

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

Due by March 31, 2009

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. A municipality that received its initial permit coverage in 2006 needs only to report on activities undertaken in calendar year 2008. A municipality that received its initial permit coverage in 2007 needs to report on activities undertaken in both calendar years 2007 and 2008.

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.

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, 2009, to the appropriate address indicated on the last page of this form.

SECTION I. Municipal Information

Name of Municipality City of Wausau		Facility ID No. (FIN) 31058	
Mailing Address 407 Grant Street	City Wausau	State WI	Postal Code 54403
County(s) in which Municipality is located Marathon	Type of Municipality: (check one) <input type="checkbox"/> County <input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town <input type="checkbox"/> Other (specify)		

SECTION II. Municipal Contact Information

Name of Municipal Contact Person Allen M. Wesolowski		Title Project Engineer	
Mailing Address 407 Grant Street	City Wausau	State WI	Postal Code 54403
E-mail Address Allen.Wesolowski@ci.wausau.wi.us	Telephone No. (including area code) (715) 261-6762	Fax No. (including area code) (715) 261-6759	

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 Joseph Gehin	Authorized Representative Title Director of Public Works		
Authorized Representative Signature	Date Signed		
E-mail Address Joe.Gehin@ci.wausau.wi.us	Telephone No. (including area code) (715) 261-6740	Fax No. (including area code) (715) 261-6759	

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 entire document can be viewed on the City of Wausau website or request a copy at City Hall, 407 Grant Street.

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

Staff members from the Department of Public Works have been kept apprised of the requirements during bi-weekly staff meetings.

The City Council has become increasingly aware of the requirements this year. This year Council passed Chapter 15.56 and Chapter 15.60 of the Wausau Municipal Code, storm water management and Illicit discharge detection and elimination. Both ordinances were requirements of the MS4 permit. Also, suspended solids removal requirements and SLAMM modeling has been discussed at Capital Improvements and Street Maintenance Committee meetings.

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:

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 Cities of Wausau, Marshfield, Merrill, Mosinee, Schofield, Stevens Point, and Wisconsin Rapids; the Villages of Kronenwetter, Rothschild and Weston; the Town of Rib Mountain; and Marathon County have joined together to form the North Central Wisconsin Stormwater Coalition.

The group's goal is to reduce stormwater pollution in North Central Wisconsin through an education and outreach program. This program includes the use of advertisements, public service announcements, seminars and websites to achieve the educational goals. The cooperative work will save taxpayer money and provide a unified message to the public.

Marathon County organized the group and heads the monthly meetings. In return for organizing the communities in the public outreach and education process, the City has agreed to sample the Marathon County MS4 discharges within the City of Wausau under our illicit discharge and detection program.

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

If yes, provide web address:

www.ci.wausau.wi.us

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:

www.ci.wausau.wi.us/detailed_info.asp?dep=25

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

Public Outreach and Educational Outreach Summary Attached.

- Public Involvement and Participation

North Central Wisconsin Stormwater Coalition monthly meetings open to the public, posted on Marathon County on-line bulletin board and sent to Wausau Daily Herald, City Pages, Marshfield News, Midwest Radio Group. Meeting minutes are posted on the Marathon County website and sent to all NCWSC members.

- Illicit Discharge Detection and Elimination

In accordance with Section 2.3 of the General Permit the City has adopted Chapter 15.60 of the Wausau Municipal code, Illicit Discharge Detection and Elimination Requirements.

- Construction Site Pollutant Control

Chapter 15.56 of the Wausau Municipal Code has been adopted to meet the requirements for creating an ordinance to regulate erosion and sediment at construction sites. City of Wausau does have authority from the Department of Commerce to regulate erosion control at public buildings and places of employment. The City of Wausau has building inspectors, engineering technicians and engineers who monitor erosion control on sites. It is the intent of the city to formalize the inspection procedures and forms within the next reporting year.

- Post-Construction Storm Water Management

In accordance with Section 2.5 of the General Permit the City has adopted Chapter 15.56 of the Wausau Municipal code, Storm Water Management.

- Pollution Prevention

The City of Wausu has an aggressive street sweeping program and catch basin cleaning program. A formalized plan has not been submitted. It is anticipated this plan will be completed within this calendar year.

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 WinSLAMM Version 9.3.3 Reduction (%) 27

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 _____ Version _____ Reduction (%) _____

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 City is in the process of evaluating 5 existing dry detention ponds with the intent to turn them into wet ponds. The analysis and design of the ponds will occur within the next several months. Depending upon the outcome of these designs, several ponds may be constructed this summer.

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.

The City of Wausau submitted the storm sewer map in conformance with Section 2.8 of the General Permit on January 22, 2009. The maps were provided to Brad Johnson at the Wausau DNR office.

SECTION VI. Fiscal Analysis

a. Municipalities that received initial permit coverage in 2006: Provide a fiscal analysis that includes the annual expenditures for 2008, and the budget for 2008 and 2009. Municipalities that received initial permit coverage in 2007: Provide a fiscal analysis that includes the annual expenditures for 2007 and 2008; and the budget for 2007, 2008, and 2009. A table to document fiscal information is provided on page 6 (Municipalities that received initial permit coverage in 2006 do not need to complete expenditure and budget information for 2007.).

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.

We are still in the process of estimating the total cost to reach the 40% suspended solids removal goal. With the SLAMM modeling constantly changing and street sweeping efficiencies questioned this is an increasing challenging task. We anticipate our modeling to be completed within the next several months. From the finalized modeling, we will make estimates of the total cost to reach the 40% TSS.

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:

www.ci.wausau.wi.us/codebook/wau15tx.pdf

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:

www.ci.wausau.wi.us/codebook/wau15tx.pdf

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:

www.ci.wausau.wi.us/codebook/wau15tx.pdf

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.

The City of Wausau inspections department issued a total of 36 building permits for new residential homes, 8 new multi-family dwellings and 15 new commercial buildings in 2008. Each of these structures was inspected by building inspectors from the

Annual Report under MS4 General Permit No. WI-S050075-1

Form 3400-195 (R 01/09)

Page 6

inspections department. Erosion control measures are inspected and monitored on site. Builders are verbally given instructions when these erosion control measures do not meet the city's expectations. Additional inspections are done when complaints of erosion are reported by the public. Detailed records of these inspections not kept at this time, it is considered part of the general inspections. It is our intent to develop specific forms for these inspections in the coming year.

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:

Wisconsin 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:

Pollutants of concern for the Wisconsin River are listed as Mercury and PCB's in the sediment. The City of Wausau has an aggressive street sweeping program using both mechanical sweepers and regenerative air sweepers. Through street sweeping and catch basin cleaning the city collected 3,370 cubic yards of sediment off the streets. Collecting these larger particles keeps additional heavy metals such as mercury from entering the water way. See attached street sweeping summary for miles swept and cubic yards collected.

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

None.

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.

SECTION IX. Department of Commerce Authority

Does the municipality currently have authority from the Wisconsin Department of Commerce to regulate erosion control at public buildings and places of employment? Yes No

If no, has the municipality requested such authority from the Department of Commerce pursuant to s. 101.1205(4), Wis. Stats., within 18 months after the municipality's permit coverage start date? Yes No If no, explain:

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

Program Element	Annual Expenditure		Budget		Source of Funds
	2007*	2008	2008	2009	
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					
Other					

* Municipalities that received initial permit coverage in 2006 do not need to complete expenditure and budget columns for 2007

NORTHERN REGION COUNTIES			WEST CENTRAL REGION COUNTIES		
Ashland	Langlade	DNR Service Center	Adams	Marathon	DNR Service Center
Barron	Lincoln	1401 Tower Ave.	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			

**STORM WATER MANAGEMENT SUB-COMMITTEE
OUTREACH AND EDUCATION PLAN**

March 30, 2009

DATE	ACTIVITY	DESCRIPTION	EDUCATION & OUTREACH PLAN GOAL	AUDIENCE
05/21/08	Newspaper article	Dog poop isn't just a nuisance	2	Wausau Daily Herald
05/21/08	Wisconsin River Cleanup	Trash pick up and stormwater educational presentation.	2, 3, 4, 5	250 High School Students from 10 schools
05/24/08	Newspaper article	Cleanup nets 1.5 tons of trash	2	Wausau Daily Herald
05/23/08	Stormwater Survey	Survey of residents knowledge	1, 2, 3, 4, 5	1,270 households, 459 respondents
06/03/08	Newspaper article	It's a river, not a sewer, Wisconsin	2, 3, 4, 5	Wausau Daily Herald
06/05/08	Financial Contribution	Sponsorship of Wisconsin River Cleanup	2, 4	
06/13/08	Newspaper article	Regional stormwater group needs help	1, 2, 3, 4, 5	Wausau Daily Herald
06/16/08	Newspaper article	Regional stormwater group needs help	1, 2, 3, 4, 5	Stevens Point Journal
06/20/08	Newspaper article	Regional stormwater group needs help	1, 2, 3, 4, 5	Wisconsin Rapids Tribune
06/25/08	Newspaper article	Regional stormwater group needs help	1, 2, 3, 4, 5	DC Everest Herald
06/25/08	Storm drain stenciling	6th, 7th, 8th, & 9th streets, 59 drains; Wausau Daily Herald & Mosinee Times - press release	2	YMCA Camp Adventure, 25 children grades 2-8
06/25/08 - 06/27/08	Storm water education		2, 3, 4, 5	YMCA Camp Adventure 70 children grades K-8
07/01/08	Storm drain stenciling	4H group stenciling - Lincoln School, Wausau 6th Ave - 40 drains	2	4H Students
01/01/08 - 12/31/08	Shoreland Owners' Guide Community Connections Newsletter Article Volume 1 Issue 3	Protect Your investment and Your Waterway Legislative Spotlight - Administrative Rule 60.12 Clean Water Act	4	Water front property owners (2008: 106 packets, 26 reminders) Municipal planning commissions, boards, councils; interested parties, website
12/30/08	ExCal DVD	Training DVD	1	Municipal employees
Upcoming				
Spring	Wausau Newsletter Article	Introducing North Central Storm Water Coalition, Ad for fertilizing	1,2,3,4,5	Wausau Residents
03/28/09	Living Shorelines Workshop		4	workshop participants
04/16/09	Compost Classes		3	workshop participants
04/30/09	Compost Classes		3	workshop participants
05/06/09	Compost Classes		3	workshop participants
05/07/09	Compost Classes		3	workshop participants
05/01/09	Compost Pail & Bin Sales		3	workshop participants
TBA	Rail Barrel Workshops		5	workshop participants
TBA	Demonstration Rain Gardens		5	workshop participants
Earth Week	Sponsorship of Channel 7 Earth Week	Commercial; public service announcements, etc	2	Channel 7 viewers

2008 STORMWATER MANAGEMENT SUMMARY

SPRING SWEEPING

Miles swept = 1535 miles
 Cubic Yards picked up = 1856.5 yards
 Two complete times through the City.

SUMMER SWEEPING

MAP	MILES SWEPT	CU YD PICKED UP	TIMES COMPLETED
W-1	143	75	5
W-2	170	85	6
W-3	136	56	5
W-4	105	72	5
W-5	153	72	5
W-6	114	51	5
W-7	109	55	4
E-1	282	203	6
E-2	186	89	6
E-3	144	51	6
E-4	110	53	6
E-5	165	101	5
E-6	186	94	5

3RD SHIFT SWEEPING

1	502	164	25
2	458	186	24
3	510	126	24
4	526	181	27
5	529.4	142	24

3rd shift general sweep = 415.9 miles & 113.5 cu. yds.

FALL SWEEPING

Miles swept = 820 miles
 Two complete times through the City.

Additional Notes

1. Spring/Fall Sweeping done with 3 mech and 1 regen air, equal time to each
2. Summer sweeping done 90% regen air, 10% mechanical
3. Third shift sweeping (also done in summer just more regular routes) 100% regen

STORM SEWER CLEANING

611' of storm pipe cleaned.

62 catch basins and manholes cleaned.

74 yards recovered.