

**University of Wisconsin – La Crosse  
Storm Water Management Program**

**Storm Water Management Facilities  
Updated March 9, 2023**

**I. Background:**

This plan is developed to fulfill requirements of the WI Department of Natural Resources general permit to discharge under the Wisconsin Pollutant Discharge Elimination System (WPDES) Permit No. WI-S050075-3.

**II. UWL Specific Permit Conditions – Pollution Prevention:**

2.6.1 Storm water management facilities. Update and maintain an inventory of municipally owned or operated storm water Best Management Practices (BMPs) such as wet detention ponds, bioretention devices, infiltration basins and trenches, permeable pavement, proprietary sedimentation devices, vegetated swales, or any similar practices or devices used to meet a water quality requirement under this permit. At a minimum, the inventory shall be maintained in a tabular format and contain the following information for each structural storm water facility:

- a. A key corresponding to the location of the BMP on the storm sewer system map required under section 2.8.
- b. The name and a description of the BMP, including the type and year constructed.
- c. A confirmation of whether each of the following elements exist or are not available:
  - 1) An operation and maintenance plan with inspection procedures and schedule.
  - 2) A record drawing.

Note: A record drawing is a complete clean set of drawings that accurately reflect how the final practice was built.

- (3) If using a BMP to meet a water quality requirement in this permit and the BMP is owned by another entity, written documentation exists that the permittee has permission from the owner to use the BMP for this purpose.

2.6.2 For each BMP inventoried under section 2.6.1, the permittee shall develop and implement a maintenance plan with inspection procedures and schedule to maintain the pollutant removal

operating efficiency of the practice in compliance with any water quality requirement under this permit. Documentation of inspections and maintenance activities shall be maintained.

Note: Chapter NR 528, Wis. Adm. Code, Management of Accumulated Sediment from Storm Water Management Structures, establishes a process to regulate sediment removal and use to help storm water pond owners manage storm water pond sediment. Information on NR 528 and managing accumulated sediment from storm water ponds is available through the Department's Internet site at: <https://dnr.wi.gov/topic/waste/nr528.html>.

### **III. UWL Inventory of Storm Water BMP's:**

The physical keyed location of all Best Management Practices (BMP's) is included in two attachments titled:

1. BMP Main Campus as of March 2023 Section 2.8.pdf
2. BMP North Campus as of Feb 2018 Section 2.8.pdf

The inventory of BMP's at University of Wisconsin La Crosse are included on the next page.

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<b>Storm Water Permit Section 2.6.1</b>						
Last Updated: 03/09/2023						
Notes: 1. All BMP's are owned by University of Wisconsin La Crosse						
2. University catch basins are not individually identified in this inventory of BMP's. UWL Storm Sewer Map, included in annual report, identifies catch basin locations.						
<b>Key</b>	<b>Name - Project Description</b>	<b>DFD Project Number</b>	<b>BMP Type</b>	<b>Year Constructed</b>	<b>Are Record Drawings Available?</b>	<b>Is Operations and Maintenance Plan with Inspection Procedures and Schedule Available?</b>
1	Centennial Hall New Construction	05130	Five bioinfiltration basins	2011	Yes	Yes
2	Eagle Hall New Construction	08B3M	Five bioinfiltration basins	2011	Yes	Yes
3	Police Building & Park Ramp New Construction	10J2S	One bioinfiltration basin	2013	Yes	Yes
4	Maintenance and Stores Building Addition	12J30	One bioretention basin	2016	Yes	Yes
5	Reconstruction of Parking Lot R-1	14E4X	One bioinfiltration basin and two swales	2016	Yes	Yes
6	Reconstruction of Parking Lot R-2	14E4X	Three grassy swales	2016	Yes	Yes
7	Student Union New Construction	12H2W	Two bioinfiltration basins	2016	Yes	Yes
8	West Chiller Plant New Construction	13B3K	One bioinfiltration basin	2016	Yes	Yes

9	Main Hall Storm Water Improvements	15D1F	Five bioinfiltration basins	2017	Yes	Yes
10	Reconstruction of Parking Lot C-8	14E4Y	Two bioinfiltration basins	2017	Yes	Yes
11	Reconstruction of Parking Lot C-9	14E4Y	Three bioinfiltration basins	2017	Yes	Yes
12	Synthetic Surface (Porous Pavement) Soccer Field - New Construction	15I2D	Porous Pavement	2017	Yes	Yes
13	Prairie Springs Science Center New Construction	13B3H	Three bioinfiltration basins	2018	Yes	Yes
14	Wittich Hall CBA Renovation	14I2O	One bioinfiltration basin	2020	Yes	Yes
15	Fieldhouse and Soccer Support Facility New Construction	15I2I	Three bioinfiltration basins	2022	Yes	Yes

#### **IV. UWL BMP Maintenance Plan, Inspection Procedures, and Schedule:**

The Facilities Department at the University of Wisconsin La Crosse uses an automated online maintenance management system to manage all Facilities and Grounds Services (a.k.a. Landscaping) operations. This management planning and operational system, known as TMA, allows for the scheduling of inspections, regular maintenance, and reporting for regular management review. TMA assigns tasks, known as work orders, to appropriate staff. These work orders provide detail consistent to the requirements of the task. Staff completing the initial work order, record notes on their hand-held wireless tablet. As necessary, staff and supervisors use results of the initial inspection to issue additional work orders.

Facilities and Grounds Services uses TMA to plan and manage storm water best management practices. The primary focus is of these efforts is to maintain infiltration capacity, health of vegetation, and campus aesthetics. General recommended maintenance activities incorporated into TMA are summarized in the following table.

Maintenance tasks in bioinfiltration basins and swales are scheduled and tracked through UWL's TMA work order process. Work orders are not specifically assigned to individual bioinfiltration basins and swales but are assigned to the nearest building. Work orders are assigned on a monthly basis for most maintenance work. Tasks such as weeding, pruning, mulching, picking litter, and clearing leaves are scheduled every month during the growing season.

**BMP Maintenance Practices**

Ongoing Maintenance Activity	Frequency
Mulch void areas	Yearly (May or June) and as needed
Remove dead, diseased, or dying perennials, trees, shrubs	As needed
Inspect soil and repair eroded areas	As needed
Remove litter and debris	Monthly
Clear leaves and debris from overflow	Monthly
Maintain weeds by pulling or spraying	Monthly
Inspect for sediment build-up, erosion, and vegetative conditions	Monthly
Prune trees and shrubs	As needed
Cut back perennials/clear leaves in the fall	Yearly