

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
ANNUAL FACILITY INSPECTION REPORT

April 1, 2020

N.P.D.E.S. PHASE II PERMIT FOR STORMWATER DISCHARGES

from

MUNICIPAL SEPARATE STORM SEWER SYSTEMS

**Champaign County, Illinois**  
**NPDES Permit No. ILR40 00256**

**REPORTING PERIOD:**

Year 1 is April 1, 2019 to March 31, 2020

**MS4 OPERATOR INFORMATION:**

County of Champaign, Illinois  
Brookens Administrative Center  
1776 East Washington Street  
Urbana, IL 61802  
Contact person: John Hall, Director of Planning and Zoning

**GOVERNMENTAL ENTITY IN WHICH MS4 IS LOCATED:**

Champaign County, Illinois

**INTRODUCTION**

Champaign County was identified as a small Municipal Separate Storm Sewer System (MS4) in March 2003 as part of the expanded Phase II of the National Pollutant Discharge Elimination System (NPDES) Storm Water Program.

Mandated by Congress under the Clean Water Act, the NPDES Storm Water Program is a comprehensive two-phased national program for addressing the non-agricultural sources of storm water discharges which adversely affect the quality of our nation's waters. The Clean Water Act prohibits anybody from discharging pollutants through a point source into a water of the United States unless they have an NPDES permit. A point source is any discernible, confined and discrete conveyance, such as a pipe, ditch, channel, or container.

Phase II required small MS4s in urbanized areas to obtain NPDES permits and implement six minimum control measures by using selected best management practices (BMPs).

Urbanized areas are delineated by the Census Bureau and are defined as a central place or places and the adjacent densely settled surrounding area, that together have a residential population of at least 50,000 people and an overall population density of at least 500 people per square mile. Only about 10 square miles (about 1%) of the approximately 1,000 square miles that make up Champaign County are included in the urbanized area (see the attached map).

Champaign County is not a municipality but the regulatory definition of MS4 also includes any County owned roads with a drainage system. County Highway roadside ditches are currently the only point source discharges in the urbanized area maintained by Champaign County.

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Champaign County must maintain compliance with the MS4 requirements of the NPDES Storm Water Program. MS4 compliance requires that an updated Notice of Intent (NOI) be on file at all times with the Illinois Environmental Protection Agency (IEPA). The NOI must explain which best management practices Champaign County will use to implement the six required minimum control measures. The six required minimum control measures are the following:

- **Public Education and Outreach.** Selected BMPs should educate the public on the various ways to reduce storm water pollution.
- **Public Participation and Involvement.** Selected BMPs should involve the public in developing, implementing, and reviewing MS4 best management practices.
- **Illicit Discharge Detection and Elimination.** Selected BMPs should identify improper discharges and spills to drainage systems and include enforcement mechanisms.
- **Construction Site Runoff Control.** Selected BMPs should enable construction site operators (builders and MS4s) to manage storm water runoff to reduce pollution.
- **Post-Construction Runoff Control.** Selected BMPs should enable property owners (developers and MS4s) to manage storm water runoff to reduce pollution from a site after construction activities have ended.
- **Pollution Prevention and Good Housekeeping.** Selected BMPs should enable the MS4 entity to minimize pollution from its own property and facilities by reducing pollution from streets, parking lots, open spaces and storage and vehicle maintenance areas and is discharged into local waterways or that results poor maintenance of storm sewer systems.

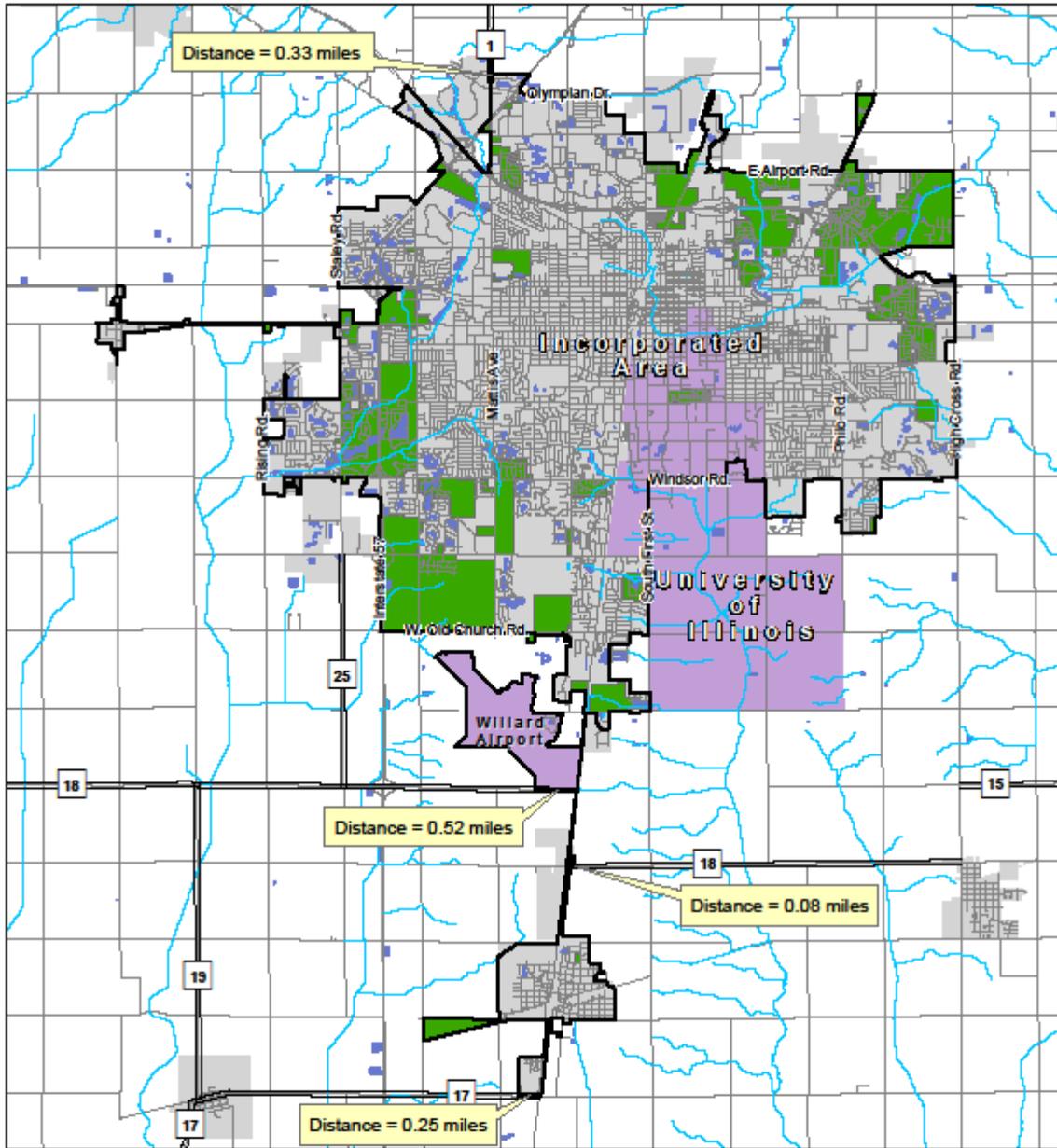
Champaign County has worked in cooperation with the other MS4s in the Champaign County Urbanized Area to share costs and expertise and common efforts to develop a regional consistency towards fulfilling the NPDES Phase II MS4 requirements.

Champaign County has sought to develop a plan suited to the MS4 requirements but also tailored to the abilities of an Illinois county. The NPDES Phase II MS4 requirements were included as a formal County land use policy in the Champaign County Land Resource Management Plan that was adopted in April 2010.

Champaign County filed a fourth NOI with IEPA to include the five-year period of April 1, 2019 to March 31, 2024. This document serves as the annual report for Year 1 activities.

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**Champaign County MS4 Jurisdiction**

Urbanized Area based on the 2010 Census

This map shows the defined MS4 jurisdiction including 10.4 square miles of unincorporated County. Location and size of County stormwater facilities are noted (Ex: Distance = 0.25 miles).

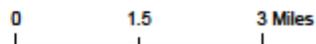
Corporate Limits updated 5/5/17

**MS4 Related Boundaries**

-  Urbanized Area 2010
-  Streets
-  County MS4 Area 2012



Map Created  
7/17/14



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## **B.M.P. MONITORING AND ASSESSMENT PROGRAM**

Effective 3/1/16, each Small MS4 is required to implement a monitoring and assessment program to evaluate the effectiveness of selected best management practices (BMPs) at reducing pollutant loadings and water quality impacts. The monitoring and assessment program may include evaluation of BMPs and/or direct water quality monitoring, at the discretion of each Small MS4, but the program should be tailored to the size and characteristics of the Small MS4 and the relevant watershed.

### **Outfall/ Discharge Monitoring and Physical Stream Assessment**

The Champaign County Unincorporated MS4 will collaborate with the municipal MS4 jurisdictions in Champaign County in developing a monitoring and assessment program for the Champaign County Unincorporated MS4 that matches as closely as possible the municipal MS4 monitoring and assessment programs. Municipal MS4 agencies in the Champaign-Urbana Urbanized Area rely on a combination of outfall/discharge monitoring and assessment of physical/habitat characteristics such as stream bank erosion caused by storm water discharges.

Methods and practices used for the Champaign County Unincorporated MS4 Monitoring and Assessment program will be based on municipal MS4 practices and methods as much as possible and will be supplemented as necessary by practices described in the following documents:

- *Illicit Discharge Detection and Elimination A Guidance Manual for Program Development and Technical Assessments*, published by the Center for Watershed Protection and Robert Pitt, University of Alabama, October 2004.
- *UNIFIED STREAM ASSESSMENT: A USER'S MANUAL Version 2.0, Urban Subwatershed Restoration Manual No. 10*, published by the Center for Watershed Protection, February 2005.
- *Stream Visual Assessment Protocol*, published by the United States Department of Agriculture Natural Resources Conservation Service National Water and Climate Center, Technical Note 99-1, December 1998.

### **Justification**

The unincorporated Champaign County MS4 Area is highly interconnected with the municipal MS4 Area and using the same (or nearly the same) monitoring and assessment (M&A) methods to evaluate the effectiveness of storm water best management practices (BMPs) in the unincorporated MS4 Area may help minimize the overall costs of implementing and conducting the M&A program in the unincorporated MS4 Area; and should eliminate confusion that could otherwise result if a different approach were used than is used in the municipal MS4s; and may provide a more accurate overall understanding of the effectiveness of BMPS for the entire Champaign County urbanized area.

The *Unified Stream Assessment* (USA) is a continuous stream walk method that systematically evaluates stream conditions and that can be applied to both rural and urban streams. Staff can perform the USA with relatively minimal training. USA protocols should be adapted to meet agency needs and skills and to address regional stream conditions.

The USA includes specific protocols and model forms for documenting the assessments of Storm Water Outfalls and Severe Bank Erosion. The USA assessment for Storm Water Outfalls is very similar to the Outfall Reconnaissance Inventory (ORI) used in *Illicit Discharge Detection and Elimination*. Including ORI methods in the USA Storm Water Outfall assessments can improve the overall assessment of storm water outfalls and discharges.

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Severe bank erosion caused by storm water discharges can be accurately identified only after identifying the average erosion condition for that particular stream reach. The USA includes a Reach Level Assessment to characterize overall conditions within each reach of the stream. Guidance is included in the USA assessment of Severe Bank Erosion to help identify locations with more severe erosion. The *Stream Visual Assessment Protocol (SVAP)* also provides useful additional guidance for making the assessment of Severe Bank Erosion.

The USA protocols assume identification of uniform stream reaches. Stream reaches will be identified and mapped prior to actual field investigations. During the field investigation the various stream reaches will be identified using GIS locators. Standard worksheets will be completed for each reach for the entire length of stream in the MS4 Area. Streams (miles) to be assessed are as follows:

- Vermilion Watershed:
  - Saline Branch Drainage Ditch (3.2 miles)
  
- Upper Kaskaskia Watershed:
  - Copper Slough (1.6 miles)
  - Phinney Branch (1.1miles)
  
- Upper Embarras Watershed
  - an unnamed tributary near Lake Park (.6 mile).

Gaining access to streams in the unincorporated MS4 Area will be a significant challenge because all the streams are on private property.

Annual monitoring is planned to occur during August through October. Annual monitoring will note the conditions for the current year and identify changes from previous years. The results will be reported in the Annual Update.

Follow up investigations may be necessary based on observed changes.

Outfalls were identified per the IEPA 4/22/16 Acceptance of Response to Noncompliance Advisory Letter. Champaign County will initiate its own monitoring of relevant portions of the Saline Branch in Year 2.

**SELF-ASSESSMENT OF PERMIT COMPLIANCE**

Tables 1 through 6 summarize Champaign County Unincorporated MS4 Storm Water Program activities from April 1, 2019 through March 31, 2020. Table 7 identifies BMPs that were started and still in progress and Table 8 identifies BMPs still pending.

**Table 1: Public Education and Outreach Activities 4/1/19 – 3/31/20**

BMP ID	Activities
A.1.1. - Flyers and information sheets at permit counter.	Handouts are displayed and available at Planning and Zoning permit counter.
A.2.1. - Inform business groups about MS4, NPDES, and BMPs.	No requests for presentations about MS4, NPDES and BMPs were made from business groups.
A.2.2. - Inform developer, contractor, engineering, and architecture groups about MS4, NPDES, and BMPs.	Champaign County Stormwater Partnership (CCSP) held a conference on July 12, 2019.
A.2.3. - Inform environmental groups about MS4, NPDES, and BMPs.	No requests for presentations about MS4, NPDES and BMPs were made from environmental groups.
A.6.1. - Educational and informational material on web page.	The MS4 Annual Facility Inspection Report was posted to the County website and to the collaborative MS4 website the Champaign County Stormwater Partnership ( <a href="http://www.ccstormwater.org">www.ccstormwater.org</a> ).

**Table 2: Public Participation and Involvement Activities 4/1/19 – 3/31/20**

BMP ID	Activities
B.4.1. - Comply with applicable state and local public notice requirements.	All public hearings and meetings are noticed as required by state law and local ordinances and policies.
B.6.1. - Intergovernmental Storm Water Management group meetings (coordination meeting for all Champaign County MS4 jurisdictions).	During the program year County staff attended and participated in meetings with other MS4 jurisdictions on June 11, 2019; September 10, 2019; December 10, 2019; March 10, 2020.
B.6.2. - Prepare a storm water survey that can be used annually to capture public comment on the MS4 Storm Water Program.	The MS4 Storm Water Survey is on the County website at <a href="https://docs.google.com/forms/d/e/1FAIpQLSd5hbzMASGpKgPWU3kr8gmQJ-w0ZorXoCFWUddjbMyI8P3Mg/viewform?c=0&amp;w=1">https://docs.google.com/forms/d/e/1FAIpQLSd5hbzMASGpKgPWU3kr8gmQJ-w0ZorXoCFWUddjbMyI8P3Mg/viewform?c=0&amp;w=1</a>
B.6.3. - Hold Annual Public Storm Water Meeting at the Champaign County Board’s Environment and Land Use Committee (ELUC) Meeting to receive public comments regarding the Champaign County Unincorporated MS4 Area Storm Water Program.	The Annual Public Storm Water Meeting at the Champaign County Board’s Environment and Land Use Committee (ELUC) Meeting was held on May 9, 2019.
B.6.4. - Identify Environmental Justice areas within the Unincorporated Champaign County MS4 Area and provide appropriate public participation.	In April 2019 a random sample survey of the EJ population was conducted using the Champaign County Unincorporated MS4 Area Storm Water Survey with a postage-paid reply envelope. The results of that survey will be reviewed at the May 7, 2020 meeting of the Champaign County Board’s Environment and Land Use Committee (ELUC) and will be reported in the Annual Facility Inspection Report for Year 2.
B.7.1. – Fund aspects of NPDES MS4 implementation in the County’s Land Resource Management Plan implementation budget including public involvement when appropriate.	Funding for MS4 projects were included in the Work Plan for 2020.

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**Table 3: Illicit Discharge Detection and Elimination Activities 4/1/19 – 3/31/20**

BMP ID	Activities
C.1.1. - Map drainage system outfalls into streams and rivers.	The up to date storm sewer system map for the unincorporated Champaign County MS4 Area is mapped to 100% completion including the storm sewer system map for County Highways outside the MS4 Area.
C.3.1. - Establish and maintain citizen complaint phone line for illegal dumping and illicit discharges into drainage systems.	The Department of Planning and Zoning phone line is maintained for citizen complaints regarding illegal dumping and illicit discharges.
C.3.2. - Establish citizen complaint phone line for non-complying and/or non-functioning private sewage treatment systems.	The Department of Planning and Zoning phone line is maintained for citizen complaints regarding non-complying and/or non-functioning private sewage treatment systems.
C.6.1. - Annual Report to the Environment and Land Use Committee (ELUC) of the Champaign County Board.	The MS4 Annual Report was prepared and presented to the Environment and Land Use Committee (ELUC) on May 9, 2019 and approved by the Champaign County Board on May 23, 2019.

**Table 4: Construction Site Runoff Control Activities 4/1/19 – 3/31/20**

BMP ID	Activities
D.1.1. - Soil erosion and sediment control regulations.	Soil erosion and sediment control regulations in the Champaign County Storm Water Management and Erosion Control Ordinance were enforced for all Land Disturbance Erosion Control (LDEC) Permits.
D.2.1. - Erosion and sediment control BMPs.	All Land Disturbance Erosion Control (LDEC) Permits were reviewed for use of appropriate BMPs.
D.4.1. - Develop processes and procedures to evaluate proposed construction site runoff mechanisms.	Procedures to evaluate proposed construction site runoff mechanisms are refined in the review of LDEC Permits.
D.4.2. - Training class or workshop for evaluating and inspecting construction site runoff control mechanisms.	No training occurred in Year 1.
D.6.1. - Develop procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.	Procedures were refined as more experience was gained in the review of LDEC Permits.

**Table 5: Post-Construction Runoff Control Activities 4/1/19 – 3/31/20**

BMP ID	Activities
E.3.3. - Provide annual training in green infrastructure and/or low impact design techniques for all MS4 employees who manage or are directly involved in (or who retain others who manage or are directly involved in) the routine maintenance, repair, or replacement of public exterior surfaces. Require that contractors who are retained to manage or carry out the kinds of maintenance and relevant contractor employees also have annual training.	No training occurred in Year 1.
E.4.1. - Training class or workshop for evaluating and inspecting construction site runoff control mechanisms (post-construction).	No training occurred in Year 1.

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**Table 6: Pollution Prevention / Good Housekeeping Activities 4/1/19 – 3/31/20**

BMP ID	Activities
F.1.2. - Spill Response Protocol.	The Champaign County Emergency Management Agency (CCEMA) conducted or participated in the following training in the program year: May 2019: Midwest Emergency Preparedness Conference May 2019: FEMA Table-Top Exercise Hazardous Materials Rail September 2019: IEMA Summit Hazardous Materials on Rail Session November 2019: Exxon Pipeline Spill Table-Top Exercise January 2020: Area Pipeline Awareness Training
F.1.3. - Hazardous material and storage management training.	All relevant hazardous materials storage and handling reviewed with Facilities Director.

**Table 7: BMPs in Progress**

BMP ID	Status
C.2.1. - Prohibit illegal dumping and illicit discharges into drainage system through Nuisance Ordinance.	Preliminary Ordinance language has been drafted regarding illegal dumping and illicit discharges into drainage systems but was not adopted in the program year.
C.3.3. - Create a database of existing private sewage treatment systems and develop management plan to bring non-compliant systems into compliance.	Records of private sewage treatment systems obtained from Public Health Department, GIS database is under development.
D.3.1. - Prohibit illegal dumping and illicit discharges into storm drainage system from construction activities.	The Storm Water Management and Erosion Control Ordinance includes a prohibition of illegal dumping and illicit discharges from construction activities. Preliminary Nuisance Ordinance language has been drafted regarding illegal dumping and illicit discharges into drainage systems but has not yet been adopted.
E.3.1. - Develop procedures to ensure that storm water management facilities are maintained to function as designed (post-construction).	The Storm Water Management and Erosion Control Ordinance requires ongoing maintenance of storm water management facilities.
E.5.1. - Develop procedures and processes to inspect construction sites for compliance with post-construction runoff control mechanisms.	The Storm Water Management and Erosion Control Ordinance requires “as-built” documentation.

**Table 8: BMPs Pending**

BMP ID	Explanation of Pending Status
E.1.1. - Implement a public education program about the benefits of green infrastructure and green housekeeping in minimizing the volume of storm water runoff and pollutants from privately-owned developed property.	The BMP was not completed in the program year.
E.1.2. - Implement a public education program about the water quality impacts of overuse of fertilizers and pesticides in non-agricultural uses.	The BMP was not completed in the program year.
E.2.1. - Require annual inspections of publicly owned storm water management facilities (post-construction).	Expected to be included in the SWPPP to be developed in 2020.
F.1.1. - Spill prevention protocol.	Undetermined due to lack of coordination within County Departments. Expected to be established with the development of the SWPPP.
F.2.1. - Prepare a Storm Water Pollution Prevention Plan (SWPPP) for County owned facilities.	SWPPP expected to be completed in 2020.

## **CHANGES TO BEST MANAGEMENT PRACTICES**

Attachment A summarizes that there were no proposed changes to the BMPs during the reporting year.

## **STATUS OF COMPLIANCE**

Attachment B reviews the status of compliance for all BMPs.

## **INFORMATION COLLECTED AND ANALYZED IN YEAR 1**

Attachment C summarizes that there were no observations or reports made or received during the reporting year.

## **STORMWATER PROGRAM ACTIVITIES PROPOSED FOR NEXT PROGRAM YEAR APRIL 1, 2020 – MARCH 31, 2021**

The activities proposed for next Program Year April 1, 2020 – March 31, 2021 are summarized in Attachment D.

## **RELIANCE ON OTHER GOVERNMENTAL ENTITY**

Champaign County does and will continue to participate in and share resources with the Cooperative MS4 Group; however, it does not rely on another governmental entity to satisfy its permit obligations.

## **YEAR 1 CONSTRUCTION PROJECTS**

Champaign County construction projects may be authorized under the Facilities Department or the Highway Department.

Projects and details of Highway Construction Projects are provided in Table 9.

There was one project with land disturbance due to construction authorized under the Facilities Department in program year 4/1/19- 3/31/20 and it is in Table 10.

## **ATTACHMENTS**

- A Changes to Best Management Practices
- B Status of Compliance with N.P.D.E.S. Permit Conditions for Year 1
- C Information Collected for Year 1
- D Proposed NPDES Permit Activities for next Program Year April 1, 2020 - March 31, 2021
- E Champaign County Unincorporated MS4 Area Storm Water Survey Results April 2019

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**Table 9: Highway Construction Projects<sup>1</sup> from April 1, 2019 through March 31, 2020**

Section Number	Road District	Project Type	Area of Disturbance	Status
15-21440-00-SP	Raymond Twp.	Railroad Crossing	<1 acre	Completed
16-00444-00-SP	Champaign County	Guardrail Replacement	>1 acre	Completed
18-00449-00-RS	Champaign County C.H. 19	Culvert Replacement	<1 acre	Completed
18-27001-00-RS	St. Joseph Twp.	Resurfacing Pavement	None	Completed
18-30449-00-RS	Champaign County C.H. 9	Resurfacing Pavement	>1 acre	Completed
18-00060-00-BR	Champaign County C.H. 18	Bridge Replacement	<1 acre	Completed
18-00061-00-BR	Champaign County C.H. 17	Bridge Replacement	<1 acre	Completed
18-00062-00-BR	Champaign County C.H. 15	Bridge Replacement	<1 acre	Completed
18-00065-00-BR	Champaign County C.H. 9	Bridge Replacement	<1 acre	Completed
14-00438-00-RS	Champaign County C.H. 23	Resurfacing Pavement	>1 acre	Completed
19-23000-00-RS	St. Joseph Twp.	Resurfacing Pavement	None	Completed
18-15063-00-BR	Mahomet Twp.	Bridge Replacement	<1 acre	Expected completion in 2020
18-00451-00-SP	Champaign County C.H. 15	Resurfacing Pavement	<1 acre	Expected completion in 2021
18-02064-00-BR	Brown Township	Culvert Replacement	<1 acre	Completed
19-07066-00-BR	Condit Township	Culvert Replacement	<1 acre	Completed
19-01067-00-BR, 19-01068-00-BR, 19-01069-00-BR, 19-01070-00-BR	Ayers Township	Bridge Repair	<1 acre	Completed
19-25071-00-BR	Somer Township	Culvert Replacement	<1 acre	Completed
19-20072-00-BR	Rantoul Township	Culvert Replacement	<1 acre	Completed
19-21073-00-BR	Raymond Township	Culvert Replacement	<1 acre	Completed
19-00074-00-BR, 19-00075-00-BR	Champaign County	Bridge Repair	<1 acre	Completed
19-06076-00-BR	Compromise Township	Culvert Replacement	<1 acre	Completed
19-00077-00-BR	Champaign County C.H. 13	Bridge Replacement	<1 acre	Completed
19-13078-00-BR	Kerr Township	Culvert Replacement	<1 acre	Completed
19-27079-00-BR	St. Joseph Township	Bridge Repair	<1 acre	Completed
19-00080-00-BR	Champaign County C.H. 11	Bridge Replacement	<1 acre	Completed
19-29081-00-BR	Tolono Township	Bridge Replacement	<1 acre	Completed
19-11082-00-BR, 19-11083-00-BR	Harwood Township	Culvert Replacement	<1 acre	Completed

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20-01084-00-BR	Ayers Township	Culvert Replacement	<1 acre	Completed
20-25085-00-BR	Somer Township	Culvert Replacement	<1 acre	Completed
20-00086-00-BR	Champaign County C.H. 32	Bridge Replacement	<1 acre	Completed
20-000-87-00-BR	Champaign County	Bridge Repair	<1 acre	Completed
20-22088-00-BR, 20-22089-00-BR	Sadorus Township	Bridge Repair	<1 acre	Completed
20-28090-00-BR	Stanton Township	Culvert Replacement	<1 acre	Completed
20-05091-00-BR, 20-05092-00-BR	Colfax Township	Bridge Repair	<1 acre	Completed
20-06093-00-BR	Compromise Township	Culvert Replacement	<1 acre	Completed
20-08094-00-BR	Crittenden Township	Culvert Replacement	<1 acre	Completed
20-06095-00-BR	Compromise Township	Bridge Replacement	<1 acre	Completed
<p>NOTES</p> <p>1. All construction projects during this period were roadway projects.</p>				

**Table 10: Facilities Construction Projects from April 1, 2019 through March 31, 2020**

Township and Section	Location	Project Type	Area of Disturbance	Status
Urbana/16	Art Bartell Rd. Urbana, IL	Sidewalk Installation	1.5 acres (ILR10AR32)	Completed

There were no proposed changes to the BMPs between April 1, 2019 and March 31, 2020.

**Attachment B. Status of Compliance with N.P.D.E.S. Permit Conditions for Year 1**  
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	BMP No.	Brief Description of Best Management Practice (BMP)	Status	Measurable Goal	Year 1 Milestone	Description of Activities
1	<b>A.1.1</b>	Flyers and information sheets at permit counter.	<i>COMPLETE</i>	Develop and distribute one new educational material handout.	Distribute handout.	Handouts are displayed and available at the service counter.
2	<b>A.2.1</b>	Inform business groups about MS4, NPDES, and BMPs.	<i>COMPLETE</i>	Conduct one presentation per year upon request.	Conduct one presentation upon request.	No requests for presentations about MS4, NPDES and BMPs were made from business groups.
3	<b>A.2.2</b>	Inform developer, contractor, engineering, and architecture groups about MS4, NPDES, and BMPs.	<i>COMPLETE</i>	Conduct one presentation per year upon request.	Conduct one presentation upon request.	Champaign County Stormwater Partnership (CCSP) held a conference on July 12, 2019.
4	<b>A.2.3</b>	Inform environmental groups about MS4, NPDES, and BMPs.	<i>COMPLETE</i>	Conduct one presentation per year upon request.	Conduct one presentation upon request.	No requests for presentations about MS4, NPDES and BMPs were made from environmental groups.
6	<b>A.6.1</b>	Educational and informational material on web page.	<i>COMPLETE</i>	Develop web page with annual updates on informational and educational materials.	Update web page.	The MS4 Annual Facility Inspection Report was posted to the County website and to the collaborative MS4 website the Champaign County Stormwater Partnership ( <a href="http://www.ccstormwater.org">www.ccstormwater.org</a> ).
7	<b>B.4.1</b>	Comply with applicable state and local public notice requirements.	<i>COMPLETE</i>	Annual number of meetings with MS4 related topics. Maintain electronic records of notices, agendas, and public participation.	Provide notice of MS4 related meetings and provide opportunity for public input.	All public hearings and meetings are noticed as required by state law and local ordinances and policies.
8	<b>B.6.1</b>	Intergovernmental Storm Water Management group meetings (coordination meeting for all Champaign County MS4 jurisdictions).	<i>COMPLETE</i>	Hold at least 4 coordination meetings each year.	Attend meetings.	During the program year County staff attended and participated in meetings with other MS4 jurisdictions on June 11, 2019; September 10, 2019; December 10, 2019; March 10, 2020.

**Attachment B. Status of Compliance with N.P.D.E.S. Permit Conditions for Year 1**  
**CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT**  
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	BMP No.	Brief Description of Best Management Practice (BMP)	Status	Measurable Goal	Year 1 Milestone	Description of Activities
9	<b>B.6.2</b>	Prepare a storm water survey that can be used annually to capture public comment on the MS4 Storm Water Program.	<i>COMPLETE</i>	Conduct the annual MS4 Storm Water Survey on the County website.	Make the MS4 Area Storm Water Survey available on the County website.	The MS4 Storm Water Survey is on the County website at <a href="https://docs.google.com/forms/d/e/1FAIpQLSd5hbzMASGpKgPWU3kr8gmQJ-w0ZorXoCFWUUddjbMyI8P3Mg/viewform?c=0&amp;w=1">https://docs.google.com/forms/d/e/1FAIpQLSd5hbzMASGpKgPWU3kr8gmQJ-w0ZorXoCFWUUddjbMyI8P3Mg/viewform?c=0&amp;w=1</a>
10	<b>B.6.3</b>	Hold Annual Public Storm Water Meeting at the Champaign County Board's Environment and Land Use Committee (ELUC) to receive public comments regarding the Champaign County Unincorporated MS4 Area Storm Water Program.	<i>COMPLETED</i>	Have the Champaign County Unincorporated MS4 Area Storm Water Program as an Agenda item at one ELUC Meeting each year.	Have the Champaign County Unincorporated MS4 Area Storm Water Program as an Agenda item at the May ELUC meeting.	The Annual Public Storm Water Meeting at the Champaign County Board's Environment and Land Use Committee (ELUC) was held on May 9, 2019. Public comments included (a) comments received from respondents of the mailed Champaign County Unincorporated MS4 Area Storm Water Survey from the random sample in the Champaign County Unincorporated MS4 Area Environmental Justice (EJ) Areas; (b) comments received from respondents of the Champaign County Unincorporated MS4 Area Storm Water Survey available on the Champaign County website; and (c) comments made in person at the Public Meeting.

**Attachment B. Status of Compliance with N.P.D.E.S. Permit Conditions for Year 1**  
**CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT**  
 REPORTING PERIOD YEAR 1 (4/1/19 – 3/31/20) APRIL 1, 2020

	BMP No.	Brief Description of Best Management Practice (BMP)	Status	Measurable Goal	Year 1 Milestone	Description of Activities
11	<b>B.6.4</b>	Identify Environmental Justice areas within the Unincorporated Champaign County MS4 Area and provide appropriate public participation.	<i>COMPLETED</i>	Identify Environmental Justice (EJ) areas within the Unincorporated Champaign County MS4 Area based on most current state economic data and randomly sample the EJ area population for storm water concerns via postal mail with prepaid reply envelopes. Review annual survey results at the Annual Public Storm Water Meeting at the Champaign County Board's Environment and Land Use Committee (ELUC).	Identify Environmental Justice (EJ) areas within the Unincorporated Champaign County MS4 Area based on most current state economic data and randomly sample the EJ area population for storm water concerns via postal mail with prepaid reply envelopes and review annual survey results at the Annual Public Storm Water Meeting the Champaign County Board's Environment and Land Use Committee (ELUC).	In April 2019 a random sample survey of the EJ population was conducted using the Champaign County Unincorporated MS4 Area Storm Water Survey with a postage-paid reply envelope. The results of that survey will be reviewed at the May 7, 2020 meeting of the Champaign County Board's Environment and Land Use Committee (ELUC) and reported in the Annual Facility Inspection Report for next Program Year 4/1/20- 3/31/21.
12	<b>B.7.1</b>	Fund aspects of NPDES MS4 implementation in the County's Land Resource Management Plan implementation budget including public involvement when appropriate.	<i>COMPLETE</i>	Include NPDES MS4 requirements in the County's Land Resource Management Plan and include in annual long-range work plan as required.	Include MS4 in work plan for FY20.	Funding for MS4 projects were included in the Work Plan for 2020.
13	<b>C.1.1</b>	Map drainage system outfalls into streams and rivers.	<i>COMPLETED</i>	Complete a system wide updated every three years.	Update Champaign County Unincorporated MS4 Area storm sewer system map as new information becomes available.	The up to date storm sewer system map for the unincorporated Champaign County MS4 Area is mapped to 100% completion including the storm sewer system map for County Highways outside the MS4 Area.

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	BMP No.	Brief Description of Best Management Practice (BMP)	Status	Measurable Goal	Year 1 Milestone	Description of Activities
14	<b>C.2.1</b>	Prohibit illegal dumping and illicit discharges into drainage system through Nuisance Ordinance.	<i>IN PROGRESS</i>	Review existing Nuisance Ordinance and revise to include illegal dumping and illicit discharges into drainage systems.	Amend Nuisance Ordinance with new language prohibiting illegal dumping and illicit discharges into drainage systems.	Preliminary Ordinance language has been drafted regarding illegal dumping and illicit discharges into drainage systems but was not adopted in the program year.
15	<b>C.3.1</b>	Establish and maintain citizen complaint phone line for illegal dumping and illicit discharge into drainage systems.	<i>COMPLETE</i>	Maintain phone line.	Maintain complaint phone line and record of complaints.	The Department of Planning and Zoning phone line is maintained for citizen complaints regarding illegal dumping and illicit discharges.
16	<b>C.3.2</b>	Establish citizen complaint phone line for non-complying and/or non-functioning private sewage treatment systems.	<i>COMPLETE</i>	Develop and maintain phone line.	Maintain complaint phone line and record of complaints.	The Department of Planning and Zoning phone line is maintained for citizen complaints regarding non-complying and/or non-functioning private sewage treatment systems.
17	<b>C.3.3</b>	Create a database of existing private sewage treatment systems and develop a management plan to bring non-compliant systems into compliance.	<i>IN PROGRESS</i>	Create database and develop, adopt, and implement management plan.	Create database and develop management plan.	Records of private sewage treatment systems obtained from Public Health Department; GIS database is under development.
18	<b>C.6.1</b>	Annual Report to the Environment and Land Use Committee (ELUC) of the Champaign County Board.	<i>COMPLETE</i>	Present Annual Report and place on file.	Complete Annual Report and place on file.	The MS4 Annual Report was prepared and presented to the Environment and Land Use Committee (ELUC) on May 9, 2019 and approved by the Champaign County Board on May 23, 2019.
19	<b>D.1.1</b>	Soil erosion and sediment control regulations.	<i>COMPLETE</i>	Review existing erosion and sediment control regulations. Prepare draft regulations for County Board adoption and enforce adopted regulations.	Enforce soil erosion and sediment control ordinance (Storm Water Management and Erosion Control Ordinance).	Soil erosion and sediment control regulations in the Champaign County Storm Water Management and Erosion Control Ordinance were enforced for all Land Disturbance Erosion Control (LDEC) Permits.

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20	<b>D.2.1</b>	Erosion and sediment control BMPs.	<i>COMPLETE</i>	Review and evaluate existing BMPs to determine which should be included in the erosion and sediment control ordinance. Review existing regulations and develop new regulations for ordinance.	Review plans and development for appropriate use of BMPs as required by adopted ordinance (Storm Water Management and Erosion Control Ordinance).	All Land Disturbance Erosion Control (LDEC) Permits were reviewed for use of appropriate BMPs.
21	<b>D.3.1</b>	Prohibit illegal dumping and illicit discharges into storm drainage system from construction activities.	<i>IN PROGRESS</i>	Enforce Storm Water Management and Erosion Control (SWMEC) Ordinance prohibition on illegal dumping and illicit discharge into drainage systems from construction activities. Review existing Nuisance Ordinance and, if needed, revise to prohibit illegal dumping and illicit discharge into drainage systems from construction activities, same as SWMEC Ordinance.	Enforce SWMEC Ordinance prohibition on illegal dumping and illicit discharge into drainage systems from construction activities.	The Storm Water Management and Erosion Control Ordinance includes a prohibition of illegal dumping and illicit discharges from construction activities. Preliminary Nuisance Ordinance language has been drafted regarding illegal dumping and illicit discharges into drainage systems but has not yet been adopted.
22	<b>D.4.1</b>	Develop processes and procedures to evaluate proposed construction site runoff mechanisms.	<i>COMPLETE</i>	Develop procedures and processes to evaluate proposed construction site runoff mechanisms.	Develop, implement and refine review procedures to evaluate proposed construction site runoff mechanisms.	Procedures to evaluate proposed construction site runoff mechanisms are refined in the review of LDEC Permits.
23	<b>D.4.2</b>	Training class or workshop for evaluating and inspecting construction site runoff control mechanisms.	<i>INCOMPLETE</i>	Zoning Officer (or Director's designee) attendance at training class or workshop for evaluating and inspecting construction site runoff control mechanisms.	Director's designee attends training.	No training occurred in Year 1.

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	BMP No.	Brief Description of Best Management Practice (BMP)	Status	Measurable Goal	Year 1 Milestone	Description of Activities
24	<b>D.6.1</b>	Develop procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.	<i>COMPLETE</i>	Develop procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.	Develop and implement procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.	Procedures were refined as more experience was gained in the review of LDEC.
25	<b>E.1.1</b>	Implement a public education program about the benefits of green infrastructure and green housekeeping in minimizing the volume of storm water runoff and pollutants from privately owned developed property.	<i>INCOMPLETE</i>	Add a Green Infrastructure page to the Champaign County website to educate landowners about the benefits of green infrastructure and green housekeeping in minimizing the volume of storm water runoff and pollutants from privately owned developed property.	Develop and implement a Champaign County Green Infrastructure & Green Housekeeping web page.	NONE
26	<b>E.1.2</b>	Implement a public education program about the water quality impacts of overuse of fertilizers and pesticides in non-agricultural uses.	<i>INCOMPLETE</i>	Add a Sustainable Lawn Care page to the Champaign County website to educate landowners about the water quality impacts of overuse of fertilizers and pesticides in non-agricultural uses.	Develop and implement a Champaign County Sustainable Lawn Care web page.	NONE
27	<b>E.2.1</b>	Require annual inspections of publicly owned storm water management facilities (post-construction).	<i>INCOMPLETE</i>	Procedures for maintenance of publicly owned storm water management facilities (post-construction) should be established in the Champaign County SWPPP.	Develop and implement procedures for maintenance of publicly owned storm water management facilities (post-construction) in the Champaign County SWPPP.	NONE

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	BMP No.	Brief Description of Best Management Practice (BMP)	Status	Measurable Goal	Year 1 Milestone	Description of Activities
28	<b>E.3.1</b>	Develop procedures to ensure that storm water management facilities are maintained to function as designed (post-construction).	<i>IN PROGRESS</i>	Develop and implement procedures to ensure that storm water facilities are maintained to function as designed (post-construction).	Develop and implement procedures to ensure that storm water facilities are maintained to function as designed (post-construction).	The Storm Water Management and Erosion Control Ordinance requires ongoing maintenance of storm water management facilities.
29	<b>E.3.3</b>	Provide annual training in green infrastructure and/or low impact design techniques for all MS4 employees who manage or are directly involved in (or who retain others who manage or are directly involved in) the routine maintenance, repair, or replacement of public exterior surfaces. Require that contractors who are retained to manage or carry out the kinds of maintenance and relevant contractor employees also have annual training	<i>INCOMPLETE</i>	Provide annual training in green infrastructure and/or low impact design techniques for all MS4 employees who manage or are directly involved in (or who retain others who manage or are directly involved in) the routine maintenance, repair, or replacement of public exterior surfaces. Require that contractors who are retained to manage or carry out the kinds of maintenance and relevant contractor employees also have annual training.	Provide annual training in green infrastructure and/or low impact design techniques for all relevant managers, employees, and/or contractors and contractor employees.	No training occurred in Year 1.
30	<b>E.4.1</b>	Training class or workshop for evaluating and inspecting construction site runoff control mechanisms (post-construction).	<i>INCOMPLETE</i>	Director's designee attendance at training class or workshop for evaluating and inspecting construction site runoff control mechanisms (post-construction).	Director's designee attends training.	No training occurred in Year 1.
31	<b>E.5.1</b>	Develop procedures and processes to inspect construction sites for compliance with post-construction runoff control mechanisms.	<i>IN PROGRESS</i>	Develop procedures and processes to inspect construction sites for compliance with approved post-construction site runoff control mechanisms.	Develop and implement procedures to inspect construction sites for compliance with approved post-construction runoff control mechanisms.	The Storm Water Management and Erosion Control Ordinance requires "as-built" documentation.

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	BMP No.	Brief Description of Best Management Practice (BMP)	Status	Measurable Goal	Year 1 Milestone	Description of Activities
32	<b>F.1.1</b>	Spill prevention protocol.	<i>INCOMPLETE</i>	Conduct annual spill prevention training with appropriate County staff. Track meeting agenda, materials, and attendee sign-in sheet.	Complete annual spill prevention training with appropriate County staff.	NONE
33	<b>F.1.2</b>	Spill response protocol.	<i>COMPLETE</i>	Conduct annual spill response training with appropriate County staff. Track meeting agenda, materials, and attendee sign-in sheet.	Complete annual spill response training with appropriate County staff.	The Champaign County Emergency Management Agency (CCEMA) conducted or participated in the following training in the program year: May 2019: Midwest Emergency Preparedness Conference May 2019: FEMA Table-Top Exercise Hazardous Materials Rail September 2019: IEMA Summit Hazardous Materials on Rail Session November 2019: Exxon Pipeline Spill Table-Top Exercise January 2020: Area Pipeline Awareness Training
34	<b>F.1.3</b>	Hazardous material and storage management training.	<i>COMPLETE</i>	Conduct annual hazardous material and storage management training with appropriate staff. Track meeting agenda, materials, and attendee sign-in sheet.	Complete annual hazardous material and storage management training with appropriate County staff.	All relevant hazardous materials storage and handling reviewed with Facilities Director.
35	<b>F.2.1</b>	Prepare a Storm Water Pollution Prevention Plan (SWPPP) for County owned facilities.	<i>INCOMPLETE</i>	Prepare SWPPP for all County owned facilities.	Begin developing the Draft SWPPP for all County owned facilities.	None.

There was no information collected between April 1, 2019 and March 31, 2020.

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<b>A.1.1</b>	Flyers and information sheets at permit counter.	Develop and distribute one new educational material handout.	Distribute handout.	Distribute handout.
<b>A.2.1</b>	Inform business groups about MS4, NPDES, and BMPs.	Conduct one presentation per year upon request.	Conduct one presentation upon request.	Conduct one presentation upon request.
<b>A.2.2</b>	Inform developer, contractor, engineering, and architecture groups about MS4, NPDES, and BMPs.	Conduct one presentation per year upon request.	Conduct one presentation upon request.	Conduct one presentation upon request.
<b>A.2.3</b>	Inform environmental groups about MS4, NPDES, and BMPs.	Conduct one presentation per year upon request.	Conduct one presentation upon request.	Conduct one presentation upon request.
<b>A.6.1</b>	Educational and informational material on web page.	Develop web page with annual updates on informational and educational materials.	Update web page.	Update web page.
<b>B.4.1</b>	Comply with applicable State and local public notice requirements.	Annual number of meetings with MS4 related topics. Maintain electronic records of notices, agendas, and public participation.	Provide notice of MS4 related meetings and provide opportunity for public input.	Provide notice of MS4 related meetings and provide opportunity for public input.
<b>B.6.1</b>	Intergovernmental Storm Water Management group meetings (coordination meetings for all Champaign County MS4 jurisdictions)	Hold at least 4 coordination meetings each year.	Attend meetings.	Attend meetings.
<b>B.6.2</b>	Prepare a storm water survey that can be used annually to capture public comment on the MS4 Storm Water Program.	Conduct the annual MS4 Storm Water Survey on the County website.	Make the MS4 Storm Water Survey available on the Champaign County website.	Make the MS4 Storm Water Survey available on the Champaign County website.
<b>B.6.3</b>	Hold Annual Public Storm Water Meeting at the Champaign County Board's Environment and Land Use Committee (ELUC) Meeting to receive public comments regarding the Champaign County Unincorporated MS4 Area Storm Water Program.	Have the Champaign County Unincorporated MS4 Area Storm Water Program as an Agenda item at one ELUC Meeting each year.	Have the Champaign County Unincorporated MS4 Area Storm Water Program as an Agenda item at the May ELUC Meeting.	Have the Champaign County Unincorporated MS4 Area Storm Water Program as an Agenda item at the May ELUC Meeting.

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<b>B.6.4</b>	Identify Environmental Justice areas within the Unincorporated Champaign County MS4 Area and provide appropriate public participation.	Identify Environmental Justice (EJ) areas within the Unincorporated Champaign County MS4 Area based on most current state economic data and randomly sample the EJ area population for storm water concerns via postal mail with prepaid reply envelopes. Review annual survey results at the Annual Public Storm Water Meeting at the Champaign County Board’s Environment and Land Use Committee (ELUC).	Identify Environmental Justice (EJ) areas within the Unincorporated Champaign County MS4 Area based on most current state economic data and randomly sample the EJ area population for storm water concerns via postal mail with prepaid reply envelopes and review annual survey results at the Annual Public Storm Water Meeting the Champaign County Board’s Environment and Land Use Committee (ELUC).	Identify Environmental Justice (EJ) areas within the Unincorporated Champaign County MS4 Area based on most current state economic data and randomly sample the EJ area population for storm water concerns via postal mail with prepaid reply envelopes and review annual survey results at the Annual Public Storm Water Meeting the Champaign County Board’s Environment and Land Use Committee (ELUC).
<b>B.7.1</b>	Fund aspects of NPDES MS4 implementation in the County’s Land Resource Management Plan implementation budget including public involvement when appropriate.	Include NPDES MS4 requirements in the County’s Land Resource Management Plan and include in annual long-range work plan as required.	Include MS4 in work plan for FY20.	Include MS4 in work plan for FY21.
<b>C.1.1</b>	Map drainage system outfalls into streams and rivers.	Complete a system wide update every 3 years.	Update Champaign County Unincorporated MS4 Area storm sewer system map as new information becomes available.	Update Champaign County Unincorporated MS4 Area storm sewer system map as new information becomes available.

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<b>C.2.1</b>	Prohibit illegal dumping and illicit discharges into drainage systems through Nuisance Ordinance.	Review existing Nuisance Ordinance and revise to include illegal dumping and illicit discharges into drainage systems.	Amend Nuisance Ordinance with new language prohibiting illegal dumping and illicit discharges into drainage system. <b>MILESTONE NOT ACHIEVED</b> – Draft has not been adopted yet.	Amend Nuisance Ordinance with new language prohibiting illegal dumping and illicit discharges into drainage system.
<b>C.3.1</b>	Establish and maintain citizen complaint phone line for illegal dumping and illicit discharges into drainage systems.	Maintain phone line.	Maintain complaint phone line and record of complaints.	Maintain complaint phone line and record of complaints.
<b>C.3.2</b>	Establish citizen complaint phone line for non-complying and/or non-functioning private sewage treatment systems.	Develop and maintain phone line.	Maintain complaint phone line and record of complaints.	Maintain complaint phone line and record of complaints.
<b>C.3.3</b>	Create a database of existing private sewage treatments systems and develop a management plan to bring non-compliant systems into compliance.	Create database and develop, adopt and implement management plan.	Create database and develop management plan. <b>MILESTONE NOT ACHIEVED</b>	Create database and develop management plan.
<b>C.6.1</b>	Annual report to the Environment and Land Use Committee (ELUC) of the Champaign County Board.	Present Annual Report and place on file.	Complete Annual Report and place on file.	Complete Annual Report and place on file.
<b>D.1.1</b>	Soil erosion and sediment control regulations.	Review existing erosion and sediment control regulations. Prepare draft regulations for County Board adoption and enforce adopted regulations.	Enforce Soil Erosion and Sediment Control Ordinance (Storm Water Management and Erosion Control Ordinance).	Enforce Soil Erosion and Sediment Control Ordinance (Storm Water Management and Erosion Control Ordinance).
<b>D.2.1</b>	Erosion and sediment control BMPs.	Review and evaluate existing BMPs to determine which should be included in the erosion and sediment control ordinance. Review existing regulations and develop new regulations for the ordinance.	Review plans and development for appropriate use of BMPs as required by adopted ordinance (Storm Water Management and Erosion Control Ordinance).	Review plans and development for appropriate use of BMPs as required by adopted ordinance (Storm Water Management and Erosion Control Ordinance).

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<b>D.3.1</b>	Prohibit illegal dumping and illicit discharges into storm drainage system from construction activities.	Enforce Storm Water Management and Erosion Control (SWMEC) Ordinance prohibition on illegal dumping and illicit discharge into drainage systems from construction activities. Review existing Nuisance Ordinance and, if needed, revise to prohibit illegal dumping and illicit discharge into drainage systems from construction activities, same as SWMEC Ordinance.	Enforce SWMEC Ordinance prohibition on illegal dumping and illicit discharges into drainage systems from construction activities. <b>MILESTONE NOT ACHIEVED</b> – Draft has not been adopted yet.	Enforce SWMEC Ordinance prohibition on illegal dumping and illicit discharges into drainage systems from construction activities.
<b>D.4.1</b>	Develop procedures and processes to evaluate proposed construction site runoff mechanisms.	Develop procedures and processes to evaluate proposed construction site runoff mechanisms.	Develop, implement and refine review procedures to evaluate proposed construction site runoff mechanisms.	Develop, implement and refine review procedures to evaluate proposed construction site runoff mechanisms.
<b>D.4.2</b>	Training class/workshop for evaluating and inspecting construction site runoff control mechanism.	Zoning Officer (or Director’s designee) attendance at training class or workshop for evaluating and inspecting construction site runoff control mechanisms.	Director’s designee attends training. <b>MILESTONE NOT ACHIEVED</b>	Director’s designee attends training.
<b>D.6.1</b>	Develop procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.	Develop procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.	Develop and implement procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.	Develop and implement procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.
<b>E.1.1</b>	Implement a public education program about the benefits of green infrastructure and green housekeeping in minimizing the volume of storm water runoff and pollutants from existing privately owned developed property.	Add a Green Infrastructure page to the Champaign County website to educate landowners about the benefits of green infrastructure and green housekeeping in minimizing the volume of storm water runoff and pollutants from existing privately-owned developed property.	Develop and implement a Champaign County Green Infrastructure & Green Housekeeping web page. <b>MILESTONE NOT ACHIEVED</b>	Develop and implement a Champaign County Green Infrastructure & Green Housekeeping web page.

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<b>E.1.2</b>	Implement a public education program about the water quality impacts of overuse of fertilizers and pesticides in non-agricultural uses.	Add a Sustainable Lawn Care page to the Champaign County website to educate landowners about the water quality impacts of overuse of fertilizers and pesticides in non-agricultural uses.	Develop and implement a Champaign County Sustainable Lawn Care web page. <b>MILESTONE NOT ACHIEVED</b>	Develop and implement a Champaign County Sustainable Lawn Care web page.
<b>E.2.1</b>	Require annual inspection of publicly owned storm water management facilities (post-construction).	Procedures for maintenance of publicly owned storm water management facilities (post-construction) should be established in the Champaign County SWPPP.	Develop and implement procedures for maintenance of publicly owned storm water management facilities (post-construction) in the Champaign County SWPPP. <b>MILESTONE NOT ACHIEVED</b>	Develop and implement procedures for maintenance of publicly owned storm water management facilities (post-construction) in the Champaign County SWPPP.
<b>E.3.1</b>	Develop procedures to ensure that storm water facilities are maintained to function as designed (post- construction).	Develop and implement procedures to ensure that storm water facilities are maintained to function as designed (post-construction).	Develop and implement procedures to ensure that storm water facilities are maintained to function as designed (post-construction). <b>MILESTONE NOT ACHIEVED</b>	Develop and implement procedures to ensure that storm water facilities are maintained to function as designed (post-construction).
<b>E.3.3</b>	Provide annual training in green infrastructure and/or low impact design techniques for all MS4 employees who manage or are directly involved in (or who retain others who manage or are directly involved in) the routine maintenance, repair, or replacement of public exterior surfaces. Require that contractors who are retained to manage or carry out the kinds of maintenance and relevant contractor employees also have annual training.	Provide annual training in green infrastructure and/or low impact design techniques for all MS4 employees who manage or are directly involved in (or who retain others who manage or are directly involved in) the routine maintenance, repair, or replacement of public exterior surfaces. Require that contractors who are retained to manage or carry out the kinds of maintenance and relevant contractor employees also have annual training.	Provide annual training in green infrastructure and/or low impact design techniques for all relevant managers, employees, and/or contractors and contractor employees. <b>MILESTONE NOT ACHIEVED</b>	Provide annual training in green infrastructure and/or low impact design techniques for all relevant managers, employees, and/or contractors and contractor employees.

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<b>E.4.1</b>	Training class or workshop for evaluating and inspecting construction site runoff control mechanisms (post-construction).	Director’s designee attendance at training class or workshop for evaluating and inspecting construction site runoff control mechanisms (post-construction).	Director’s designee attends training. <b>MILESTONE NOT ACHIEVED</b>	Director’s designee attends training.
<b>E.5.1</b>	Develop procedures and processes to inspect construction sites for compliance with post-construction runoff control mechanisms.	Develop procedures and processes to inspect construction sites for compliance with approved post-construction runoff control mechanisms.	Develop and implement procedures to inspect construction sites for compliance with approved post-construction runoff control mechanisms. <b>MILESTONE NOT ACHIEVED</b>	Develop and implement procedures to inspect construction sites for compliance with approved post-construction runoff control mechanisms.
<b>F.1.1</b>	Spill prevention protocol.	Conduct annual spill prevention training with appropriate County staff. Track meeting agenda, materials, and attendee sign-in sheet.	Complete annual spill prevention training with appropriate County staff. <b>MILESTONE NOT ACHIEVED</b>	Complete annual spill prevention training with appropriate County staff.
<b>F.1.2</b>	Spill response protocol.	Conduct annual spill response training with appropriate County staff. Track meeting agenda, materials and attendee sign-in sheet.	Complete annual spill response training with appropriate County staff.	Complete annual spill response training with appropriate County staff.
<b>F.1.3</b>	Hazardous material and storage management training.	Conduct annual hazardous material and storage management training with appropriate County staff. Track meeting agenda, materials and attendee sign-in sheet.	Complete annual hazardous material and storage management training with appropriate County staff.	Complete annual hazardous material and storage management training with appropriate County staff.
<b>F.2.1</b>	Prepare a Storm Water Pollution Prevention Plan (SWPPP) for County owned facilities.	Prepare SWPPP for all County owned facilities.	Begin developing the Draft SWPPP for all County owned facilities. <b>MILESTONE NOT ACHIEVED</b>	Begin developing the Draft SWPPP for all County owned facilities.

DATE: May 1, 2020

TO: Environment and Land Use Committee

FROM: Amy Heffernan, Associate Planner

RE: 2019 Champaign County MS4 Area Storm Water Survey Results

ACTION REQUESTED: For Information Only

### **Summary**

This memorandum describes survey responses to the 2019 Champaign County Municipal Separate Storm Sewer System (MS4) Area Storm Water Survey and contains a comparison between the survey responses received in 2018 and in 2019.

### **Survey Intent**

The Champaign County MS4 Area Storm Water Survey is administered to identify citizen concerns related to storm water within the Champaign County Urbanized Area. The Champaign County Urbanized Area includes Champaign, Urbana, Savoy, Tolono, Bondville and all the areas located within one half-mile of those municipalities.

The annual survey is conducted to satisfy the Champaign County MS4 Storm Water National Pollutant Discharge Elimination System (NPDES) Annual Facility Report identified best management practice requirement regarding Public Involvement/Participation of Environmental Justice (EJ) Areas within the Unincorporated MS4 Area.

### **Study Area Population**

In 2019, Champaign County's MS4 qualifying EJ Parcel jurisdiction is comprised of roughly 3,500 parcels.

### **Sample Size and Survey Distribution**

In April of 2019, a total of 400 surveys were mailed to a randomly selected sample of recipients residing within qualifying Environmental Justice areas of the Champaign County MS4 Area. A reminder post card was later mailed to the same random sample of 400 parcels. A Spanish copy of the survey is available upon request. The survey is also available on the Champaign County Department of Planning and Zoning Storm Water Program webpage.

### **Response Rate**

A total of 71 mailed survey responses and 2 online survey responses were received. A response rate of 18.3% percent was reached. A 10%-15% response rate for a survey distributed by mail is considered an average.

### **Follow-up Contact regarding County Board Review**

A total of 13 respondents indicated they wanted to be notified about the County Board review of survey results, with 11 respondents providing legible contact information.

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**Comparison of survey responses received in 2018 and 2019:**

	2018	2019
Is there a location in the Champaign County MS4 Area or Urbanized Area where you believe storm water drainage causes a problem during or after a rain event?	39 % yes 56 % no 5 % no response	44 % yes 56 % no 0 % no response
Is there any location in the Champaign County MS4 Area or Urbanized Area where you believe storm water gets polluted?	14 % yes 79 % no 7 % no response	19 % yes 75 % no 3 % no response 3 % “don’t know”
Do you recreate at any location in the Champaign County MS4 Area or Urbanized Area where water is a prominent feature?	19 % yes 72 % no 9 % no response	19 % yes 75 % no 6 % no response
Please feel free to add any other comments you may have regarding storm water in the Champaign County MS4 Area or Urbanized Area: (number of comments provided)	10	15
Please indicate the nearest street intersection to your home:	79 % responded 18 % no response 3 % not specific enough	82 % responded 15 % no response 3 % not specific enough
Please indicate the major watershed that you live in:	0 % Upper Sangamon Watershed 32.9 % Upper Kaskaskia Watershed 32.9 % Vermilion Watershed 0 % Middle Wabash – Little Vermilion Watershed 3.5 % Embarras Watershed 30.6 % No Response	4.1 % Upper Sangamon Watershed 37 % Upper Kaskaskia Watershed 31.5 % Vermilion Watershed 4.1 % Middle Wabash – Little Vermilion Watershed 9.6 % Embarras Watershed 13.7 % No Response
Would you like to receive notice of the meeting of the Champaign County Board at which the results of this survey will be considered?	9 yes 7 provided legible contact information	13 yes 11 provided legible contact information

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Is there a location in the Champaign County MS4 Area or Urbanized Area where you believe storm water drainage causes a problem during or after a rain event?

43.8% Yes            56.2% No

	Location	Within Champaign County MS4 Area?	Type of Problem caused by Storm Water Drainage
1	along Dale Ln. north of Dane and 150	Not specific enough	storm water that causes property damage by flooding a building during large rain events
2	ditches along south side of E. Main in Urbana between Scottswood and Pfeffer Rd	Yes	storm water in the street that seems to interfere with traffic during large rain events, other: ditches, once filled, do not drain adequately and become stagnant/hazardous. These ditches are along bus stops and persons on foot are impacted
3	Windsor and Cherry Hills	Yes	storm water in the street that seems to interfere with traffic during any rain event, storm water so deep that it may be a safety concern during large rain events, other: storm water drainage terrible here- addition to the church has added to this problem- it is dangerous when it floods or ice
4	High Cross Rd. and Perkins Rd.	Yes	storm water in the street that seems to interfere with traffic during any rain
5	Hedge and Holly Hill	No	storm water that causes property damage by flooding a building during large rain events, storm water in the street that seems to interfere with traffic during large rain events, storm water so deep that it is a safety concern during large rain events
6	Perkins Rd. and Cherokee Ln.	Yes	storm water in the street that seems to interfere with traffic during large rain events
7	Perkins Rd. near Carroll Ave.	Yes	storm water in the street that seems to interfere with traffic during large rain events
8	Garden Hills and Dobbins Downs	Yes	storm water in the street that seems to interfere with traffic during large rain events
9	1400 of Comanche Dr.	Yes	storm water in the street that seems to interfere with traffic during large rain events, other: broken pipe under street - have been told Hensley has no money to fix problem
10	Neil and Kirby	No	storm water in the street that seems to interfere with traffic during large rain events
11	Dodson Dr. north of Slayback Rd	Yes	storm water that causes property damage by flooding a building during large rain events, storm water in the street that seems to interfere with traffic during large rain events, other: edges of asphalt street deteriorating and being washed into storm sewer leading to blockages in storm sewer

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12	Walters Dr and Roland Dr	Yes	storm water in the street that seems to interfere with traffic during any rain events, storm water so deep that it is a safety concern during large rain events, other: drain in SW side of alley and Walters Dr water runs out of it all the time instead of into it!
13	High Cross Rd south of Perkins Rd	Yes	storm water in the street that seems to interfere with traffic during large rain events
14	Main St and Vine St	No	storm water that causes property damage by flooding a building during large rain events, storm water in the street that seems to interfere with traffic during large rain events, storm water so deep that it is a safety concern during large rain events
15	Berniece and Valkar Dr	Yes	storm water that causes property damage by flooding a building during large rain events, other: when rain water cannot drain down thru storm drain my sump pump is compromised because it cannot properly discharge against weight of water from flood (discharges below ground directly into storm sewer well) breeding ground for mosquitos if doesn't drain quick enough and in season!
16	Wallace Ave and 2nd St	Yes	storm water that causes property damage by flooding a building during any rain events, storm water in the street that seems to interfere with traffic during any rain events, storm water so deep that it is a safety concern during large rain events
17	2701 Alton Dr	No	storm water that causes property damage by flooding a building during large rain events
18	3 houses south of Brady Ln and Main St intersection on Brady Ln west side	Yes	storm water in the street that seems to interfere with traffic during any rain events, storm water so deep that it is a safety concern during large rain events, other: the storm drain is either plugged or not functioning properly
19	All railroad underpasses	No	
20	Phinney Branch near corner of Clubhouse and Byrnebruk	Yes	storm water so deep that it is a safety concern during large rain events
21	Cherry Hills and Windsor	Yes	storm water in the street that seems to interfere with traffic during any rain events, other: storm drain that never works puddles turn into ice in cold weather
22	100' south of Windsor and First	Yes	storm water in the street that seems to interfere with traffic during large rain events, storm water so deep that it is a safety concern during large rain events
23	southside of Byrnebruk and Deerfield	Yes	storm water in the street that seems to interfere with traffic during large rain events

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24	Perkins Rd between N Eastern Ave and Carroll Ave	Yes	other: all yards have been flooded since put in storm drain every yard has ponds when rains
25	Mattis between Curtis and Windsor	Yes	storm water in the street that seems to interfere with traffic during large rain events, storm water so deep that it is a safety concern during large rain events
26	Campbell Dr and Anthony Dr	Yes	storm water in the street that seems to interfere with traffic during large rain events, storm water so deep that it is a safety concern during large rain events
27	Walters and alleyway just north of Anthony Dr	Yes	other: the storm drain is lower, so water runs out of it during and after rain
28	Willow Springs	Yes	other: standing water in the streets
29	Mattis and Windsor	Yes	storm water in the street that seems to interfere with traffic during large rain events
30	sides of roadways and around clogged storm drains	Not specific enough	storm water in the street that seems to interfere with traffic during large rain events, storm water so deep that it is a safety concern during large rain events
31	Wallace and 2nd St	Yes	storm water that causes property damage by flooding a building during any rain events, storm water in the street that seems to interfere with traffic during any rain events, storm water so deep that it is a safety concern during any rain events
32	Green St viaduct	No	storm water in the street that seems to interfere with traffic during large rain events

2) Is there any location in the Champaign County MS4 Area or Urbanized Area where you believe storm water gets polluted?

19.2% Yes      75.3% No      2.7% No Response      2.7% “don’t know”

	Location	Within Champaign County MS4 Area?	Pollution concerns
1	ditches along south side of E. Main in Urbana between Scottswood and Pfeffer Rd	Yes	septic systems release of sewage (septage) onto the ground or into a stream
2	all	Not specific enough	trash on the ground or in the street that may wash into the storm sewer system
3	Phinney Branch and Copper Slough	Yes	other: soil and sediment erosion from stream banks

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4	1400 Comanche	Yes	trash on the ground or in the street that may wash into the storm sewer system, other: cars and trucks parking on street, people burning leaves or just leaving leaves on the street
5	Walters Dr and Roland Dr	Yes	trash on the ground or in the street that may wash into the storm sewer system, other: storm drain near alley and Walters Dr SW side of alley water flows out of it down Walters Dr instead of into drain!
6	Main St and Scottswood Dr	Yes	trash on the ground or in the street that may wash into the storm sewer system, dumping of motor oil into a storm drain or onto the surface of the ground, dumping of unknown liquids into a storm drain or other part of the storm sewer system
7	Wallace Ave and 2nd St	Yes	other
8	1912 Alton Dr	No	trash on the ground or in the street that may wash into the storm sewer system
9	no specific places	Not specific enough	
10	Phinney Branch near Clubhouse Dr and Byrnebruk	Yes	other: garbage in creek
11		Not specific enough	trash on the ground or in the street that may wash into the storm sewer system
12	I74 Lincoln Ave thru Prospect	No	trash on the ground or in the street that may wash into the storm sewer system
13	Campbell Dr and Anthony Dr	Yes	trash on the ground or in the street that may wash into the storm sewer system
14	Paul and 1st St mechanic garage and junk	No	trash on the ground or in the street that may wash into the storm sewer system, washing of business vehicles in other than in a car wash facility, dumping of unknown liquids into a storm drain or other part of the storm sewer system

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3) Do you recreate at any location in the Champaign County MS4 Area or Urbanized Area where water is a prominent feature?

19.2% Yes      75.3% No      5.5% No Response

	Location	Within Champaign County MS4?	Type of Recreation	Water quality concerns
1	Windsor and Cherry Hills	Yes	walking along or near the shore, boating	
2	Lake Lincolnshire (north of Clubhouse Dr)	Yes	boating, wading and/or swimming	
3	Crystal Lake	No	walking along or near the shore, fishing from the shore	trash in the water that is unpleasant to see, trash in the water that causes pollution
4	Williamsburg Dr.	No	other: driving	other: main broke
5	Lincolnshire Fields	Yes	Walking along or near the shore	
6	Copper Slough, Phinney Branch, Heritage Lake	Yes, yes, no	walking along or near the shore	bank or shore erosion that harms the quality of the aquatic environment
7		Not specific enough	fishing from the shore and from a boat	trash in the water that is unpleasant to see, trash in the water that causes pollution, bank or shore erosion that harms the quality of the aquatic environment, other pollution that is visible in the water and that harms the quality of the aquatic environment, other pollution in the water that may harm either myself or others who may come into contact with the pollution, catching fish that may be unsafe to eat due to pollution
8	ponds in Beringer Commons Subdivision	No	walking along or near the shore	

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9	Illinois St. and Sunrise Dr.	Yes	other: water always run down from Pfeffer Rd. and just sits and from of my house	trash in the water that is unpleasant to see, trash in the water that causes pollution, other pollution that is visible in the water and that harms the quality of the aquatic environment, other pollution in the water that may harm either myself or others who may come into contact with the pollution, catching fish that may be unsafe to eat due to pollution
10	Lincolnshire Fields CC	Yes	other: golf	
11	Busey Woods	No	walking along or near the shore, other: bird watching	
12	Lake Park	No	walking along or near the shore, fishing from the shore and from a boat, boating, wading and/or swimming	
13	Kaufman Lake	No	Walking along or near the shore	
14	Old Church and Colbert Park Dr	No	walking along or near the shore, fishing, other: sledding	

4) Please feel free to add any other comments you may have regarding storm water in the Champaign County MS4 Area or Urbanized Area:

No comment. No apparent problem within my immediate neighborhood. (intersection given: Trout Valley and Byrnebruk)
Not sure about pollution. There have been complaints by some Prairie Fields residents about backyard ditch flooding following heavy rain, but we have not had that problem at my house. (intersection given: Tickseed and Blazing Star)
I think it would be beneficial to have Champaign County jail inmates picking up trash along our roadways! (intersection given: California and McArthur)
Our house floods when it rains hard (intersection given: Scottswood)
Unaffected by water concerns (intersection given: Eton and Melrose)
Water pools in our backyard during any moderate or heavy rain (intersection given: Prospect and Park Lane)
With the streets of Walters Dr and Roland Dr having been paved several times it has taken away the curb and gutter effect and the storm water doesn't flow correctly. Also, there is a storm drain in the SW side of alley and Walters Dr that water flows out of constantly. Shouldn't water flow into a storm drain? With this water on the west side must flood 3 properties NW to next drain that plugs up a lot. As does the drain on the E side of Walter and Roland Drives. Allowing water to back up across 3/4 the 2 streets! (intersection given: Walters and Roland)
Just don't raise the taxes anymore because that's what happen. (intersection given: Pfeffer and Illinois)

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We have had a problem with flooding in the Rolling Acres for many, many years, especially after heavy rains. The sewer well (storm drain) in front of my house fills up and my yard floods close to my sidewalk as well as street. Other homes near me on Berniece Dr also have the same problem! My sump pump line discharges into that sewer drain and my biggest fear it is going to burn out due to trying to force water against flooded sewer well. I have many pictures I can share with you of how bad it gets out here if you would care to view (email on back). (intersection given: Berniece and Valkar)
I don't get out as much as I used to, but I haven't noticed any major problem with drainage. (intersection given: Scottswood and Main)
Phinney Branch needs to be cleaned out and silt removed. (intersection given: Clubhouse and Byrnebruk)
There is a longstanding stormwater drainage problem in the area between Vine St and Race on the east and west, and Michigan and Pennsylvania to the north and south. The storm sewer on Michigan between Vine and Race in Urbana is inadequate. It can be overwhelmed by as little as 2" of rain. (intersection given: Applewood and Woodridge)
It's amazing how much trash is dumped on ground throughout this city. It's an embarrassment to live here. (intersection given: Duncan and Curtis)
Water drains well in our area commons area does form pools after a "hard" rain but drains into ground after a couple hours. (intersection given: Kirby and Staley)
I am unaware of any major storm sewer problems in our area! (intersection given: Staley and Windsor)

5) Please indicate the nearest street intersection to your home:

54.8% in the CC MS4 area      4.1% out of the CC MS4 area      23.3% on the borderline of CC MS4 area  
 15.1% No response      2.7% not specific enough

6) Please indicate the major watershed that you live in:

4.1% Upper Sangamon Watershed      37% Upper Kaskaskia Watershed      31.5% Vermilion Watershed  
 4.1% Middle Wabash – Little Vermilion Watershed      9.6% Embarras Watershed      13.7% No Response

7) Would you like to receive notice of the meeting of the Champaign County Board at which the results of this survey will be considered?

15.1% Yes, gave contact information      2.7% Yes, gave no contact information      82.2% No response

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Optional Section

1) Age:

0% 16-19      1.4% 20-29      8.2% 30-39      12.3% 40-49      11% 50-59  
27.4% 60-69      20.5% 70-79      5.5% 80-89      0% 90+      11% No Response  
2.7% Husband/Wife combo of different age groups

2) Gender:

57.5% Male              26% Female              13.7% No Response              2.7% Husband/Wife combo

3) Ethnic/Race groups you most identify with (check all that apply):

4.1% African American/Black              0% American Indian or Alaska Native              0% Asian  
0% Native Hawaiian or Pacific Islander              78.1% White/Caucasian              0% Hispanic/Latino  
0% Other              4.1% two or more races              13.7% No Response