

March 25, 2011

Ms. Maureen McBroom
Water Regulation and Zoning Specialist
Waukesha Service Center Southeast Region
Wisconsin Department of Natural Resources
141 NW Barstow Street, Room 180
Waukesha, WI 53188

Re: Village of North Prairie
WPDES Storm Water Permit – Annual Report

Dear Maureen:

Enclosed, please find a completed copy of the 2010 Annual Report, as required under the Village's WPDES Storm Water Permit.

Please contact me if you have any questions or comments.

Very truly yours,

RUEKERT/MIELKE



Steven C. Wurster, P.E.
Principal/Civil/Municipal Supervisor

SCW:crp
Enclosure

cc: Joe Hoelkinger, Village of North Prairie
Rhoda Bagley, Village of North Prairie (w/ enc.)
Dave Molitor, Village of North Prairie
Gerald E. Powell, P.E., Ruekert/Mielke
File

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Due by March 31, 2011

This form is for the purpose of annual reporting on activities undertaken pursuant to the Municipal Separate Storm Sewer System (MS4) General Permit No. WI-S050075-1. An owner or operator of a municipal separate storm sewer system covered by the general permit under Chapter NR 216, Wis. Adm. Code, is required to submit an annual report to the Department of Natural Resources by March 31 of each year to report on activities for the previous calendar year. This form is for reporting on activities undertaken in calendar year 2010.

Use of this specific form is optional. The Department of Natural Resources has created this form for the user's convenience and believes that the information requested on this form meets the reporting requirements for an owner or operator of a municipal separate storm sewer system covered by the general permit. 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.].

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-date to comply with the general permit. Complete and submit the annual report by March 31, 2011, to the appropriate address indicated on the last page of this form.

SECTION I. Municipal Information

Name of Municipality Village of North Prairie		Facility ID No. (FIN) 31283	
Mailing Address 130 N. Harrison Street	City North Prairie	State WI	Postal Code 53153
County(s) in which Municipality is located Waukesha	Type of Municipality: (check one) <input type="checkbox"/> County <input type="checkbox"/> City <input checked="" type="checkbox"/> Village <input type="checkbox"/> Town <input type="checkbox"/> Other (specify)		

SECTION II. Municipal Contact Information

Name of Municipal Contact Person Rhoda Bagley		Title Clerk/Treasurer	
Mailing Address 130 N. Harrison Street	City North Prairie	State WI	Postal Code 53153
E-mail Address rbagley@northprairie.net	Telephone No. (including area code) 262-392-2271	Fax No. (including area code) 262-392-2936	

SECTION III. Certification

I hereby certify that I am an authorized representative of the municipality covered under MS4 General Permit No. WI-S050075-1 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.

Authorized Representative Printed Name Rhoda Bagley		Authorized Representative Title Clerk/Treasurer	
Authorized Representative Signature 		Date Signed March 15, 2011	
E-mail Address rbagley@northprairie.net	Telephone No. (including area code) 262-392-2271	Fax No. (including area code) 262-392-2936	

SECTION IV. General Information

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.

The 2010 annual report and Village WPDES permit were discussed among staff and at Village Staff meetings throughout 2010 to ensure that Village staff were fulfilling the necessary activities and permit responsibilities. As needed, the item has also been discussed at Village Board meetings.

The general public, governing body and interested groups have been encouraged to stay informed and involved with the Village's storm water quality initiatives. The 2009 annual report has been placed on the Village's website and the 2010 report will be uploaded upon completion.

b. Describe how elected and municipal officials and appropriate staff have been kept apprised of the municipal storm water discharge permit and its requirements.

See above.

c. Has the municipality prepared its own municipal-wide storm water management plan? Yes No

If yes, title and date of storm water management plan:

The Village completed a Village-wide storm water quality analysis as part of their "Storm Water Permit Compliance Summary", dated July 2009 with subsequent clarifications. This document was previously transmitted to the Department.

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 of the general permit as provided under Section 2.10 of the general permit? Yes No

If yes, describe these cooperative efforts:

The Village has joined Waukesha County's Public Information and Education Program in January of 2009. As part of that agreement, the County will also administer and enforce the erosion control and storm water management provisions of the ordinance within the Village. It is the Village's intent that this agreement will cover the public education and outreach (Section 2.1), public involvement and participation (Section 2.2), construction site pollutant control (Section 2.4) and post-construction storm water management (Section 2.5) sections of the Village's WPDES permit. A copy of this agreement was submitted with the 2008 Annual Report and is available upon request.

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

If yes, provide web address:

<http://www.northprairie.net/>

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.northprairie.net/>

SECTION V. Permit Conditions

a. Minimum Control Measures: For each of the permit conditions listed below, provide a description of the status of implementation of program elements, the status of meeting measurable goals, and compliance with permit schedule in section 3 of the MS4 general permit. 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 has joined the Waukesha County Public Information and Education Program as outlined in the agreement dated January 16, 2009 and also helped shape the 2010 plan by attending work plan meetings. The Village also maintains a dedicated section on storm water management to their website with specific topics including general storm water issues, storm drain stenciling, newsletters, pet waste removal, household hazardous waste recycling, yard waste, the WPDES Permit, and the Village's 2009 Annual Report. The pet waste brochure is also currently handed out with all new dog license applications. The Village has also made the monthly news letters available to visitors at Village Hall. A detailed list of activities completed as part of the Waukesha County program is available upon request.

- Public Involvement and Participation

The Village has joined the Waukesha County Information and Education program as outlined in the previously mentioned agreement. A detailed list of activities completed as part of the Waukesha County program is available upon request. In addition to the work with the County, the Village independently promotes catch basin stenciling. Although no stenciling was completed in the Village in 2010, the stenciling handouts are available at Village Hall to interested persons. Additionally, the current Village president stays in communication with both the Friends of Jericho Creek and the Friends of the Mukwonago River.

- Illicit Discharge Detection and Elimination

The Village of North Prairie adopted Waukesha County's Illicit Discharge ordinance by reference at their April 9, 2009 meeting. A copy of the minutes from this board meeting were included in the July, 2009 report and are available upon request. In addition, the Village also has started implementing the illicit discharge and spill response procedure that was included with the July, 2009 report. Village staff members completed the second year of illicit discharge field screenings of all 7 major outfalls, with inspections at each outfall in both July and October of 2010. The results of this inspection are included with this report. The Village intends to inspect all major outfalls annually.

- Construction Site Pollutant Control

The Village has adopted Waukesha County's construction site erosion control ordinance by reference at their April 9, 2009 meeting. Additionally, in accordance with the agreement entered between the Village and the County (January 2009), Waukesha County is completing all plan reviews, permit issuance, site inspections and enforcement actions to enforce the County's ordinance within the Village of North Prairie. The County has indicated they will inspect active construction sites at least two times per month to verify compliance. The Village will continue to have jurisdiction over those projects started prior to signing of the agreement. The construction site inspection summary is enclosed with this report.

- Post-Construction Storm Water Management

The Village has adopted Waukesha County's post-construction storm water management ordinance by reference at their April 9, 2009 meeting. This program provides a storm water facility maintenance procedure that aims to ensure proper long-term maintenance of storm water management facilities within the Village. The County will conduct periodic on-site inspections of storm water management facilities in the Village and produce a written report concerning the condition of each facility inspected. During the inspection, the County may perform simple maintenance measures such as clearing debris from outlets or removal of trash or woody vegetation. If the County recommends additional inspection or maintenance, these needs will be discussed with the Village Engineer and final recommendations will be included in a written report. If inspection or maintenance is needed prior to the County's availability, the Village of North Prairie will perform the inspection and maintenance in accordance with the Village of North Prairie Storm Water Best Management Practice Inspection Form. Storm water best management practices will also be tracked on the County's GIS Website as County Staff time allows. No post-construction inspections were conducted in 2010.

- Pollution Prevention

The existing water quality and pollution control management practices, as well as improvements to the existing BMP system are described in the previously-submitted Village of North Prairie Pollution Prevention Program and Public Works Garage SWPPP. Also included are the Village's deicing log sheets from March of 2010 through February 28, 2011.

In January and February of 2010, 105 tons of salt and no sand was used. In November and December of 2010, 82 tons of salt and 3.5 tons of sand were used. In January and February of 2011, 213 tons of salt and 23 tons of sand were used. The Village has not implemented any alternative deicing methods or materials, although they continue to monitor the results of alternative techniques in neighboring municipalities.

Village staff also attended several training sessions in 2010 as summarized below:

- Annual Waukesha County Storm Water Seminar (March 9, 2010 - Public Works Supervisor and Village Engineer)
- Waterstar Implementation Meeting in Madison (March 24, 2010 - Village Engineer)
- FEMA Floodplain Webinar hosted by MMSD (April 12, 2010 - Village Engineer)
- Illicit Discharge Detection and Elimination @ Havenswood Forest (May 26, 2010 - Public Works Supervisor and Engineer)
- UWM Great Lakes Phosphorus Seminar (May 27, 2010 - Village Engineer)
- Permeable Pavement Webinar by Center for Watershed Protection (September 1, 2010 - Village Engineer)
- NASECA BMP Maintenance Seminar in Madison (October 11, 2010 - Village Engineer)
- WAFSCM Annual Conference in Wisconsin Dells (November 4, 2010 - Village Engineer)

b. 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 SLAMM Version 9.3 Reduction (%) 46.8%

Has the municipality completed a pollutant-loading analysis to assess compliance with the 40% TSS reduction developed urban area performance standard? Yes No

If yes, provide the following: Model used SLAMM Version 9.3 Reduction (%) 46.8%

If no, include a description of any actions the municipality has undertaken during 2010 to help achieve the 40% standard by March 10, 2013.

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:

As part of the July 2009 analysis, retrofitting of municipally controlled facilities was examined. The Village owns and maintains wet ponds in Village Park (Pond 6) and Prairie Village Subdivision (Pond 8). The Village and Waukesha County also maintain the downtown infiltration facilities. Since the wet ponds and infiltration basins were performing well and the Village was above the 40% sediment reduction goal, no retrofitting was recommended.

c. Storm Sewer System Map: Describe any changes or updates to the storm sewer system map made in the reporting year. Provide an updated map.

There have been no changes to the Village's storm water system since the prior annual report. A copy of the system map is included with this report.

SECTION VI. Fiscal Analysis

a. Provide a fiscal analysis that includes the annual expenditures for 2010, and the budget for 2010 and 2011. A table to document fiscal information is provided on page 6.

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.

Given the potential municipal budget shortages, the Village has significant concerns about maintaining adequate funding.

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 adopted a 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:

Waukesha County ordinance adopted by reference on April 9, 2009.

b. As of the date of this annual report, has the municipality adopted a 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:

Waukesha County ordinance adopted by reference on April 9, 2009.

c. As of the date of this annual report, has the municipality adopted an 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:

Waukesha County ordinance adopted by reference on April 9, 2009.

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:

<http://www.northprairie.net/Municipal%20Codes,%20Ordinances%20and%20Policies.html>

-- Chapter 26-6 (Litter, mud, dirt, stone and debris control)

-- Chapter 42-42 (waste oil and yard waste)

<http://www.northprairie.net/PDF%20Folders/VNP%20Snow%20Removal%20Policy.pdf>

-- Snow Removal Policy

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.

See attached report from Waukesha County.

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/org/water/wm/wqs/orwerw/>) 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/org/water/wm/wqs/303d/303d.html>) 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.

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.

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

Program Element	Annual Expenditure		Budget		Source of Funds
	2010	2010	2011	2011	
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 (including pollutant-loading analysis)					
Storm Sewer System Map					
Other	\$1,605.50	\$10,000	\$10,000		The general fund is the source of funds for the Village's storm water compliance activities. The exact breakdown of costs has not been determined.

NORTHERN REGION COUNTIES			WEST CENTRAL REGION COUNTIES		
Ashland	Langlade	DNR Service Center	Adams	Marathon	DNR Service Center
Barron	Lincoln	1701 N. 4th Street	Buffalo	Monroe	5301 Rib Mountain Rd.
Bayfield	Oneida	Superior, WI 54880	Clark	Portage	Wausau, WI 54401
Burnett	Polk	Phone: (715) 392-7988	Crawford	Trempealeau	Phone: (715) 359-4522
Douglas	Price		Jackson	Vernon	
Florence	Rusk		Juneau	Wood	
Forest	Sawyer		La Crosse		
Iron	Taylor				
	Vilas				
	Washburn				
			Chippewa	Pepin	DNR Service Center
			Dunn	Pierce	890 Spruce St.
			Eau Claire	St. Croix	Baldwin, WI 54002
					Phone: (715) 684-2914

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

SOUTHEAST REGION COUNTIES		
Kenosha	Sheboygan	DNR Service Center
Milwaukee	Walworth	141 NW Barstow Street,
Ozaukee	Washington	Room 180
Racine	Waukesha	Waukesha, WI 53188
		Phone: (262) 884-2300