

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

**Due by March 31, 2010**

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 2009. In addition, this form serves as the owner or operator's reapplication for permit coverage as required under s. NR 216.09, Wis. Adm. Code.

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 and reapplication 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, 2010, to the appropriate address indicated on the last page of this form.

<b>SECTION I. Municipal Information</b>			
Name of Municipality City of Beloit		Facility ID No. (FIN) 31039	
Mailing Address 100 State Street	City Beloit	State WI	Postal Code 53511
County(s) in which Municipality is located Rock	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)		
<b>SECTION II. Municipal Contact Information</b>			
Name of Municipal Contact Person William A. Frisbee, P.E.		Title Storm Water Engineer	
Mailing Address 2400 Springbrook Ct.	City Beloit	State WI	Postal Code 53511
E-mail Address FrisbeeW@ci.beloit.wi.us	Telephone No. (including area code) (608) 364-6699	Fax No. (including area code) (608) 364-2879	
<b>SECTION III. Certification</b>			
<i>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.</i>			
Authorized Representative Printed Name David M. Botts, P.E.		Authorized Representative Title Public Works Director	
Authorized Representative Signature		Date Signed	
E-mail Address BottsD@ci.beloit.wi.us	Telephone No. (including area code) (608) 364-6693	Fax No. (including area code) (608) 364-2879	

**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 annual report is presented to City Council. A copy of the report is on the City's website and available at the library for citizen review.

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

Permit issues are discussed at staff meetings. Many storm water projects go to various committees and to City Council for approval.

This report will also be submitted to City Council.

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 City of Beloit has joined the Rock River Stormwater Group.

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

If yes, provide web address:

[www.ci.beloit.wi.us](http://www.ci.beloit.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:

[http://www.ci.beloit.wi.us/index.asp?Type=B\\_BASIC&SEC={2B72EEF5-EDC8-445F-9B59-2637BB7EF82F}](http://www.ci.beloit.wi.us/index.asp?Type=B_BASIC&SEC={2B72EEF5-EDC8-445F-9B59-2637BB7EF82F})

**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

Joined the Rock River Stormwater Group - See Attachment of activities

- Public Involvement and Participation

See attachment of activities for RRSB

- Illicit Discharge Detection and Elimination

The City of Beloit adopted an illicit discharge ordinance on May 18, 2009. (Attached)

Initial dry weather screening was completed for all major outfalls. The only flow detected was traced back to fire hydrant flushing in the basin. We checked back after flushing was complete and found no discharge.

The City of Beloit will continue to check each major outfall once per year during a dry weather period.

The City of Beloit has a spill emergency response plan for major illicit discharges as well as staff to respond to minor reports.

- Construction Site Pollutant Control

Once a week and within 24 hours of a rain event of at least .5 inches, the City will do an inspection of each construction site in the city. This includes public and private construction sites.

The city has a construction site erosion control ordinance as well as an erosion control permit.

- Post-Construction Storm Water Management

The City has a post-construction storm water management ordinance. We inspect all post-construction BMPs once per year.

- Pollution Prevention

The City is following the Pollution Prevention Plan that was submitted to the DNR in 2008.

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 9.2.4 Reduction (%) 31

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 9.2.4 Reduction (%) 31

If no, include a description of any actions the municipality has undertaken during 2009 to help achieve the 40% standard by March 10, 2013.

In 2009, the City of Beloit hired AECOM to perform infiltration testing on the City's swales. The results of the testing, increased TSS removal from 21% to 31%.

MSA was hired to design a series of storm water ponds to be built in the Municipal golf course. Construction of these ponds will begin in the fall of 2010.

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:

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.

**SECTION VI. Fiscal Analysis**

- a. Provide a fiscal analysis that includes the annual expenditures for 2009, and the budget for 2009 and 2010. 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.

**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:

Adopted November 3, 2008. Submitted last year.

- 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:

Adopted November 3, 2008. Submitted last year.

- 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:

Adopted May 18, 2009. See attached.

- 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:

See previous reports.

- 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.

281 erosion control inspections were done by City staff on street reconstruction and commercial developments. The City issued 1 stop work order to a contractor who was not compliant with installing erosion control measures.

**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:

Spring Brook and Turtle Creek

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:

Rock 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 City had storm water ponds designed to remove TSS from storm water runoff before it reaches the Rock River.

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

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.

**SECTION IX. Department of Commerce Authority**

Section 2.4.1.1.3 of the MS4 general permit requires a permittee that does not already have authority from the Wisconsin Department of Commerce (Commerce) to regulate erosion control at public buildings and places of employment to request such authority from Commerce within 18 months after the start date of permit coverage. However, as of January 1, 2010, responsibility for erosion control administration and enforcement for commercial building sites was transferred from Commerce to the Department of Natural Resources. This transfer took place due to 2009 Wisconsin Act 28, the 2009 state budget legislation, which moved s. 101.1205, Wis. Stats., commercial building construction site soil erosion and sediment control statutory language, to s. 281.33, Wis. Stats. As of January 1, 2010, the State's requirements for erosion control at commercial building construction sites will be administered by the Department of Natural Resources. Accordingly, a permitted municipality that was delegated to serve as an agent for Commerce will continue to serve as an agent for the Department of Natural Resources in accordance with the original agreement with Commerce unless this delegation is revoked by the Department of Natural Resources.

As of January 1, 2010, was the municipality granted authority from the Wisconsin Department of Commerce to regulate erosion control at public buildings and places of employment?  Yes  No

**SECTION X. Reapplication for Permit Coverage**

Provide a description of any proposed changes to the municipality's storm water management program and any other relevant change that the municipality plans or anticipates.

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

Program Element	Annual Expenditure		Budget		Source of Funds
	2009	2009	2010	2010	
Public Education and Outreach	\$3,700	\$2,500	\$3,700	\$3,700	Storm Water Utility
Public Involvement and Participation	\$3,700	\$2,500	\$3,700	\$3,700	Storm Water Utility
Illicit Discharge Detection and Elimination	\$14,420	\$14,420	\$14,420	\$14,420	Storm Water Utility
Construction Site Pollutant Control	\$16,609	\$16,609	\$16,609	\$16,609	Storm Water Utility and General Fund - Code Enforcement / Building Inspection
Post-Construction Storm Water Management	\$6,000	\$6,000	\$6,000	\$6,000	Storm Water Utility
Pollution Prevention	\$486,469	\$486,469	\$486,469	\$486,469	Storm Water Utility and General Fund - Operations Budget
Storm Water Quality Management (including pollutant-loading analysis)	\$17,500	\$35,000	\$10,000	\$10,000	Storm Water Utility and Engineering Stormwater CIP
Storm Sewer System Map	\$1,000	\$1,000	\$1,000	\$1,000	Storm Water Utility
Other					



<b>NORTHERN REGION COUNTIES</b>			<b>WEST CENTRAL REGION COUNTIES</b>		
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

<b>NORTHEAST REGION COUNTIES</b>			<b>SOUTH CENTRAL REGION COUNTIES</b>		
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				

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

Goal	RRSG Accomplished	Individual Members
<b>Goal 1:</b>	<b>Establish public participation activities in all MS4 communities</b>	
Activity 1	Storm drain stenciling or marking programs will be promoted in each municipality. Municipalities must promote the program via a media release and by having materials about the program available for interested publics.	10 complete kits created and stored in Janesville and Watertown with custom RRSG door hangers. Articles have been written in RRR newsletter and picked up in local newspaper for promotion.
Activity 2	Municipalities will maintain information on local volunteer monitoring efforts and promote them where appropriate. Monitoring fact sheets and brochures will be distributed to municipalities by the RRBE. Municipalities will also identify priority monitoring locations.	Monitoring information and links on the website.
Activity 3	Municipalities will provide assistance to local groups interested in stream/lake clean-ups. At least two municipalities will be lead sponsors of stream clean-ups. All municipalities will promote area clean-ups.	
<b>Goal 2</b>	<b>Provide information about stormwater issues and concerns to media outlets, in municipal newsletters, on portal website and in brochures or fact sheets.</b>	
Activity 1	Monthly, seasonal media releases will be developed by the RRSWEC and RRBE and provided in two formats, as a media release and in a ready to print 8.5 x 11 newsletter article with integrated graphics.	Monthly newsletters were distributed to members and articles for RR Reflections published.
Activity 2	The permittees will maintain existing UWEX/DNR stormwater materials in their municipal building or other public locations.	<ul style="list-style-type: none"> <li>- City of Fort Atkinson is maintaining stormwater publications at the Municipal Building.</li> <li>- Watertown distributed UWEX stormwater Materials in City Engineer Office, and Watertown Library</li> </ul>
Activity 3	Municipalities will place appropriate local stormwater information on their municipal website which will include a link to the basin portal website. The basin portal website will have information on lawn care practices, rain gardens, rain barrels, pet waste, etc.	Website has sections on all these topics. Linked to many municipal websites
Activity 4	The RRWSEC will, along with municipal help, provide local cable stations with quality storm water DVD's. The RRSWEC will send stations reminders about seasonally appropriate programs at least 3x per year.	Dane Waters DVD distributed to ten local cable stations

<b>Goal 3:</b>	<b>Provide workshops, presentations or other training opportunities to targeted groups and the general public</b>		
Activity 1	Each municipality will insure that at least 6 presentations/briefings are provided annually by themselves, the RRSWEC or other local/basin groups.	Two raingarden workshops in Horicon, Summer 09. Salt workshop in Madison promoted by group Oct 09. RR Basin e-mails sent monthly with workshops opportunities.	- Presentations made in Fort Atkinson concerning Stormwater Permit and Utility. Heart of the City (25 people), Industrial Development Corp. (20 people), General Public Hearing (35 people), Fort School District (4 people), Kiwanis Club (20 people)
Activity 2	A construction site erosion workshop will be developed and held by the RRSWEC, with at least 40 participants.	Completed in Spring 09	
Activity 3	The RRSWEC will sponsor at least 2 rain garden or sustainable backyard workshops with at least 30 participants.	Completed September 09 with 40+ attendees. Promoted through municipal flyers, basin monthly e-mail, website, and press releases.	
Activity 4	RRSWG members, the RRSWEC and RRBE will promote training opportunities, developed by others, for construction or stormwater professionals via email and by direct mail for those professionals without email.	RR Basin e-mails sent for applicable workshops and put on website. Collecting mailing addresses for professionals for direct mailings.	
Activity 5	RRSWG members, the RRSWEC and RRBE will promote facility management and snow removal workshops to staff and local businesses.	Nearby salt workshops in Madison and Milwaukee promoted by RRSWG.	
Activity 6	RRSWG members, the RRSWEC and RRBE will promote training opportunities, developed by others, to local groups and citizenry by mass media or email.	Basin e-mails sent monthly and press releases for RRSWG workshops.	
Activity 7	Each municipality will encourage their elected officials to participate, when appropriate, in events and workshops.		
<b>Goal 4</b>	<b>Outreach at events and in community locations will occur in each community</b>		
Activity 1	Each community will identify 1-3 events annually to display a stormwater poster or booth, they will notify the RRSWEC of their need and the requested display. Each municipality will also post a display with handouts at a community location at least once in 2009.	Municipalities will have posters to display with the accompanying brochure. Two displays are available for general stormwater and rain garden topics.	
Activity 2	The RRSWEC and RRBE working with the RRSWG members will develop a list of desired displays and existing displays. From the list of desired displays, at least one new display will be developed in 2009.	Decided that a developer-targeted poster would be better for this year.	
<b>Goal 5</b>	<b>Provide construction professionals with information on requirements and municipal expectations</b>		

Activity 1	Each municipality will inform local construction professionals on any changes to performance or technical standards.		We discuss erosion control and technical standards at preconstruction meetings.
Activity 2	The RRSWEC, working with the RRSR members will provide seasonal reminders of key practices in person, by letter or via email.	Database of all developer contacts being compiled for future use. Current announcements getting distributed by individual members.	
Activity 3	Each municipality will maintain a checklist, flow chart, and/or fact sheet for developers, contractors, landowners, and consultants on how the municipality handles permit review.		
<b>Goal 7</b>	<b>Develop and promote demonstration sites of key BMP's</b>		
Activity 1	At least 2 new BMP demonstration sites will be identified in 2009 and implemented in 2010. All existing demonstration sites will be cataloged, including rain gardens, shoreline restorations, rain barrel/rain harvesting, detention basins, porous pavement etc. Write-ups will be begun on existing sites for inclusion on the webpage; specifics on what will be included in the write-ups will be developed by June 2009.	Current BMP site identified by members. St Luke's is Watertown offered as new demonstration site.	
<b>Goal 8</b>	<b>Provide stormwater education opportunities to teachers and youth education</b>		
Activity 1	The RRSR portal page will maintain weblinks, documents or information on environmental action projects for youth, community groups or college students to implement. The municipalities will provide explanations about what the projects entail and basic information about the project. They will also provide local information about the actions being discussed.	New website created and will be updated with all new, relevant information for residents and professionals	- Information of events, information and news articles are posted on the Fort's Webpage, which also contains a link to the RRSR Webpage.
Activity 2	The RRBE will provide to interested schools copies of the Stormwater Curriculum and Rain Garden Sampler.	RRBE provided copies and was implemented at St. Luke's	
	<b>Additional Education and Outreach Activities completed in 2009</b>		
	Stormwater BMP field guides ordered by members to distribute to stormwater professionals		Beloit has the field guides available for distribution.
	Two technical factsheets will be developed by end of 09 for developers		

Will be completed by end of '09