



SAFETY AND COMPLIANCE
Physical Plant Service Building
1501 South Oak Street – MC 800
Champaign, IL 61820

May 12, 2022

Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section
Municipal Annual Inspection Report
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

RE: 2021-2022 Annual Facility Inspection Report
Municipal Separate Storm Sewer Systems (MS4)
National Pollutant Discharge Elimination System (NPDES) Permit No. ILR400523
University of Illinois at Urbana-Champaign

Dear Sir or Madam:

Enclosed is the Annual Facility Inspection Report required by the University of Illinois at Urbana-Champaign MS4 NPDES permit. This report covers the period from April 1, 2021 to March 31, 2022.

The University proposed to implement forty-nine BMPs during Year six of the third MS4 permit cycle to address the required minimum control measures. The University successfully implemented and completed all forty-nine BMPs.

The University exceeded performance goals for ten individual BMPs and exceeded BMP performance goals in five of the six required control measure categories: Public Education and Outreach, Public Participation and Involvement, Construction Site Runoff Control, Post Construction Site Runoff Control, and Pollution Prevention and Good Housekeeping.

If you have any questions regarding the information contained in this report, please contact Ms. Betsy Liggett at (217) 265-0915.

Sincerely,

A handwritten signature in black ink that reads "David B. Wilcoxen". The signature is written in a cursive style with a large, sweeping flourish at the end.

David B. Wilcoxen
Associate Director, Environmental Compliance



Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.

Report Period: From March, 2021 To March, 2022

Permit No. ILR40 0523

MS4 OPERATOR INFORMATION: (As it appears on the current permit)

Name: University of Illinois at Urbana Champaign Mailing Address 1: 1501 South Oak Street
Mailing Address 2: _____ County: Champaign
City: Champaign State: IL Zip: 61820 Telephone: 217-333-3365
Contact Person: David B. Wilcoxon Email Address: dwilcoxe@illinois.edu
(Person responsible for Annual Report)

Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

University of Illinois at Urbana Champaign

THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- | | | | |
|--|--------------------------|---|--------------------------|
| 1. Public Education and Outreach | <input type="checkbox"/> | 4. Construction Site Runoff Control | <input type="checkbox"/> |
| 2. Public Participation/Involvement | <input type="checkbox"/> | 5. Post-Construction Runoff Control | <input type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input type="checkbox"/> |

- B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.
- C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.
- D. Attach a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule.)
- E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).
- F. Attach a list of construction projects that your entity has paid for during the reporting period.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Owner Signature:

David Wilcoxon

Printed Name:

5/12/22

Date:

Associate Director, Env. Compliance

Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
ANNUAL FACILITY INSPECTION REPORT**

**NPDES PHASE II PERMIT FOR STORMWATER DISCHARGES
FROM
MUNICIPAL SEPARATE STORM SEWER SYSTEMS**

**UNIVERSITY OF ILLINOIS at URBANA-CHAMPAIGN
NPDES Permit No. ILR 400523**

REPORTING PERIOD:

April 2021 to March 2022

MS4 OPERATOR INFORMATION:

University of Illinois at Urbana-Champaign
1501 S. Oak Street
Champaign, Illinois 61820
(217) 333-3655
David Wilcoxon
Director, Environmental Compliance

GOVERNMENTAL ENTITY IN WHICH MS4 IS LOCATED:

University of Illinois at Urbana-Champaign

INTRODUCTION/BACKGROUND:

The 1987 amendments to the Clean Water Act required the United States Environmental Protection Agency (USEPA) to address storm water runoff in two phases. Phase I of the National Pollution Discharge Elimination System (NPDES) Storm Water Program became effective in 1990. Phase I of the NPDES Storm Water Program applied to large and medium MS4s and eleven industrial categories including construction sites disturbing five or more acres of land. Phase II of the NPDES Storm Water Program became effective March 10, 2003 and is applicable to small MS4s and construction sites disturbing between 1 and 5 acres of land. Phase II also expands the industrial “no exposure” exemption from Phase I. The Illinois Environmental Protection Agency (IEPA) oversees implementing both phases of the NPDES Storm Water Program.

As a small MS4, the University was required to comply with Phase II of the NPDES Storm Water Program by submitting a Notice of Intent (NOI) to IEPA by March 10, 2003. The NOI serves as the application documentation for the NPDES Phase II Permit that applies to storm water discharges from storm sewers and drainage ways within the University’s MS4’s boundary for a permit period of five (5) years. The NOI outlined a plan of implementation for six minimum control measures with a target to improve storm water quality.

Those six minimum control measures are:

1. Public Education and Outreach
2. Public Participation and Involvement
3. Illicit Discharge Detection and Elimination
4. Construction Site Runoff Control
5. Post-construction Runoff Control
6. Pollution Prevention and Good Housekeeping

The University has developed a plan to address the six minimum control measures over the term of their NPDES Phase II Permit. As a part of the NOI, the University defined Best Management Practices (BMPs) for each minimum control measure and established measurable goals for each. BMPs were chosen that reflect the desire to build upon existing University programs already in place at this time.

The University works in cooperation with other MS4s in the urbanized area to share costs and common efforts to develop a regional consistency in BMPs towards fulfilling the requirements of the NPDES Phase II Storm Water Program. The MS4 Committee continues to meet at a minimum quarterly and includes the University, City of Champaign, City of Urbana, Village of Savoy and Champaign County. The committee changed its name to the Champaign County Stormwater Partnership (CCSWP) in 2017.

The University submitted its second NOI to IEPA on January 7, 2008. The University received its 2009-2014 ILR40 NPDES permit on February 26, 2009.

On February 19, 2014, the University was subject to a MS4 Audit performed by IEPA. A thorough review of the University's records showed general compliance with their ILR40 Permit.

The University submitted the third NOI to the IEPA on September 30, 2013. The University received its 2016-2021 ILR40 NPDES permit on February 11, 2016.

This document serves as the Year 6 report for the ILR400523 NPDES permit issued on February 10, 2016. This permit expired on February 28, 2021, however the IEPA has not issued a new five-year general permit therefor the University is operating under it until a new permit is issued. At that time, the University will submit a new NOI as advised.

CURRENT YEAR PERMIT COMPLIANCE ASSESSMENT – Year 6 of 3rd Permit Cycle:

The University proposed in last year's annual report to implement forty-nine (49) BMPs during Year 6 of the third MS4 permit cycle to address the required minimum control measures. The University successfully implemented and completed all 49 BMPs. The University exceeded performance goals for ten individual BMPs and exceeded its BMP performance goals in five of the six required control measure categories: Public Education and Outreach, Public Participation and Involvement, Construction Site Runoff Control, Post Construction Site Runoff Control, and Pollution Prevention and Good Housekeeping.

For details regarding the implementation of this past year's BMPs, please refer to **Attachment A - Permit Cycle 3, Year 6 NPDES Storm Water Activity Report**.

MONITORING AND ASSESSMENT PROGRAM:

As stated in the Monitoring and Assessment Program Update letter prepared by the University and submitted to the IEPA on August 30, 2016 the University complied with the monitoring and assessment program requirements by implementing an annual assessment of physical/habitat characteristics of the Boneyard Creek stream bank erosion caused by stormwater discharges. The University also extended the creek inspections to the Embarras Tributary north of Windsor and east of Neil Street, near the Fire Service Institute.

Accordingly, the University Safety and Compliance collaborated with the University Facilities & Services Maintenance Department to implement an annual assessment of the physical/habitat characteristics of the stream in accessible areas of the campus Boneyard Creek and the Embarras Tributary. The University performed the Boneyard Creek inspection on October 22, 2021. No major issues were found, however due to weather the litter cleanup occurred on November 6, 2021. The Embarras Tributary inspection occurred on November 6, 2021. No major issues were found, and creek cleanup occurred the same day.

See inspection information below and **Attachment A - Permit Cycle 3, Year 6 NPDES Storm Water Activity Report BMP C.7.1.**

UNIVERSITY OF ILLINOIS - EMBARRAS TRIBUTARY INSPECTION

The University of Illinois Facilities & Services, Maintenance Department visually inspected the Embarras tributary near Windsor and S. First St. on November 6, 2021. No major issues were found, and creek litter cleanup occurred the same day.



Waterway: Boneyard Creek Tributary to Embarras

Inspection Section: _____

Inspector(s): Patrick J Wood Date: 11/06/21

Reason for Inspection: Routine Complaint

	YES	NO
Accumulation of debris or trash?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Accumulation of sediment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Brush removal needed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tree removal needed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Soil erosion on banks or at outfalls?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Presence of holes from animals?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Presence of algae or stagnant moisture?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unpleasant odors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Evidence of illicit discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Storm outfalls or channel plugged by debris?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Storm outfalls or other structures damaged or absent?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Waterway impaired?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments & Corrective Measures Needed: (attach photos)

Brush in three locations along the tributary was cleared to provide better access to members participating in the annual clean up. A phase has been added to the preventative maintenance scheduled each year so this can be done prior to the inspection. The work orders for this year were 10900194-001 for the Boneyard and 10900193-001 for the Embarras River Tributary.

11 - Tributary



12 - Tributary



13 - Tributary



14 - Tributary



15 - Tributary



16 - Tributary



UNIVERSITY OF ILLINOIS – BONEYARD CREEK INSPECTION

The University of Illinois Facilities & Services, Maintenance Department visually inspected the Boneyard Creek on campus between 6th Street and Gregory on October 22, 2021. No major issues were found, however due to weather the litter cleanup occurred on November 6, 2021.

I ILLINOIS Facilities & Services

Waterway: Boneyard Creek Tributary to Embarras

Inspection Section: Boneyard Creek, Wright St. U. to Gregory St. U.

Inspector(s): Patrick J Wood

Date: 11/06/21

Reason for Inspection: Routine Complaint

	YES	NO
Accumulation of debris or trash?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Accumulation of sediment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Brush removal needed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tree removal needed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Soil erosion on banks or at outfalls?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Presence of holes from animals?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Presence of algae or stagnant moisture?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unpleasant odors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Evidence of illicit discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Storm outfalls or channel plugged by debris?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Storm outfalls or other structures damaged or absent?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Waterway impaired?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments & Corrective Measures Needed: *(attach photos)*

Inspection was completed on October 22, 2021 but due to weather the trash and debris clean out was rescheduled and completed on November 6, 2021. Trash and debris was collected for recycling or disposal.

As seen in pictures 9 & 10 you will see a piece of concrete support structure under the Loomis Laboratory overpass fell into the creek. this has been brought to the attention of the local manipulability and F&S.

1 – Boneyard



Trash caught on steel bracing for retaining wall.

2 – Boneyard



Discarded bike lock

3 - Boneyard



Approximately 25 disposable face coverings were collected

4 - Boneyard



Trash gets stuck in the area and we cleaned out the overflow by hand

7 – Boneyard



8 - Boneyard



9 – Boneyard



10 - Boneyard



UNIVERSITY OF ILLINOIS – DORNER DRIVE RETENTION BASIN INSPECTION

In accordance with BMP E.6.1, the University of Illinois Facilities & Services, Water Station inspects the campus Dorner Drive Retention basin annually and completes a checklist. The last annual inspection in which a checklist was completed occurred on 4-20-21. The staff also visits daily (5 days/week) to inspect for immediate concerns.



Basin Inspection: Dorner Drive Retention Pond

Inspector(s): Matt Dalton & Tom Rubarts **Date:** 4/20/21

Reason for Inspection: Routine Complaint

	<u>YES</u>	<u>NO</u>
Accumulation of debris or trash?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Accumulation of sediment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Brush or tree removal needed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Soil erosion on banks or at outfalls?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unpleasant odors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Evidence of illicit discharge?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Presence of algae or stagnant moisture?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Presence of animals that need assistance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Storm outfalls plugged by debris or damaged?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Add screens to overflow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pull aerator pumps to clean?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments & Corrective Measures Needed: *(attach photos)*

The University visits the basin 5 days a week and corrects issues as they occur.



Dorner Retention Basin North View



Dorner Retention Basin South View

STORM WATER ACTIVITIES FOR NEXT YEAR – Year 7 of 3rd Permit Cycle:

The BMP Summary for the current MS4 storm water discharge permit cycle as proposed in the NOI submitted to IEPA on September 30, 2013, with updates incorporated in previous annual reports, is included as **Attachment B – Permit Cycle 3, Year 7 Proposed NPDES Storm Water BMPs**. Attachment B describes the University's proposed storm water activities for April 1, 2022 to March 31, 2023.

CHANGES TO BMPs:

Please refer to **Attachment C – Permit Cycle 3, Year 6 Changes to Storm Water BMPs**. This table outlines modifications made in response to University practices. No BMP changes were made this reporting year.

OTHER GOVERNMENTAL ENTITY RELIANCE:

The University continues to participate in and share resources with the Champaign County Stormwater Partnership. The University works in cooperation with other local MS4s to share costs and common efforts to develop consistent BMPs. The MS4 Committee continues to meet at a minimum quarterly and this partnership includes: the University, City of Champaign, City of Urbana, Village of Savoy and Champaign County. The Cities of Urbana and Champaign also have a written agreement with the

University to provide street sweeping services to University streets monthly when there is not snow (typically April-October) and for special events.

Along with the University of Illinois, the City of Urbana and the City of Champaign conduct annual physical/habitat characteristic inspections of stream bank erosion in accessible areas of the Boneyard Creek and the Embarras Tributary. The Cities report any campus related findings to the University.

The Champaign County Stormwater Partnership also collaborates for the spring Boneyard Creek Community Day and fall iHelp litter clean-up days, and the biennial Green Infrastructure and Erosion Control Conference. These events successfully clean-up the community and provide public education, outreach and involvement. Due to the COVID-19 pandemic the spring 2021 Boneyard Creek Community Day did not occur. However, the fall campus iHelp clean-up day was on September 26, 2021 with over 140 volunteers who cleaned approximately 489 acres. The MS4 Champaign County Stormwater Partnership committee also hosted the virtual fall biennial Green Infrastructure and Erosion Control Conference on October 20, 2021.

PERMIT CYCLE 3, YEAR 6 CONSTRUCTION PROJECTS:

University projects that disturbed one acre or more between April 1, 2021 and March 31, 2022 and their associated construction and completion statuses are listed below:

- Campus Instructional Facility – Complete
- CERL Temporary Structure for Robotics Lab phase 2 – Active
- DIA Baseball and Softball Training Facilities – Active
- DIA Soccer Track Complex BP2 – Complete
- DIA Ubben Basketball Utilities phase BP1 – Active
- Feed Mill Demo – Active
- Hydrosystems Lab Renovation – Complete
- Siebel Center for Design – Complete
- South Farms Cable Rigged Camera System – Complete
- Willard Airport Runway 4/22 Rehabilitate – Complete

Attachment A

Permit Cycle 3, Year 6 NPDES Storm Water Activity Report

Attachment A - Permit Cycle 3, Year 6 Storm Water Activity Report

BMP ID	BMP Category	BMP Subcategory	BMP Description	Year 6 Goal Milestone	Year 6 Activities	Year 6 Status
A.1.1	Public Education and Outreach	Distribute Paper Material	Stormwater fact sheet and posters on Safety & Compliance Website	Post materials	Maintained 5 outreach posters on S&C website. We also have four training documents posted called Toolbox Talk regarding permits, spills, erosion control and winter de-icing material storage/use https://fs.illinois.edu/services/safety-and-compliance/about-the-program/events-and-outreach	Compliant
A.1.2	Public Education and Outreach	Distribute Paper Material	Press Release	Publish one press release	The Boneyard Creek Community Day (BCCD) event was cancelled in 2021 due to COVID-19 pandemic restrictions. However the BCCD public website http://www.boneyardcreek.org/ was updated with the previous annual events and also the 4/9/22 event information. A press release was issued for the 2022 event. Environmental Compliance employees also staffed a stormwater information table at the campus Green Quad Day on 10/12/21. During this event we discussed and handed out information on the campus MS4 stormwater permit, BMPs, construction erosion control measures, community stormwater litter pick up events, conferences and campus environmental justice review.	Compliant
A.1.3	Public Education and Outreach	Distribute Paper Material	Stormwater Website	Continue updating website	Maintained the University stormwater website http://fs.illinois.edu/services/safety-and-compliance/about-the-program including posting information about Climate Change and Environmental Justice, stormwater reports and BMPs http://www.fs.illinois.edu/services/safety-and-compliance/about-the-program/events-and-outreach . Also maintain the MS4 CCSP website https://www.ccstormwater.org/	Compliant
A.2.2	Public Education and Outreach	Speaking Engagement	Information presentation or information booth	Make one presentation or staff one booth	The Boneyard Creek Community Day (BCCD) and the iHELP litter clean up events were cancelled in 2021 due to COVID-19 restrictions therefore no University representative staffed a booth and provided information to volunteers. However, Environmental Compliance presented stormwater compliance information at all construction project meetings with University staff, contractors and consulting firms and we staffed a stormwater information table at the campus Green Quad Day on 10/12/21. Environmental Compliance also attended all of the 2021 quarterly MS4 meetings.	Compliant

Attachment A - Permit Cycle 3, Year 6 Storm Water Activity Report

BMP ID	BMP Category	BMP Subcategory	BMP Description	Year 6 Goal Milestone	Year 6 Activities	Year 6 Status
A.3.1	Public Education and Outreach	Public Service Announcement	Social media, radio, television and internet announcements	Broadcast one PSA	The Boneyard Creek Community Day (BCCD) spring litter clean up event was cancelled in 2021 due to COVID-19 restrictions therefore no PSA was broadcasted for this event. However the iHELP litter clean up event occurred on 9/26/22 and was shared with the campus community. 161 volunteers registered and over 150 showed up to clean various campus areas ~489 acres. Facilities & Services also posted a one minute "Stormwater Rap" and a 53-second audio "People of the Boneyard" PSA on the stormwater website https://www.fs.illinois.edu/services/safety-and-compliance/about-the-program/events-and-outreach . We also worked with a student intern and affiliated student group called AdBuzz to develop a new mask litter PSA and TikTok video.	Exceeded Goals
A.4.1	Public Education and Outreach	Community Event	Biennial Green Infrastructure Conference	Carry out conference	The University and the MS4 committee hosted the 2021 Green Infrastructure & Erosion Control Conference on October 20, 2021 virtually via Zoom. Speaker topics included erosion control method called stormwater regenerative conveyance systems, low maintenance garden theory, park district lake and river bank renovations, local environmental justice/food insecurities and community outreach and green sports. Presentations can be found https://www.ccstormwater.org/2021-conference-presentations.html	Compliant
B.1.1	Public Participation & Involvement	Public Panel	Participation by the campus community and students in campus storm water initiatives (i.e. Illinois Climate Action Plan, Sustainable Working Advisory Teams, Student Sustainability Committee)	Continue to involve the campus community and students in the various storm water initiative groups on campus	The iCAP, Student Sustainability Committee, the Institute for Sustainability, Energy and Environment (ISEE), and the Facilities and Services Sustainability office continue to involve the campus community in campus storm water initiatives. Environmental Compliance is also part of the ISEE Land and Water iCAP Team where we work together to advise and recommend sustainable campus stormwater and land projects.	Compliant
B.3.1	Public Participation & Involvement	Stakeholder Meeting	Meet with stakeholder group	Meet once	A University representative from Facilities and Services, Environmental Compliance is a member of the ISEE Land and Water Sustainability Working Advisory iCAP Team (SWATeam). This team focuses upon conserving potable water, handling stormwater and using land in a sustainable manner. The team continues to meet multiple times each year reviewing project and the iCAP goals and also recommends projects to make the campus more sustainable.	Exceeded Goals

Attachment A - Permit Cycle 3, Year 6 Storm Water Activity Report

BMP ID	BMP Category	BMP Subcategory	BMP Description	Year 6 Goal Milestone	Year 6 Activities	Year 6 Status
B.4.1	Public Participation & Involvement	Public Hearing	Provide opportunity for public input on the Storm Water Program including discussion of EJ areas within MS4 jurisdiction	Meet once	Due to the COVID-19 gathering restrictions, the University did not hold a traditional stormwater public meeting in 2021 however we staffed a stormwater information table at the campus Green Quad Day on 10/12/21. During this event we discussed the campus MS4 stormwater permit, BMPs, construction erosion control measures, community stormwater litter pick up events and conferences, and campus environmental justice review. iSEE also held a Ted Talk on 8/31/21 sharing Majora Carter "Greening the Ghetto" concept and other environmental justice topics. University Professor Mark Taylor from the School of Architecture and his students also collaborate with Prosperity Gardens on various environmental justice projects, currently they are helping the Garden establish a new farm. In addition to this, the Professor also looks for Prosperity Garden grant opportunities. Prosperity Gardens is a local City Champaign Township organization that helps grow food, employ/educate the homeless, and distribute food to under represented communities.	Compliant
B.6.1	Public Participation & Involvement	Program Involvement	Quarterly MS4 Committee meetings	Meet four times	The Cooperating MS4s met seven times during 2021 (3/9/21, 4/13/21, 6/8/21, 7/13/21, 9/14/21, 10/12/21 12/14/21).	Exceeded Goals
B.7.1	Public Participation & Involvement	Other Public Involvement	Sponsor one campus cleanup event annually	Sponsor one campus cleanup event annually	The April 2021 Boneyard Creek Community Day cleanup event did not occur due to the COVID-19 pandemic. However Facilities & Services did sponsor the fall iHelp cleanup on 9/26/22; 161 volunteers registered and over 150 showed up to clean various campus areas ~489 acres. Facilities & Services also sponsored smaller campus cleanups performed by the campus iSEE group on 4/7/21, the local Cub Scouts on 4/24/21 and local Heartland Coca-Cola company on 6/16/21.	Exceeded Goals
C.1.1	Illicit Discharge Detection and Elimination	Sewer Map Preparation	Update GIS Storm Sewer System Map as changes occur.	Update GIS Storm Sewer System Map as changes occur.	The University has a GIS system map and is the process of validating it and adding additional functionality by including trace analysis. The University also incorporates the Illicit Discharge Detection and Elimination Plan findings (when new drains are dye tested the results are shared with the GIS Team for system updates).	Compliant
C.2.1	Illicit Discharge Detection and Elimination	Regulatory Control Program	Prohibit illegal discharges to storm sewer system	Prohibition in Campus Administrative Manual.	Discharge to storm sewers is restricted in the Campus Administrative Manual under Policy Number FO-65 Storm Sewer Usage. https://cam.illinois.edu/policies/fo-65/	Compliant

Attachment A - Permit Cycle 3, Year 6 Storm Water Activity Report

BMP ID	BMP Category	BMP Subcategory	BMP Description	Year 6 Goal Milestone	Year 6 Activities	Year 6 Status
C.3.1	Illicit Discharge Detection and Elimination	Detection/Elimination Prioritization Plan	Investigate priority areas likely to have illicit discharges.	Investigate campus building drains. Develop dye test and drain labeling and/or repair list.	As part of the Illicit Discharge Detection and Elimination Plan 6 buildings were dye tested: 5/4/21 Bevier line dyed and confirmed sanitary so no action needed; 7/1/21 Transportation Building east side dyed and confirmed sanitary so no action needed; 9/27/21 Freer Hall room 10D dyed and confirmed storm so redirected to sanitary per code; 11/4/21 Observatory dyed and confirmed sump pump in room 20 discharges to storm, reroute being planned; 11/5/21 Dynamics Lab reviewed and floor drains were abandoned and filled with cement; drinking fountain NW pit connection could not be confirmed but no dye in creek, road or yard; 3/30/22 Krannert dock trench drain was dyed and confirmed storm pump so no correction needed. Due to COVID-19 restrictions, no student was hired to complete building drain plan reviews in the fall/winter 2021. However a new Maintenance CAD Operator has now been hired and a building review list established for 2022 summer/fall drain verification on CAD drawings and potential dye tests.	Compliant
C.3.2	Illicit Discharge Detection and Elimination	Detection/Elimination Prioritization Plan	Maintain septic system inventory and management program.	Update inventory and plan as changes occur.	The septic tank inventory was reviewed and updated with new systems and facility contacts.	Compliant
C.6.1	Illicit Discharge Detection and Elimination	Program Evaluation and Assessment	Develop annual report to Urbana-Champaign Sanitary District documenting illicit connections repaired.	Complete one annual report if repairs	University Facilities & Services Plumbers dye tested and found a floor drain illicit connection in Freer Hall 10D that required a reroute to sanitary and reported to the local sanitary district.	Compliant
C.7.1	Illicit Discharge Detection and Elimination	Visual Dry Weather Screening	Visual inspection of outfalls during dry weather.	Inspect storm outfalls along Boneyard Creek and Embarrass tributary, where accessible, once per year during dry weather periods.	Storm sewer outfalls were inspected by the Maintenance Department along the accessible campus areas of the Embarras tributary near Windsor and S. First St. on November 6, 2021. No major issues were found and litter cleanup occurred the same day. The Boneyard Creek was visually inspected on campus between 6th Street and Gregory on October 22, 2021. No major issues were found, however due to weather the litter cleanup occurred on November 6, 2021.	Compliant
C.10.2	Illicit Discharge Detection and Elimination	Other Illicit Discharge Controls	Maintain construction standard requiring new storm sewer inlets to have storm water protection warning.	Include standard in PSC contract bid documents.	The University Facility Standards/General Guidelines/Utilities/Storm Water Drainage Systems requires that all storm grates and curb inlets include a message similar to "Dump No Waste - Drains to River." Facility Standard reference is included in the Professional Services Consultant Agreements. https://fs.illinois.edu/resources/facilities-standards/general-guidelines/utilities	Compliant

Attachment A - Permit Cycle 3, Year 6 Storm Water Activity Report

BMP ID	BMP Category	BMP Subcategory	BMP Description	Year 6 Goal Milestone	Year 6 Activities	Year 6 Status
C.10.3	Illicit Discharge Detection and Elimination	Other Illicit Discharge Controls	Publicize and encourage spill reporting procedures	Maintain spill response link and posters.	The University Spill Response information posters are located in F&S buildings and in a building next to Boneyard Creek. University spill response procedures/posters are also on the Facility and Services, Safety and Compliance website. These provide guidance on what to look for and whom to contact. https://fs.illinois.edu/services/safety-and-compliance/about-the-program/events-and-outreach , there is also a "report a spill" option on all Safety & Compliance pages https://fs.illinois.edu/services/safety-and-compliance	Compliant
D.2.1	Construction Site Runoff Control	Erosion and Sediment Control BMPs	Pre-construction briefings for sites > 1 acre	Brief contractor and consultant before each applicable project.	The University Facilities & Services, Environmental Compliance attends and speaks with contractors and consultants at pre-construction meeting for projects that require a stormwater permit and SWPPP. Environmental Compliance also attends design meetings to work with consultants on the stormwater permit and SWPPP process. Email correspondence and project review also occurs.	Exceeded Goals
D.2.3	Construction Site Runoff Control	Erosion and Sediment Control BMPs	Organize Stormwater Management Team (SWMT) to monitor compliance at construction sites.	Meet annually to review project compliance.	Environmental Compliance meets/discusses issues with University Inspectors at pre-construction meetings and as needed throughout the year regarding construction site runoff control (SWPPP review process, inspections, violations, training).	Exceeded Goals
D.2.4	Construction Site Runoff Control	Erosion and Sediment Control BMPs	A/E must prepare SWPPP for project disturbing one acre or more	Maintain Facility Standard and continue to require A/E to prepare SWPPP.	The University requires the A/E to prepare SWPPPs as referenced in Facility Standards 31 25 00 Soil Erosion and Sedimentation Control. There were 10 projects permitted in this reporting period and currently 4 of those are still active SWPPPs at CERL, DIA Baseball & Softball Training Facilities, DIA Ubben Basketball and Feed Mill Demo. https://www.fs.illinois.edu/resources/facilities-standards/technical-sections	Compliant
D.4.1	Construction Site Runoff Control	Site Plan Review Procedures	Review SWPPPs and Erosion Control Plans	Review at least 75% of SWPPPs for projects > 1 acre	The University reviewed SWPPPs for 100% of projects that disturb one acre or more. There were 10 projects permitted in this reporting period and currently 4 of those are still active SWPPPs at CERL, DIA Baseball & Softball Training Facilities, DIA Ubben Basketball and Feed Mill Demo.	Compliant

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BMP ID	BMP Category	BMP Subcategory	BMP Description	Year 6 Goal Milestone	Year 6 Activities	Year 6 Status
D.5.1	Construction Site Runoff Control	Public Information Handling Procedures	Prepare construction site spill or illegal discharge reporting procedures and provide link at University homepage.	Maintain availability of procedures at web link.	The University spill reporting procedures link is on the Facilities & Services, Safety & Compliance homepage https://www.fs.illinois.edu/services/safety-and-compliance . There are also spill response posters and training material on the Safety & Compliance Events & Outreach page https://www.fs.illinois.edu/services/safety-and-compliance/about-the-program/events-and-outreach	Compliant
D.6.1	Construction Site Runoff Control	Site Inspection & Enforcement Procedures	Enforce contractor requirements associated with NPDES ILR10 permit, SWPPP, and Facility Standards.	1) Issue contract for each applicable project that explicitly states requirements and enforcement procedures; 2) Enforce compliance according to Erosion and Sedimentation Control Enforcement Program	Contracts were issued for all projects that required SWPPPs and compliance with NPDES General Permit ILR10. The University also has a construction Environmental Requirements Site Enforcement Program in their Facility Standard Section 01 35 43 https://www.fs.illinois.edu/resources/facilities-standards/technical-sections	Compliant
D.6.2	Construction Site Runoff Control	Site Inspection & Enforcement Procedures	Conduct construction site inspections.	1) Contractor inspect weekly and after 0.5 in rain 2) University inspect monthly	SWPPP contractor inspections are on-going weekly and after 0.5 inch rain. University inspectors complete inspections at least monthly and report potential issues every time they are on construction sites, typically more than once month.	Compliant
D.6.3	Construction Site Runoff Control	Site Inspection & Enforcement Procedures	Develop and implement procedures for handling reports of non-compliance	Implement Erosion and Sedimentation Control Enforcement Program. Retain Notice of Non-compliance.	The University incorporates the construction Environmental Requirements Site Enforcement Program and Progressive Enforcement Remedies into PSC bid/contract documents and Facility Standards 01 35 43. https://www.fs.illinois.edu/resources/facilities-standards/technical-sections . Facility Standard reference is also included in the Professional Services Consultant Agreements.	Compliant
E.2.1	Post-Construction Runoff Control	Regulatory Control Program	Update storm water management policies as needed (i.e. Facility Standards, Campus Administrative Manual, Illinois Climate Action Plan)	Review stormwater management policies and make recommendations for improvement.	Reviewed and maintained all applicable storm water management policies; CAM FO-65 policy & Facility Standards (General Guidelines/Utilities/Stormwater Drainage Systems, 01 35 43 Environmental Requirements Site Enforcement & 31 25 00 Soil Erosion and Sedimentation Control).	Compliant

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BMP ID	BMP Category	BMP Subcategory	BMP Description	Year 6 Goal Milestone	Year 6 Activities	Year 6 Status
E.3.1	Post-Construction Runoff Control	Long Term O&M Procedures	Evaluate feasibility of green infrastructure and low impact design for new or redeveloped properties taking into account climate change.	Evaluate rain garden or porous pavement possibilities for new or redeveloped lots.	Multiple groups on campus continue to evaluate feasibility of green infrastructure and low impact design strategies on campus. These include the Student Sustainability Committee, the Land and Water Sustainability Working Advisory SWATeam, the Illinois Climate Action Plan Working Group, and the Capital Programs Construction review process. Per the Facility and Services Standards, all construction projects involving stormwater improvements are required to incorporate green infrastructure and low impact design.	Compliant
E.4.1	Post-Construction Runoff Control	Pre-Construction Review of BMP Designs	Plant preservation walkthrough or design review during pre-construction site inspections.	Conduct pre-construction walkthrough or design review to Accomplish Plant Preservation.	The Campus Horticulturalist and Landscape Architect review project documents, perform walkthroughs and provide suggestions when needed on long term operation and maintenance of proposed development. With staff shortages, if they cannot go to every site they perform online GIS reviews and provide feedback on plant preservation.	Compliant
E.6.1	Post-Construction Runoff Control	Post-Construction Inspections	Inspect and maintain retention basins.	Inspect basins annually.	The University visits the campus Dorner Drive Retention basin daily (5 days/week) to inspect for immediate concerns and also performs an annual inspection in which they fill out a checklist. The last annual documented inspection occurred on 4-20-21.	Exceeded Goals
E.7.1	Post-Construction Runoff Control	Other Post-Construction Runoff Controls	Incorporate low impact design elements where applicable into Utility Program Statements in the project review process.	Incorporate Low Impact Development elements where applicable into Utility Program Statements in the project review process.	This was done for 100% of applicable projects. Utility Distribution is working with projects to incorporate low impact development elements and the Utility Program Statements include this in the design review process.	Compliant
F.1.1	Pollution Prevention/Good Housekeeping	Employee Training Program	Abbott Power Plant Facility Response Plan	Implement plan. Conduct training exercises.	The University has a Facility Response Plan for Abbott Power Plant which was updated in May 2021. The university conducted the FRP exercise on 11-2-2021 which included the following entities: F&S Service Office, F&S Spill Management Team, F&S Environmental Compliance, F&S Labor Shop, F&S Steam Distribution Staff, F&S Abbott Power Plant Staff, F&S Operators, City Champaign, Bodine Environmental Services, Champaign County, UI Public Safety, Illinois Environmental Protection Agency and Champaign Fire Department.	Compliant

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BMP ID	BMP Category	BMP Subcategory	BMP Description	Year 6 Goal Milestone	Year 6 Activities	Year 6 Status
F.1.2	Pollution Prevention/Good Housekeeping	Employee Training Program	Implement SPCC Plan	Implement and update SPCC Plan. Conduct annual training.	In 2021, the University SPCC Coordinator held two training sessions on December 7, 2021 and December 14, 2021 for Unit Coordinators/Discharge Prevention Managers. The SPCC Coordinators, in turn, trained their oil handling employees. The University tracks oil storage containers on campus as required by 40 CFR 112 SPCC regulations and currently has 7 facility plans. Updated SPCC plans in 2021 included the High Voltage Shop (August) and the Garage and Car Pool (November).	Compliant
F.1.3	Pollution Prevention/Good Housekeeping	Employee Training Program	Laboratory and Hazardous Material Training	Make training sessions available.	Calendar year 2021 chemical management training attendees include: Hazard Communication - 677 Chemical Safety: An Introduction - 1249 Laboratory Safety - 5493 MATSE – 300	Compliant
F.1.4	Pollution Prevention/Good Housekeeping	Employee Training Program	Pesticide Application Training	Annually review licensing. Provide annual training for all employees who apply pesticides.	The University Grounds crews follow Illinois Department of Agriculture Pesticide Applicator Training Manual Standards and Commercial Landscape and Turf grass Pest Management Handbook guidelines when applying pesticides. The University annually attends Dept. of Ag pesticide application training and must pass the exam. Currently 36 out of 40 employees in the Grounds department are licensed. The employees who apply pesticides are licensed.	Compliant
F.1.5	Pollution Prevention/Good Housekeeping	Employee Training Program	Annual employee training to prevent and reduce storm water pollution.	Perform annual training for project managers.	Annual storm water training was provided to the following Facilities & Services groups: Capital Programs on 3/29/22 and Construction Services on 3/30/22	Compliant
F.2.1	Pollution Prevention/Good Housekeeping	Inspection and Maintenance Program	Maintenance and repair programs for campus car, truck and heavy equipment pools.	Document procedures.	The University has a written Vehicle Maintenance Program and conducts annual employee training and inspections of all car, trucks and heavy equipment fleet pool vehicles. The inspection items include checking for oil and other fluid leaks. The University uses a checklist to document these inspections. In addition to the once year complete inspection, quarterly vehicles also receive oil changes and safety checks.	Compliant

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BMP ID	BMP Category	BMP Subcategory	BMP Description	Year 6 Goal Milestone	Year 6 Activities	Year 6 Status
F.3.1	Pollution Prevention/Good Housekeeping	Municipal Operations Stormwater Control	Storm sewer system and catch basin inspection and cleaning program.	Inspect and clean system as necessary.	The University has a written Storm Sewer Maintenance Program. This Program consisted of cleaning the storm sewers where complaints have been made as well as periodic repairs and maintenance. For the dates 4/1/2021-3/31/2022, there were 848 storm sewer system repair and 241 preventative maintenance Work Orders completed. These consisted of numerous storm sewer inlet repairs, cleaning clogged sewers, and the repair of campus storm sewers.	Compliant
F.3.2	Pollution Prevention/Good Housekeeping	Municipal Operations Stormwater Control	Sanitary sewer system and catch basin inspection and cleaning program.	Inspect and clean system as necessary.	The University has a written Sanitary Sewer Maintenance Program. For the dates 4/1/2021-3/31/2022, there were 274 sanitary sewer system repair Work Orders and 279 sanitary sewer system preventative maintenance Work Orders completed. These consisted of cleaning sanitary sewers, daily inspection of campus lift stations and pumps, monthly emergency generator inspections, and routine pump maintenance.	Compliant
F.4.1	Pollution Prevention/Good Housekeeping	Municipal Operations Waste Disposal	Hazardous waste management and pickup program.	Maintain and continue program. Record volume of waste picked up each year.	The University provides free hazardous waste pickup and disposal for all campus units. In the 2021 calendar year 250,584 pounds of hazardous waste was properly disposed of.	Compliant
F.4.2	Pollution Prevention/Good Housekeeping	Municipal Operations Waste Disposal	Provide recycling service at the Waste Transfer and Material Recovery Facility. Contain waste materials under cover to avoid contact with storm water.	Provide recycling service to main campus. Contain waste materials under cover at all times.	The University has recycling available in over 225 campus buildings. As such, nearly 95% of the campus population has recycling available to them. Wash downs go to the sanitary system at the Waste Transfer Station. By the end of each working day, the University compacts all putrescible wastes into enclosed semi trailers. Other wastes that need to be covered or enclosed such as lead acid batteries are done so daily.	Compliant
F.6.1	Pollution Prevention/Good Housekeeping	Other Municipal Operations Controls	Direct vehicle washing to sanitary sewer	Clean vehicles only at designated wash facility. Check and cleanout triple basin twice each year.	All vehicle washing took place in designated wash facilities. University Facilities & Services has a reoccurring 2 month WO 10854786 under the Garage and Car Pool asset 49163 (Floor Drains/Shop Drains and Triple Basin) for the Plumbers to rod the drains between the wash bay attached to the garage and the triple basins. The Plumbers also call the vender (currently Bergs) to inspect/clean out the basins twice a year. Bergs serviced the triple basins and oil water separator on: 4/1/21 and 9/22/21. The vehicle wash bay drain was also serviced on the same work orders as the basin.	Exceeded Goals

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BMP ID	BMP Category	BMP Subcategory	BMP Description	Year 6 Goal Milestone	Year 6 Activities	Year 6 Status
F.6.2	Pollution Prevention/Good Housekeeping	Other Municipal Operations Controls	Pesticide Use Policy	Explore options to develop an Integrated Pest Management policy. Record pesticide amounts applied. Operate Rinsate Facility in compliance with Illinois Department of Agriculture permit requirements.	April 1, 2021 through March 31, 2022 Facilities and Services Grounds Department applied 7000 pounds of granular fertilizer, 2500 pounds of granular fertilizer with confront weed control and 78 gallons of liquid weed control, 2000 pounds of Preen Plus pre-emerge herbicide was also used. 90 pounds of dylox insecticide was used to control grubs. No fungicide was used. The University operated the Pesticide Rinsate Facilities for F&S Grounds in accordance with the Illinois Department of Agriculture Lawncare Containment. The Pesticide Use Policy was combined with the Integrated Pest Management Plan and was completed in December 2018 with an update in February 2022 and is posted on the Facilities & Services website https://www.fs.illinois.edu/services/grounds/integrated-pest-management	Compliant
F.6.3	Pollution Prevention/Good Housekeeping	Other Municipal Operations Controls	Street sweeping	Sweep campus streets at least monthly between April and October.	University street sweeping occurs through agreement with the Cities of Champaign and Urbana. They provide removal of trash, sediment and leaves from University Streets on a monthly basis and for special events. Urbana swept University street 9 times over the last year.	Compliant
F.6.4	Pollution Prevention/Good Housekeeping	Other Municipal Operations Controls	Parking deck cleaning	Sweep parking decks weekly. Clean out triple basin when 1/3 full of sediment.	The University swept the five parking decks twice each week. These include: C-7, C-10, B-4, F-29 and KCPA. Annually, the University checks the triple basins water and sediment levels. Six locations (13 basins) were checked on 5-28-21 and 7-5-21, none needed cleaned out.	Exceeded Goals
F.6.5	Pollution Prevention/Good Housekeeping	Other Municipal Operations Controls	Emergency response contractor continuing purchase order	Ensure that contractor is available 24 hours to assist with spill response.	The University maintained a valid contract with Bodine Environmental (who now operates under Enviroserve) for emergency response services. They are available 24 hours to assist with spill response.	Compliant
F.6.6	Pollution Prevention/Good Housekeeping	Other Municipal Operations Controls	Salt/Sand Use Management Plan	Identify current salt/de-icing storage locations and ensure proper storage. Implement annual training program for Facility and Services employees responsible for applying salt/de-icing materials. Explore options to develop a salt/sand use management plan.	Salt application operators undergo annual refresher training prior to the deicing season, usually in the month of October. Salt storage is located inside a covered structure/shed at the Physical Plant Services Building to minimize storm water pollutant runoff. Salt application is controlled by automated systems located on two of the four University salt application vehicles. This system is programed by the supervisor and limits controls by the operator. A toolbox talk has been developed and updated for Facilities and Services staff that perform de-icing activities.	Compliant

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BMP ID	BMP Category	BMP Subcategory	BMP Description	Year 6 Goal Milestone	Year 6 Activities	Year 6 Status
F.6.7	Pollution Prevention/Good Housekeeping	Other Municipal Operations Controls	Contractor training to prevent and reduce storm water pollution.	Perform annual training for project managers/contractors.	Annual storm water training was provided to the following Facilities & Services groups: Capital Programs on 3/29/22 and Construction Services on 3/30/22. These individuals manage construction projects and contractors. Environmental Compliance also attended pre-construction meetings with contractors to discuss erosion control, spill reporting and SWPPP requirements. These items along with green infrastructure and low impact design techniques, are also communicated to the project AE through the use of the Environmental Checklist and project design meetings. The University also maintains rules in our Facility Standards to reduce pollution.	Exceeded Goals

Attachment B

Permit Cycle 3, Year 7 Proposed NPDES Storm Water BMPs

Cycle 3 Year 7 Proposed BMPs

BMP ID	BMP Category	BMP Subcategory	BMP Description	Year 7 Goal Milestone
A.1.1	Public Education and Outreach	Distribute Paper Material	Stormwater fact sheet and posters on Safety & Compliance Website	Post materials
A.1.2	Public Education and Outreach	Distribute Paper Material	Release community event information/press release	Distribute community event information
A.1.3	Public Education and Outreach	Distribute Paper Material	Stormwater Website	Continue updating website
A.2.2	Public Education and Outreach	Speaking Engagement	Information presentation or information booth.	Make one presentation or staff one booth
A.3.1	Public Education and Outreach	Public Service Announcement	Social media, radio, television and internet announcements	Broadcast or publish one PSA
A.4.1	Public Education and Outreach	Community Event	Biennial Green Infrastructure Conference	Plan conference for 2023
B.1.1	Public Participation & Involvement	Public Panel	Participation by the campus community and students in campus storm water initiatives (i.e. Illinois Climate Action Plan, Sustainable Working Advisory Teams, Student Sustainability Committee)	Continue to involve the campus community and students in the various storm water initiative groups on campus
B.3.1	Public Participation & Involvement	Stakeholder Meeting	Meet with stakeholder group	Meet once
B.4.1	Public Participation & Involvement	Public Hearing	Provide opportunity for public input on the Storm Water Program including discussion of EJ areas within MS4 jurisdiction.	Conduct annual public meeting

Cycle 3 Year 7 Proposed BMPs

B.6.1	Public Participation & Involvement	Program Involvement	Quarterly MS4 Committee meetings	Meet four times
B.7.1	Public Participation & Involvement	Other Public Involvement	Sponsor one campus cleanup event annually.	Sponsor one campus cleanup event annually
C.1.1	Illicit Discharge Detection and Elimination	Sewer Map Preparation	Update GIS Storm Sewer System Map as changes occur.	Update GIS Storm Sewer System Map as changes occur
C.2.1	Illicit Discharge Detection and Elimination	Regulatory Control Program	Prohibit illegal discharges to storm sewer system	Prohibition in Campus Administrative Manual
C.3.1	Illicit Discharge Detection and Elimination	Detection/Elimination Prioritization Plan	Investigate priority areas likely to have illicit discharges.	Investigate campus building drains/Develop dye test and drain labeling and/or repair list
C.3.2	Illicit Discharge Detection and Elimination	Detection/Elimination Prioritization Plan	Maintain septic system inventory and management program.	Update inventory and plan as changes occur
C.6.1	Illicit Discharge Detection and Elimination	Program Evaluation and Assessment	Develop annual report to Urbana-Champaign Sanitary District documenting illicit connections repaired.	Complete one annual report if needed
C.7.1	Illicit Discharge Detection and Elimination	Visual Dry Weather Screening	Visual inspection of outfalls during dry weather.	Inspect storm outfalls along Boneyard Creek and Embarrass tributary (where accessible) once per year during dry weather periods
C.10.2	Illicit Discharge Detection and Elimination	Other Illicit Discharge Controls	Maintain construction standard requiring new storm sewer inlets to have storm water protection warning.	Include standard in PSC contract bid documents

Cycle 3 Year 7 Proposed BMPs

C.10.3	Illicit Discharge Detection and Elimination	Other Illicit Discharge Controls	Publicize and encourage spill reporting procedures	Maintain spill response link and posters
D.2.1	Construction Site Runoff Control	Erosion and Sediment Control BMPs	Pre-construction briefings for sites > 1 acre	Brief contractor and consultant before each applicable project
D.2.3	Construction Site Runoff Control	Erosion and Sediment Control BMPs	Organize Stormwater Management Team (SWMT) to monitor compliance at construction sites	Meet annually to review project compliance
D.2.4	Construction Site Runoff Control	Erosion and Sediment Control BMPs	A/E must prepare SWPPP for project disturbing one acre or more	Maintain Facility Standard and continue to require A/E to prepare SWPPP
D.4.1	Construction Site Runoff Control	Site Plan Review Procedures	Review SWPPPs and Erosion Control Plans	Review at least 75% of SWPPPs for projects > 1 acre
D.5.1	Construction Site Runoff Control	Public Information Handling Procedures	Prepare construction site spill or illegal discharge reporting procedures and provide link at University homepage.	Maintain availability of procedures at web link
D.6.1	Construction Site Runoff Control	Site Inspection & Enforcement Procedures	Enforce contractor requirements associated with NPDES ILR10 permit, SWPPP, and Facility Standards.	1) Issue contract for each applicable project that explicitly states requirements and enforcement procedures; 2) Enforce compliance according to Erosion and Sedimentation Control Enforcement Program
D.6.2	Construction Site Runoff Control	Site Inspection & Enforcement Procedures	Conduct construction site inspections.	1) Contractor inspect weekly and after 0.5 in rain at SWPPP sites 2) University inspect monthly at SWPPP sites

Cycle 3 Year 7 Proposed BMPs

D.6.3	Construction Site Runoff Control	Site Inspection & Enforcement Procedures	Develop and implement procedures for handling reports of non-compliance	Implement Erosion and Sedimentation Control Enforcement Program. Retain Notice of Non-compliance.
E.2.1	Post-Construction Runoff Control	Regulatory Control Program	Update storm water management policies as needed (i.e. Facility Standards, Campus Administrative Manual, Illinois Climate Action Plan).	Review stormwater management policies and make recommendations for improvement.
E.3.1	Post-Construction Runoff Control	Long Term O&M Procedures	Evaluate feasibility of green infrastructure and low impact design for new or redeveloped properties taking into account climate change.	Evaluate rain garden or porous pavement possibilities for new or redeveloped lots.
E.4.1	Post-Construction Runoff Control	Pre-Construction Review of BMP Designs	Plant preservation walkthrough or GIS review during pre-construction site inspections.	Conduct walk-through or GIS review for each development and redevelopment.
E.6.1	Post-Construction Runoff Control	Post-Construction Inspections	Inspect and maintain retention basins.	Inspect basins annually.
E.7.1	Post-Construction Runoff Control	Other Post-Construction Runoff Controls	Incorporate low impact design elements where applicable into Utility Program Statements in the project review process.	Incorporate Low Impact Development elements where applicable into Utility Program Statements in the project review process.
F.1.1	Pollution Prevention/Good Housekeeping	Employee Training Program	Abbott Power Plant Facility Response Plan	Implement plan. Conduct training exercises.

Cycle 3 Year 7 Proposed BMPs

F.1.2	Pollution Prevention/Good Housekeeping	Employee Training Program	Implement SPCC Plans	Implement and update SPCC Plans. Conduct annual training.
F.1.3	Pollution Prevention/Good Housekeeping	Employee Training Program	Laboratory and Hazardous Material Training	Make training sessions available.
F.1.4	Pollution Prevention/Good Housekeeping	Employee Training Program	Pesticide Application Training	Annually review licensing. Provide annual training for all employees who apply pesticides.
F.1.5	Pollution Prevention/Good Housekeeping	Employee Training Program	Annual employee training to prevent and reduce storm water pollution.	Perform annual training for project managers.
F.2.1	Pollution Prevention/Good Housekeeping	Inspection and Maintenance Program	Maintenance and repair programs for campus car, truck and heavy equipment pools.	Maintain programs and document procedures.
F.3.1	Pollution Prevention/Good Housekeeping	Municipal Operations Stormwater Control	Storm sewer system and catch basin inspection and cleaning program.	Inspect and clean system as necessary.
F.3.2	Pollution Prevention/Good Housekeeping	Municipal Operations Stormwater Control	Sanitary sewer system and catch basin inspection and cleaning program.	Inspect and clean system as necessary.
F.4.1	Pollution Prevention/Good Housekeeping	Municipal Operations Waste Disposal	Hazardous waste management and pickup program.	Maintain and continue waste program. Record volume of waste picked up each year.
F.4.2	Pollution Prevention/Good Housekeeping	Municipal Operations Waste Disposal	Provide recycling service at the Waste Transfer and Material Recovery Facility. Contain waste materials under cover to avoid contact with storm water.	Provide recycling service to main campus. Contain waste materials under cover at all times.

Cycle 3 Year 7 Proposed BMPs

F.6.1	Pollution Prevention/Good Housekeeping	Other Municipal Operations Controls	Direct vehicle washing to sanitary sewer	Clean vehicles only at designated wash facility. Check and cleanout triple basin twice each year.
F.6.2	Pollution Prevention/Good Housekeeping	Other Municipal Operations Controls	Pesticide Use Policy	Review and make updates as necessary to Pesticide Management Policy. Record pesticide amounts applied. Operate Rinsate Facilities in compliance with Illinois Department of Agriculture permit requirements.
F.6.3	Pollution Prevention/Good Housekeeping	Other Municipal Operations Controls	Street sweeping	Sweep campus streets at least monthly between April and October.
F.6.4	Pollution Prevention/Good Housekeeping	Other Municipal Operations Controls	Parking deck cleaning	Sweep parking decks weekly. Clean out triple basin when 1/3 full of sediment.
F.6.5	Pollution Prevention/Good Housekeeping	Other Municipal Operations Controls	Emergency response contractor continuing purchase order	Ensure that contractor is available 24 hours to assist with spill response.
F.6.6	Pollution Prevention/Good Housekeeping	Other Municipal Operations Controls	Salt/Sand Use Management Plan	Verify proper salt/de-icing storage. Implement annual training program for Facility and Services employees responsible for applying salt/de-icing materials. Review salt/sand use policy and update as necessary.
F.6.7	Pollution Prevention/Good Housekeeping	Other Municipal Operations Controls	Contractor training to prevent and reduce storm water pollution.	Maintain Environmental Compliance line item on all pre-construction meeting agendas, maintain LEED building requirements and attend pre-construction meetings for projects requiring a SWPPP.

Attachment C

Permit Cycle 3, Year 6 Changes To BMPs

Attachment C - Permit Cycle 3 Year 6 BMP Changes

BMP ID	BMP Category	BMP Subcategory	BMP Description	Measurable Goal Milestone	BMP Changes	Justification
NA						