

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 Universtiy of Wisconsin -- Superior		Facility ID No. (FIN) 37206	
Mailing Address Belknap & Catlin P.O. Box 2000	City Superior	State WI	Postal Code 54880
County(s) in which Municipality is located Douglas	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 Thomas Fennessey		Title Director of Facilities Management	
Mailing Address Belknap & Catlin P.O. Box 2000	City Superior	State WI	Postal Code 54880
E-mail Address tfennes@uwsuper.edu	Telephone No. (including area code) 715-394-8122	Fax No. (including area code) 715-394-8440	

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 Janet Hanson	Authorized Representative Title Vice Chancellor for Administration & Finance		
Authorized Representative Signature	Date Signed		
E-mail Address jhanson@uwsuper.edu	Telephone No. (including area code) 715-394-8014	Fax No. (including area code) 715-394-8107	

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 was reviewed by the Vice Chancellor for Administration and Finance along with the Director of Environmental Health & Safety. No formal review of this report has taken place by campus or community groups. However, numerous campus staff involved in various aspects of environmental issues was consulted on previous, current or future activities as related to storm water management.

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

Education of the general stormwater discharge permit requirements, proper management of materials that cause stormwater pollution, proper management and use of fertilizers, pesticides and ice melt and salt products was provided to the campus grounds crew. Facilities management department has worked very close with the environmental health and safety department in stormwater permit requirements, stormwater education and product control.

The campus community has been kept apprised on storm water activities via the inter-campus "Digest" which provides an electronic summary of activities. UW-Superior has worked very closely with the City of Superior on storm water activities along with discussions on the City's long-range plans to control city storm water run off, including future plans to assist in controlling the campus' storm water outflows.

The campus has also consulted with the campus biology staff and botanist for current and future storm water activities and education opportunities.

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:
Storm Water Management Plan, University of Wisconsin – Superior

State Project No. 04B2A

March 2005 (second draft)

http://www.uwsa.edu/capbud/documents/Swmp/UWSUP_SWMP_DRAFT.pdf

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:
UW-Superior has worked very close with the City of Superior regarding stormwater management. Currently, a general memorandum of understanding (MOU) between the City of Superior and UW-Superior is currently in place. This MOU is a

working agreement with the City of Superior to provide data as it relates to the SLAMM modeling for the campus in exchange for

use of campus facilities for the City of Superior to provide education opportunities related to stormwater management efforts.

This MOU is a no-cost agreement between the parties.

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

If yes, provide web address:
www.uwsuper.edu and www.uwsa.edu

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.uwsa.edu/capbud/stormwater.php>

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

Two basic stormwater web sites were made available to the campus community. These websites are located at:

www.uwsuper.edu/ehs/envmanag/Resources.cfm

www.uwsuper.edu/ehs/envmanag/StormWater.cfm

UW-Superior currently has several displays related to stormwater and the effects on aquatic and animal habitat. These displays are posted in the hallways of Barstow Hall and McCaskill Hall and provide educational information on characteristics of fish, rehabilitation of brook trout in Lake Superior, and information on the Kimmis – Tobin mitigation wetlands the university foundation owns outside the City of Superior.

The campus is also involved in the "Regional Storm Protection Team (RSPT) as part of the Lake Superior Duluth Stream organization. The link to this site is http://www.lakesuperiorstreams.org/stormwater/rspt_contact.html

In February, 2010, campus staff attended the "Building Green" conference held in Duluth, MN with educational seminars on stormwater prevention and green building aspects.

On June 3 & 5, 2010, UW-Superior, UW-Extension and the City of Superior partnered in a rain barrel project for residence of Superior. This project included education on stormwater runoff, displays and also allowed residence to purchase completed rain barrels for their home in an effort to reduce stormwater runoff.

UW-Superior staff met several times in 2010 with sustainability representatives from three (3) college campuses in Duluth, MN and one in Ashland, WI. The meeting agendas consist of best practices in storm water control, sustainability and other environmental issues.

The campus co-hosted with the City of Superior two workshops in 2010; one on Riparian landowner best practice for controlling water runoff to lakes and streams (September 2010) and the other was a WI-DNR wetlands seminar (November 2010).

The new student center (05L1D Yellowjacket Union) features a fully adhered natural green roof covering 18,000 square feet of roof. Average rain fall is held in the soil and slowly released to the atmosphere. Any rain water runoff from this roof expels into a rain garden and is slowly transferred to the city storm system. The campus biology department and earth science department are beginning plans to perform classroom experiments and monitoring the green roof as it relates to water retention and stormwater reduction. This has also been the site for various campus and community tours with education on the green roofs and

storm water run off controls.

The campus staff held a meeting the the Douglas County Energy & Sustainability committee to educate them on what UW-Superior is doing to control storm water run off and sustainabilty efforts on the campus.

Future campus plans/goals: Concentrated effort to promote public education and outreach on the campus with the implementation of an updated campus stormwater website, stormwater logo/marketing plan, continued and enhanced partnership with the City of Superior for stormwater education, and the addition of a full-time sustainability coordinator to the facilities management leadership team to assist with stormwater education. It is the campus' goal to have these future efforts in place in the fall of 2011.

Documentation is on file at UW-Superior, Faciltiy Management, 801 N. 28th Street, Supeiror, WI 54880

- Public Involvement and Participation

UW-Superior has had several student-group cleanup projects on campus. The summer of 2010 saw the campus residence hall association coordinate campus litter pick up efforts around the residence halls and the main campus. In addition, the student athletic teams provided a fall, 2010, campus cleanup project.

Two new campus grounds keeping staff attended the "Winter Parking Lot and Sidewalk maintenance Workshop" in February, 2010. This workshop provided education in "best practices for keeping parking lots and sidewalks safe and reducing environmental impact"; "responsible application techniques"; and "selecting and using materials." This work shop was hosted by the City of Superior, WI.

On June 3 & 5, 2009, UW-Superior, UW-Extension and the City of Superior partnered in a rain barrel project for residence of Superior. This project included education on storm water runoff, displays and also allowed residence to purchase completed rain barrels for their home in an effort to reduce storm water runoff.

The new student center (05L1D Yellowjacket Union) features a fully adhered natural green roof covering 18,000 square feet of roof. Average rain fall is held in the soil and slowly released to the atmosphere. Any rain water runoff from this roof expels into a rain garden and is slowly transferred to the city storm system. The campus biology department and earth science department are beginning plans to perform classroom experiments and monitoring the green roof as it relates to water retention and storm water reduction. This has also been the site for various campus and community tours with education on the green roofs and storm water runoff controls.

Future campus plans/goals: Establish a "public involvement & participation program, establish a storm drain stencil program on campus with campus students, staff and children from the local K-12 schools, work with the campus science department and faculty to integrate storm water management education and research projects into the class curriculum, and utilize the campus sustainability coordinator in these efforts. It is the campus' goal to have these future efforts fully in place during the 2011-12

academic year.

Documentation is on file at UW-Superior, Facilities Management, 801 N. 28th Street, Superior, WI 54880

- Illicit Discharge Detection and Elimination

UW-Superior has contracted for parking lot sweeping twice a year; spring after snow plowing season and in late fall before snow fall. The campus grounds crew provides labor to pick up trash in the parking lots, especially in the drain gutters, during the summer months. At the same time the crew will provide and document storm water parking lot inlet inspections.

The campus has been working with the City of Superior on storm water utility fee reductions and potential credits with future capital building projects: new student center and new parking lot, 05L1D; new academic building, 05I2Y; and the future demolition of three existing buildings- Rothwell Student Center (2010), McCaskill Hall and Sundquist Halls (2012).

The new student center (05L1D Yellowjacket Union) features a fully adhered natural green roof covering 18,000 square feet of roof. Average rain fall is held in the soil and slowly released to the atmosphere. Any rain water runoff from this roof expels into a rain garden and is slowly transferred to the city storm system. The campus biology department and earth science department are beginning plans to perform classroom experiments and monitoring the green roof as it relates to water retention and storm water reduction.

The campus grounds crew staff have and will continue to attend the "Winter Parking Lot and Sidewalk maintenance Workshops". These workshops provide education in "best practices for keeping parking lots and sidewalks safe and reducing environmental impact"; "responsible application techniques"; and "selecting and using materials."

The campus has utilized detailed training from the vendor that supplies the campus with fertilizer and seed products. This vendor meets with the ground keeping staff and instructs on proper use and application rates.

The campus has two (2) grounds staff certified as herbicide/pesticide applicators.

The campus has held several campus beautification/trash pick up events as noted above in the "public involvement and participation."

The campus repaired three (3) eroded and non-functioning parking lot catch basins to proper working condition- September/October 2010.

A final draft of the City of Superior and UW-Superior Multi-Jurisdictional Hazard Mitigation Plan Update is now available. The Hazard Mitigation Plan Update Committee, comprised of representatives from the City of Superior, UW-Superior, local business, regional and state agencies, and local citizens, has been working on the Plan Update since October 2009. The document proposes mitigation strategies for stormwater. The link to the document is: <http://www.ci.superior.wi.us/index.aspx?NID=86>

Future campus plans/goals: Develop inspection guidelines and reporting mechanism for storm water management efforts,

storm drain stencil program, student and staff education efforts, and assign responsibility to facilities management staff to assist in the stormwater reduction efforts. It is the campus goal to have these efforts in place during the 2011-12 academic school year.

Documentation is on file at UW-Supeiror, Faciltiy Management, 801 N. 28th Street, Supeiror, WI 54880

- Construction Site Pollutant Control

During 2009-10, UW-Superior has had unprecedented major construction with three (3) major capital building projects: new Student Center (Yellowjacket Union 05L1D), the renovation of the Jim Dan Hill Library (05I2P), and the new academic building (Swenson Hall 05I2Y).

Department of Administration- Division of State Facilities (DOA-DSF) serves as the regulatory authority for construction site pollution control via the Department of Administration/Division of State Facilities Erosion Control master specifications, section 31 25 00. UW-Superior is not aware of any erosion control violations on the campus.

- Post-Construction Storm Water Management

During 2009, UW-Superior has had unprecedented major construction with three (3) major capital building projects: new Student Center (Yellowjacket Union 05L1D), the renovation of the Jim Dan Hill Library (05I2P), and the new academic building (Swenson Hall 05I2Y).

Capital project sites are solely DOA-DSF responsibility. The campus can monitor activities and inform DOA-DSF of any incidents not conforming to the published standards, but cannot enforce a resolution. Reference material for this permit condition can be found at the Department of Administration/Division of State Facilities Civil and Sitework Guidelines.

- Pollution Prevention

Over the past year the campus grounds crew has been trained on the general stormwater discharge permit requirements, proper management of materials that cause stormwater pollution, proper management and use of fertilizers, pesticides and ice melt and salt products. Facilities management department has worked very close with the environmental health and safety department in stormwater permit requirements, stormwater education and product control.

In 2003, the new Health & Wellness building addition was constructed with two (2) recessed stormwater swales/collection areas. These areas are maintained for proper discharge and ponding, while maintaining the proper drainage to the city storm sewer.

The 18,000 square feet of green roof on the new student center (05L1D Yellowjacket Union) will provide a reduction of storm water run off into the city's system. it is too early to document the total reduction.

The campus maintains a web link to a document titled "Campus Snow & Ice Removal Information" and can be found at the following link: <http://www.uwsuper.edu/wb/facilities/snowandice.doc>. This document details the process used for snow and ice

removal based on best practices.

The campus Environmental Health and Safety committee has developed a policy for campus pesticide use. Each year Facilities Management must submit a proposed turf management plan to the committee for approval before work can commence. The policy is on file at UW-Superior.

Future initiatives will be the continued catch basin operation and maintenance plan and inspection forms.

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 P8 Version 3.2 Reduction (%) 7.39

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 (%) _____

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

Continued best practices for storm water runoff reduction along with working closely with the city of Superior on continued joint reduction efforts through monitoring, education and common best practices.

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.

The only change the campus has seen in 2010 regarding storm sewer system is new lateral connections from the new Swenson Hall academic building, to be completed in May 2011 (DSF 05I2Y). These new lines have been approved by the state of Wisconsin.

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 State of Wisconsin budget appropriation

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.

Because UW-Superior does not have a revenue generating entity for the required stormwater management program, funding for these activities comes from on-campus funds with all labor utilized by current employees

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:

Department of Administration/Division of State Facilities Erosion Control master specifications

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:

Department of Administration/Division of State Facilities Civil and Sitework Guidelines

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:

State of Wisconsin Administrative Code, University of Wisconsin System, Chapter 18: Conduct on University Lands.

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.

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:

UW-Superior's MS4 discharges into the City of Superior's MS4, which discharges into the following impaired waters:

Allouez Bay, St. Louis River AOC, Newton Creek, Superior Bay, Hog Island Inlet, Barker's Island Inner, Wisconsin Point Beach

#2.

- 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.

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.

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

Program Element	Annual Expenditure		Budget		Source of Funds
	2010		2010	2011	
Public Education and Outreach	\$3200				Physical Plant funds and in-kind services in partnership with the City of Superior (meeting space, AV use, food service catering, etc.)
Public Involvement and Participation	\$75				Physical Plant funds
Illicit Discharge Detection and Elimination	\$6,500				Parking Services funds and Physical plant funds
Construction Site Pollutant Control					
Post-Construction Storm Water Management					
Pollution Prevention	\$2,500				Physical Plant labor funds
Storm Water Quality Management (including pollutant-loading analysis)	?				In-kind services from the City of Superior
Storm Sewer System Map					
Other					

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