

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 Waukesha County		Facility ID No. (FIN) 33641	
Mailing Address 515 W. Moreland Blvd., Rm AC 260	City Waukesha	State WI	Postal Code 53188
County(s) in which Municipality is located Waukesha	Type of Municipality: (check one) <input checked="" type="checkbox"/> County <input 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 Perry Lindquist		Title Land Resources Manager	
Mailing Address 515 W. Moreland Blvd., Rm AC 260	City Waukesha	State WI	Postal Code 53188
E-mail Address plindquist@waukeshacounty.gov	Telephone No. (including area code) 262-548-7867	Fax No. (including area code) 262-896-8298	

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 Perry Lindquist	Authorized Representative Title Land Resources Manager		
Authorized Representative Signature	Date Signed 3/30/09		
E-mail Address plindquist@waukeshacounty.gov	Telephone No. (including area code) 262-548-7867	Fax No. (including area code) 262-896-8298	

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 results of the annual report have been discussed with the County Board committee with oversight on this issue. The annual report has been posted on the Land Resources Division (LRD) page of the county website with an invitation to interest groups and the general public to comment on the report.

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

LRD has made presentations to the County Board's Land Use Parks and Environment committee, the County Executive, other LRD staff, UW Waukesha staff, Public Works staff, and Parks and Land Use and Public Works department heads.

The county has established an MS4 / NR216 Work Group, with staff from all relevant County departments, to address permit issues involving County-owned properties.

The county has developed a storm water best management practice database, and has made it accessible to officials and staff of all the municipalities.

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:
Waukesha County Procedures for Post-Construction Storm Water Management, November 3, 2008

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:
Waukesha County has contracted with the following MS4 communities to implement the county's Storm Water Management and Erosion Control ordinance, provide public education and outreach services, and maintain an Internet BMP tracking system:

- Town of Lisbon
- Town of Oconomowoc
- Town of Merton
- Town of Delafield
- Town of Summit (ended January 2009 - now education only)
- Town of Waukesha
- Town of Genesee
- Town of Vernon
- Village of North Prairie
- Village of Merton

Waukesha County has contracted with the following MS4 communities to provide Public Education and Outreach services only:

- Village of Mukwonago
- City of Muskego
- Village of Hartland
- City of Delafield
- Village of Big Bend
- Village of Lannon
- Village of Wales

City of Oconomowoc
Village of Nashotah
Village of Dousman
City of Pewaukee
City of Waukesha
Town of Brookfield
Village of Pewaukee
Village of Sussex

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

If yes, provide web address:
www.waukeshacounty.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.waukeshacounty.gov/page.aspx?SetupMetalId=7888&id=7890>

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 county has executed intergovernmental agreements to provide education and outreach services with 25 towns, villages, and cities within the county.

The attached spreadsheet summarizes events and numbers of participants involved in the various programs. A total of 7,362 people were involved in the events, including 2 large storm water workshops held in the spring.

An environmental education web page has been included on the county's web site. This page received 1,286 views by 1,095 visitors in 2008. The Citizen-Water Quality Monitoring web page received 1,256 views by 969 visitors in 2008.

The county has developed a storm water best management practice database available for public access on the county's Internet GIS mapping system.

- **Public Involvement and Participation**

An MS4 web page has been created on the county's web site. The URL is given on the previous page of this report. The web page includes background information on the permit, a copy of the permit, a copy of the annual report, a link to the county storm water management and erosion control ordinance (including illicit discharge detection and elimination), the illicit discharge program, and the internal education program. There is also a link to the county environmental education web page. Public comment is invited on all aspects of the programs, and an email link is provided. The storm water web page received 2,263 views by 1,440 visitors in 2008.

- **Illicit Discharge Detection and Elimination**

The county adopted an ordinance including illicit discharge detection and elimination March 22, 2005. An Illicit Discharge Detection Program and Illicit Discharge Detection Procedures were submitted to the WDNR on November 3, 2008. The program will be implemented in 2009. The protocol is dependent on having a 72-hour dry weather period, when there should be no discharge from storm sewer outlets, to implement the field screening.

- **Construction Site Pollutant Control**

The county adopted an ordinance encompassing construction site erosion control on March 22, 2005, and implements it for the 11 communities listed above in IV.d. A summary of the number and type of implementation actions taken is included below in VII.e.

- **Post-Construction Storm Water Management**

The county adopted an ordinance encompassing post-construction storm water management on March 22, 2005. As part of the ordinance implementation efforts in 2008, 19 storm water management plans were reviewed and approved, and 46 storm water best management practices (BMPs) were constructed or worked on, 18 BMP as-built plans were reviewed and accepted, 18 BMP maintenance agreements were recorded, and 14 construction verification letters were accepted. A storm water BMP database that was initially developed in 2006 was significantly expanded during 2008.

- **Pollution Prevention**

The county has developed storm water pollution prevention plans (SWPPPs) for the 11 county-owned facilities where there are materials or activities that may generate storm water pollutants. These plans will be submitted to the WDNR by May 1, 2009.

The county has developed an internal education program aimed at teaching county staff good housekeeping practices to minimize storm water pollution. Implementation of the program began in February, 2009.

County staff conducted approximately 90 miles of street sweeping.

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The county Household Hazardous Waste program collected 73,163 pounds of hazardous material from 1936 households in the county that may otherwise have been discharged to storm water systems. More information is available on the county web page.

The County Yard Waste Composting operation site received and processed 6,026 tons of yard waste from MS4 communities that may otherwise have been discharged in local storm water systems. More information is available on the county web page.

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 9.3.0 Reduction (%) 50

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 WinSLAMM Version 9.3.0 Reduction (%) 50

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:

Waukesha County does not own or operate any structural flood control facilities.

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 map was initially submitted on November 17, 2008. The map was revised per DNR comments and re-submitted on January 30, 2009.

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 SW permit fees & municipal service fees

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.

Storm water permit fees and a DATCP conservation staffing grant (SWRM program) help support ordinance enforcement and storm water planning activities. Municipal service fees help support public education and outreach program. All other program costs are supported by county levy.

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:

The ordinance can be found at

<http://www.waukeshacounty.gov/WorkArea/showcontent.aspx?id=8888>

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:

The ordinance can be found at

<http://www.waukeshacounty.gov/WorkArea/showcontent.aspx?id=8888>

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:

The ordinance can be found at

<http://www.waukeshacounty.gov/WorkArea/showcontent.aspx?id=8888>

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.

During 2008, LRD staff completed the following as part of the ordinance implementation:

425 construction inspections conducted

55 permits issued

61 sites that passed final inspections

35 sites that failed final inspections

31 sites that received permit termination letters

20 enforcement action investigations were conducted

9 enforcement conferences were held

2 court appearances

9 citations were issued

1 stop work order was posted

16 notices of violation were sent

16 sites satisfied the enforcement action

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:

The road ditches of CTH I discharge to the Mukwonago River between Sections 27 and 28 of the Town of Mukwonago
The road ditches of CTH K discharge to the Oconomowoc River in Section 19 of the Town of Merton.

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:

The Upper Fox 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:

The county has adopted and implemented an ordinance that includes construction site pollutant control, post-construction storm water management, and illicit discharge elimination.

The county has implemented an outreach and education program, that includes such activities as storm drain stenciling within the watershed of the impaired waterbody.

The county uses a vacuum-assisted sweeper to clean the urban cross-section streets within the watershed twice annually.

The county has developed a storm water maintenance plan for the best management practices operated by the county within the watershed.

The county has not developed or implemented a municipal storm water management program because the county's assessment of compliance indicated that the NR 151.13(2) total suspended solids reduction goals were already being met county-wide, and the stated purpose of the program is to bring a non-complying municipality into compliance.

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

Volunteer monitoring data from sites across the county was reviewed, but it was not possible to draw any conclusions.

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.

Volunteer monitoring data from sites across the county was reviewed, but it was not possible to draw any conclusions. See section VIII.b. for a summary of measures taken.

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	2007*	2008	2009	
Public Education and Outreach						Cannot divide up county costs as requested. All program funds are combined and activities are currently performed in-house (no contracts). See totals below.
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	\$320,708	326,347	\$341,595	\$406,360	440,543	Levy, state grants, fees, private grants, and municipal contracts. (Fiscal numbers only reflect Land Resources Division at this time)

* 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