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 Business & Finance’s office. While no review of the annual report per se has taken place by interest groups or the general public, the campus community has been involved in certain aspects of planning and participating in the stormwater management program on campus. See Section V: Public Education & Outreach and UW-003: Storm Water Management Mass Communication.

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

Training on the general stormwater discharge permit requirements; proper management of materials that can cause stormwater pollution (leaves, grass clippings, auto maintenance, hazardous waste, etc); proper management and use of fertilizers and pesticides and on pollution prevention was provided to grounds, golf course and maintenance crew staffs on June 26 and July 28, 2008. The head of the grounds crew is regularly consulted regarding development of stormwater operation & maintenance plans and inspection schedules and formats.

Student and faculty involvement in the education aspects of the permit requirements was encouraged; and short presentations about stormwater pollution and the permit requirements were given to several general education classes during fall 2008. See Section V: Public Education & Outreach.

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:
University of Wisconsin – Green Bay Stormwater Management Plan; second revision April 2008:
http://www.uwsa.edu/capbud/documents/Swmp/UWGB_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-Green Bay will not be developing a formal agreement of any type with the City of Green Bay regarding any permit conditions. However, City and UWGB staff have agreed to meet periodically and potentially develop informal partnerships as needs arise.

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

If yes, provide web address: www.uwgb.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: www.uwsa.edu/capbud/stormwater.htm
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.

See also attached Storm Water Program Activity Detail Summary for Annual Report, and Storm Water Program Activity Detail Worksheet.

- Public Education and Outreach

UW-Green Bay’s public education and outreach program (condition 2.1 of the MS4 general permit) is due to the DNR on March 31, 2009. The program is included in this report as attachment 2: Public Education & Outreach and Public Involvement & Participation Program. The program is due to be implemented on or before September 19, 2009. This program was developed to increase awareness on the part of students and staff of stormwater pollution and its impacts on local water bodies and what individuals can do to prevent this. Part of this program was implemented in 2008, and part remains to be implemented. Facilities staff actively encouraged and worked with UW-Green Bay students to meet educational goals for the stormwater permit. To this end, facilities staff worked with the UW-Green Bay student environmental group Public & Environmental Affairs Council (PEAC) and students in the graduate Capstone course, who chose to do stormwater education activities as part of their fall 2008 coursework. The Capstone course is designed to provide students with opportunities to research environmental science or policy issues of local or regional scale.

Staff and students implemented several activities related to public education and public participation during the 2008 permitting year. Part of the education effort included acquiring and developing educational materials and distributing and/or presenting those educational materials to the campus community. Some education materials, such as brochures, were acquired from UW-Extension and the WDNR. Additional materials were developed in-house. Two educational posters and two educational presentations were developed. The first presentation was used to educate and train campus grounds, golf course and maintenance staff. It was presented twice: on June 26 and July 28, 2008. Specific topics included sources of stormwater pollution on campus, where storm drains go; what is and is not permissible to go in storm drains; proper management of materials that can cause stormwater pollution (leaves, grass clippings, auto maintenance, hazardous waste, etc.) and proper management and use of fertilizers and pesticides. Another presentation was developed by Capstone students and was presented by Capstone students to undergraduate students in several large introductory courses at UW-Green Bay during November 2008. This presentation included sources of stormwater pollution; impacts of stormwater pollution on receiving waters; effects of impervious surfaces on runoff; actions students can take to reduce stormwater runoff pollution and sources of further information on stormwater issues and BMPs.

In addition, a stormwater logo was developed for the UW-Green Bay campus. Although an official logo contest was not held, students in the Fall 2008 graduate Capstone class designed a storm water logo for the campus. The logo idea (Ronnie the Raindrop) was developed to create the public’s association of rain and stormwater. Used several times throughout presentations, educational material, background photos in flyers and posters, as well as a public appearance of Ronnie, the mascot helped to create a tie-in of stormwater to rain. The logo was used on some of the materials that were developed and distributed as part of the educational effort that took place during Fall 2008. The logo will be available to be used on future educational materials developed on campus.

Brochures and posters were distributed and displayed to students and staff at two campus events in 2008. In September, brochures and posters were displayed at an all-campus event featuring information about student organizations and their activities. In November, brochures and posters were displayed at a stormwater outreach event and education booth sponsored by the graduate Capstone class. Capstone students sent out press releases and email notices inviting students to the stormwater event and asking for participation. The event included two different activities: a public appearance by a student dressed up as the logo mascot "Ronnie the Raindrop" and an information booth. The mascot increased public attention and initiated stormwater inquiries and discussions. The information booth and poster were set up in a central location during high student activity. Informational brochures were distributed by Ronnie the Raindrop and other graduate students. Approximately 250 stormwater brochures were distributed to the UW-Green Bay community. Capstone students also spoke with students, staff, and faculty about stormwater issues, answering questions and offering additional stormwater information.

Stormwater posters and information are on long-term display on PEAC’s bulletin board in a high-traffic hallway on campus. The posters contain information about the sources of stormwater pollution and what students can do to prevent it.
A newsletter that is specifically designed for public education and information regarding the Fox River Basin and Green Bay’s TMDL is developed on the UW-Green Bay campus and is widely distributed on campus. The newsletter is titled ‘Our Watershed’ and contains articles about nonpoint source pollution, including stormwater pollution. The newsletter is published quarterly and covers public meetings and notices, offer tips and suggestions on improving local water quality, discusses water quality issues, and presents opportunities that the community can get involved in to protect local water resources.

The October 16, 2008 issue of the campus student newspaper, ‘Fourth Estate,’ contained an article about stormwater issues on the UW-Green Bay campus. The article highlighted UW-Green Bay’s stormwater permit and its requirements, common sources of stormwater pollution, activities that students on campus will be undertaking regarding education about stormwater issues and how students can get involved in these efforts.

Other educational efforts related to stormwater pollution that took place on the UW-Green Bay campus included the Lower Fox River Watershed Monitoring Program (LFRWMP) annual student symposium and the Capstone presentation to the university community on December 4, 2008.

The LFRWMP is administered through UW-Green Bay, and is a collaborative effort between area high school teachers and their students, UW-Green Bay, UW-Milwaukee, and agency researchers. It is designed to enhance student, teacher and community understanding and stewardship of streams in the Lower Fox Watershed, focusing on enhancing student, teacher and community understanding of land use impacts on aquatic ecosystems. Student/teacher teams from high schools in the Fox River Basin perform various periodic watershed monitoring activities within selected sub-watersheds of the Fox basin. Each year, a watershed symposium is held at UW-Green Bay, in which the school teams share information about their watersheds and research projects with each other and the community by presenting their findings in the forms of posters and oral presentations. The symposium brings together student-teacher teams from the participating schools, program partners, agency representatives, elected officials and community members to learn about the students’ work in the watersheds.

The Capstone class presented a summary of their work to the UW-Green Bay campus community on December 4, 2008. The class had chosen to focus its efforts on helping the campus meet and exceed the requirements of the MS4 permit, which stipulates a 40% reduction in Total Suspended Solids (TSS) by 2013, as well as requiring stormwater education and outreach efforts. The 2008 research focused on three areas: education & outreach, design of control devices, and stormwater pollution modeling. For stormwater education, a basic educational lecture was developed which was delivered to numerous general education classes. As mentioned above, a series of outreach programs were organized which were intended to create awareness of stormwater impacts on the waters of Wisconsin. Now established, these programs can be replicated annually. In order to ameliorate the impacts of campus stormwater pollution, numerous control devices were investigated. The first is a green roof over the Instructional Services building, which is tentatively scheduled to be implemented in the spring of 2009. Several additional control devices were also designed which could potentially be placed on campus to meet future stormwater requirements. Finally, the cost and effectiveness of each proposed control device was analyzed in an effort to develop optimal management strategies. These proactive measures combine educational awareness with sustainable management strategies and will serve to meet future stormwater regulation requirements as well as exemplify the University’s commitment towards environmental sustainability.

- Public Involvement and Participation

UW-Green Bay’s public involvement and participation program (permit condition 2.2) is due to the DNR on March 31, 2009. The program is incorporated into the public outreach and education program included in this report as attachment 2: Public Education & Outreach and Public Involvement & Participation Program. It is due to be implemented on or before September 19, 2009.

The main public participation and involvement events during 2008 included storm drain stenciling, in-class presentations by Capstone students and a stormwater outreach event. Storm drain stenciling was arranged and conducted as a collaboration between PEAC and the Capstone students. Public announcements and emails were sent to students campus-wide announcing the event and soliciting participation. PEAC covered the costs of printing colored stormwater handouts that were prepared for the event. Several students volunteered their time in response to the public announcements and emails that were sent out. Approximately 120 UW-Green Bay storm drains were stenciled with the phrase “Dump No Waste, Drains to Bay.” A few professors gave extra credit to students participating in the stenciling event and this increased participation and awareness.

Capstone students also prepared and gave short in-class presentations on stormwater issues during November 2008. The Capstone students identified mandatory general education courses offered in the fall semester of 2008 at UW-Green Bay. In order to cover the maximum number of students in a minimum amount of time, they targeted those courses with the highest student enrollments, between 115 to 250 students. Letters of request for donation of class time (3-5 minutes) were emailed to professors. Thirteen professors responded, and 14 classes were visited. Graduate students gave PowerPoint presentations that gave students a basic background on stormwater issues and addressed
simple actions students could take to prevent and control water pollution. It is estimated that presentations were given
to between 1200 to 1780 students.

The outreach event listed above under public education & outreach also included public participation elements.
Capstone students actively participated in the outreach event by manning the information booth and by portraying the
mascot. In addition, Capstone students actively engaged members of the general student body by answering
questions and offering information.

- **Illicit Discharge Detection and Elimination**

  UW-Green Bay's illicit discharge program (permit condition 2.3) is due to the WDNR on September 19, 2009. Activities
  that were completed to this end during permit year 2008 include: determination that State of Wisconsin Administrative
  Code, UWS Chapter 18 will serve as UW-Green Bay's regulatory mechanism for prohibiting illicit discharges to the
campus stormwater conveyance system; development of illicit discharge inspection forms; and performance of initial
field screening at all major outfalls on campus. Before the September 19 deadline, UW - Green Bay will develop a
procedure for administering and enforcing UWS 18 on this campus.

  All educational efforts on the UW-Green Bay campus are aimed at preventing illicit discharges to the campus storm
sewer system by educating the community about what stormwater is, how it gets polluted and what are permitted
discharges to the storm sewer system. In addition, all stormwater educational materials contain information about
practices that all citizens can do to prevent stormwater pollution.

  The storm drain stenciling campaign and associated publicity were aimed at educating the UW-Green Bay community
about illicit discharges to the storm sewer system and preventing illicit discharges to the storm sewer system.

  The initial field screening of all major outfalls was performed during July 2008. At the same time, the conditions of the
outfall structures were also inspected.

- **Construction Site Pollutant Control**

  UW-Green Bay's construction site pollutant control program (permit condition 2.4) is due to the WDNR on March 31,
  2009. Department of Administration/Division of State Facilities Division 31 Erosion Control Standards serve as the
regulatory mechanisms for UW System four year campuses to require erosion and sediment control at construction
sites. These standards are included in this report as attachment 3: Construction Site Pollutant Control Program.
Provisions for inspection and enforcement are included within these standards. These provisions have been in effect
since about 2005. There have been no reported erosion control violations on the UW-Green Bay campus reported to
the DOA-DSF project manager during the 2008 permitting year.

- **Post-Construction Storm Water Management**

  UW-Green Bay's post-construction site stormwater management program (permit condition 2.5) is due to the WDNR on
March 31, 2009. DOA-DSF Civil and Sitework Guidelines serve as the regulatory mechanisms for UW System four
year campuses to require post-construction stormwater discharges from new development and redevelopment. These
guidelines are included in this report as attachment 4: Post-Construction Stormwater Management Program.
Provisions for inspection and enforcement are included within these guidelines.

  Stormwater operation and maintenance plans are required to be completed under permit condition 2.5.2 and by
COMM 82.36(13). Operation and maintenance plans for all stormwater management facilities on the UW-Green Bay
campus were completed during the 2008 permit year. These include catch basins, grassed swales, outfalls and wet
deflection ponds. Copies of these operation & maintenance plans are included in attachment 5: Stormwater
Management Facility Operation & Maintenance Plans.

  All components of the stormwater conveyance system on the UW-Green Bay campus will be periodically inspected as
per schedules delineated in their operation & maintenance plans. In addition, storm sewer outfall structures will be
inspected as part of the on-going dry weather field screening of outfalls for illicit discharges.

- **Pollution Prevention**

  UW-Green Bay's pollution prevention program (permit condition 2.6) is due to the WDNR on September 19, 2009.
Items that were completed during the 2008 permit year include: training for grounds and golf course crews on proper
management of leaves and grass clippings, and proper application of fertilizers and pesticides; and training for
maintenance crews on proper uses and management of materials that can cause stormwater pollution. This
educational and training session will be held annually for grounds, golf course and maintenance staff in spring when
seasonal grounds crews are hired. This will consist of a PowerPoint presentation and discussion, as well as
distribution of training hand-outs. The 2008 training session was held in conjunction with spill prevention, containment, and countermeasures training on June 26 and July 28.

Inspection forms were developed for all the stormwater management facilities on campus and initial inspections were conducted of the catch basins in May 2008 and of the grassed swales in October 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 WinSLAMM, Version 9.3.0 Reduction (%): 40.02%

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 (%): 40.02%

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 feasibility of retrofitting stormwater facilities on the UW-Green Bay campus was addressed by Omni Associates in chapter 7 of the Stormwater Management Plan for the campus. In addition, the fall graduate Capstone class evaluated the feasibility of installing certain low impact development techniques in a portion of campus that currently has little stormwater pollution control. Specifically, they explored the use of porous pavement and bioretention in some campus parking lots. The students then used WinSLAMM to model reduction in total phosphorus and total suspended solids under these management practices.

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. No updates to the storm sewer map were completed during the current permitting year. UW-Green Bay’s compliance date for this permit condition in September 19, 2009.

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**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 State of Wisconsin budget appropriations.

c. **Are adequate revenues being generated to implement your storm water management program to meet the permit requirements?**

☐ Yes ☒ No

The University of Wisconsin System does not have the authority, nor ability, to establish a storm water utility entity, or an equivalent revenue generating entity, for the required storm water management program activities funding. All funding for the University of Wisconsin System storm water management activities relies on the State of Wisconsin’s biennial capital budget and operational budget appropriations.

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-Green Bay does not have a revenue generating entity for the required stormwater management program activities, funding for these expenses is currently redirected from the physical plant operating budget. One Limited Term Employee (LTE)
was hired to work 100% on stormwater management activities for UW-Green Bay.

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:

Materials management policies will be included in UW-Green Bay’s pollution prevention program, which is due to the WDNR on September 19, 2009. See attached “Storm Water Program Activity Detail Worksheet”, Section B-00: Materials Management.

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 summer 2008, UW-Green Bay conducted the initial field screening of all major outfalls for illicit discharges on campus as per permit requirement 2.3.2. Inspections were conducted at four outfalls. In addition, required routine inspections under permit requirement 2.6.1 were begun for grassed swales and catch basins. Three inspections were completed for grassed swales and 185 catch basins were inspected. No enforcement actions were necessary as a result of these inspections.

See attached “Storm Water Program Activity Detail Summary for Annual Report”, Section(s) UW-008: Erosion Control and UW-012: Storm Sewer Inspection; the “Storm Water Program Activity Detail Worksheet”, Section D-00: Operations & Maintenance, Item(s) D02: Incident (Erosion), D-03: Incident (Illicit Discharge), and D-04: Inspections; and associated support documentation.
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: Green Bay AOC; pollutants of concern are sediment, total phosphorus and PCB's

- 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:

  Actions that UW-Green Bay has taken to reduce the discharge of pollutants of concern include: 1) sweeping/blowing grass from sidewalks and parking lots after mowing; 2) changing golf cart washing practices at the golf course from rinsing grass clippings down the storm drain to rinsing the golf carts on the turf so that only water goes down the storm drain; and 3) street sweeping of all campus roadways and cleaning of all campus catch basins.

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

Actions that the campus has taken in section VIII b above have resulted in water quality improvements to the receiving waters.

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.

No known water quality degradation in the receiving water has occurred during the reporting period.

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:

Capital project sites are solely DOA-DSF responsibility. The campus can monitor construction site activities and inform DOA-DSF of any incidents not conforming to the published standards, but cannot enforce a resolution.
Fiscal Analysis Table. Complete the fiscal analysis table provided below.

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<th>Budget</th>
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* Municipalities that received initial permit coverage in 2006 do not need to complete expenditure and budget columns for 2007
List of Attachments

1. **UW System Stormwater Program Activity Detail Summary for Annual Report**
   *and UW System Program Activity Detail Worksheet*

2. **Permit Conditions 2.1 and 2.2:** Public Education & Outreach and Public Involvement & Participation Program

3. **Permit Condition 2.4:** Construction Site Pollutant Control Program
   *(DOA/DSF Erosion Control Master Specifications)*

4. **Permit Condition 2.5.1:** Post-Construction Stormwater Management Program
   *(DOA/DSF Civil and Sitework Guidelines)*

5. **Permit Condition 2.5.2:** UW-Green Bay Stormwater Management Facility Operation & Maintenance Plans

6. **Permit Condition 2.7:** Stormwater Quality Management
   *(Earth Tech/AECOM WinSLAMM report)*

*Note: Attachments 2 through 5 contain permit conditions due to WDNR by March 31, 2009.*