow Street,
Racine	Waukesha	Room 180
		Waukesha, WI 53188
		(262) 574-2100



**Visual Inspection Form
For Illegal Connection/Illicit Discharge
WPDES Permit No. WI-S050075-1**

Outfall ID	#1				
Date of Last Rainfall	JUNE 27 th - .08"				
Date Inspection Performed	7/2/15				
Name of Inspector	BGT				
Receiving Water	NAGAWISKA LAKE				
M.H. or Outfall (Circle One)	M.H. <u>Outfall</u>				
Pipe Size	2 - 20" X 20" ELASTIC PIPE				
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 ₂	
	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

PHOTO INSET
<p>2 - PHOTOS TAKEN ON WEST SIDE</p> <p>1 - PHOTOS TAKEN ON EAST SIDE</p>



OUTFALL #1 - WEST (North Pipe)



OUTFALL #1 - WEST (South Pipe)



OUTFALL #1 - EAST

ROUTINE INSPECTION FORM
VILLAGE OF NASHOTAH PUBLIC WORKS FACILITY

Inspector: *Jon McNally*

Date: *12/8/15*

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.	<i>X</i>			
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.	<i>NA</i>			
C. Containers and above ground storage tanks are in sound condition (check for corroded or damaged containers, supports, and valves).	<i>NA</i>			
D. Fueling area and underground storage tanks in good condition.	<i>NA</i>			
E. Road salt is stored properly.	<i>x</i>		<i>Offsite at County Facility</i>	
F. Vehicle and equipment maintenance areas in sound condition.	<i>X</i>			
G. Grounds do not show signs of erosion.	<i>X</i>			
H. Washwater tanks in good working order.	<i>X</i>			