



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, 2017 To March, 2018

Permit No. ILR40 0296

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

Name: City of Bloomington Mailing Address 1: P.O. Box 3157

Mailing Address 2: _____ County: McLean

City: Bloomington State: IL Zip: 61702-3157 Telephone: 309-434-2225

Contact Person: Greg Kallevig Email Address: gkallevig@cityblm.org
(Person responsible for Annual Report)

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

City of Bloomington

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))

Kevin Kothe
Owner Signature:

6/14/2018
Date:

Kevin Kothe, PE
Printed Name:

City Engineer
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

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
ANNUAL FACILITY INSPECTION REPORT
NPDES PERMIT FOR STORM WATER DISCHARGES
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)**

Reporting Period: April 1, 2017 – March 31, 2018

PART 1. ASSESSMENT OF BEST MANAGEMENT PRACTICES (BMPs)

1. PUBLIC EDUCATION AND OUTREACH
(conducted to impact a varied and diverse audience)

BMP No. A1 – Distributed Paper Material

GOAL: Distribute door hanger flyers in conjunction with inlet stenciling projects. The flyer contains a stormwater quality message to introduce the inlet stenciling project to the neighborhood being stenciled.

RESULTS: Educational flyers distributed to 1,443 households as part of inlet stenciling projects.

BMP No. A4 - Speaking Engagement

GOAL: Deliver at least two stormwater issue presentations per year at community events such as Illinois Sustainable Living and Wellness Expo, and Home, Lawn and Garden Day.

RESULTS:

1. Co-sponsored the Illinois Sustainable Living and Wellness Expo with Illinois Wesleyan University including exhibitors on clean water topics (2,250 participants).

2. Informational booths including clean water protection, Yard Smart and stormwater runoff:
Earth Day Events at ISU Quad (48 participants);
David Davis Glorious Garden Festival (2 days, 31 people);
Wellness Fair at City of Bloomington (87 participants);
Social Justice Fair at Unitarian Church (32 participants)

BMP No. A5 – Classroom Educational Material

GOAL: Ecology Action Center will conduct in-classroom stormwater education for Bloomington 3rd grade classes. The

program will teach students the water cycle, the watershed, and the negative effects of pollutants in storm water runoff.

RESULTS:

Clean Water Programs for 3rd grade classes at 9 schools, 33 classes, 888 students. This educational program was delivered to schools located in Environmental Justice areas of west Bloomington.

2. PUBLIC PARTICIPATION/INVOLVEMENT

(conducted to impact a varied and diverse audience)

BMP No. B5 – Volunteer Monitoring

GOAL: The City will maintain a Stormwater Hotline allowing citizens to be involved in monitoring discharges into the stormwater system.

RESULTS: The Stormwater Hotline was maintained.

BMP No. B6 – Program Coordination

GOAL: The Ecology Action Center will facilitate the coordination of local groups in efforts to mark stormwater inlets with a “Drains To Stream” message. In conjunction with the inlet marking, flyers will be given to all the residences in that neighborhood, informing them of efforts to reduce pollution in local streams.

RESULTS: Storm drain stenciling: a total of 296 stormwater inlets were stenciled and 1,443 households received distributed material on stormwater runoff pollution and ways to reduce this pollution.

BMP No. B6 – Program Coordination

GOAL: The Ecology Action Center will conduct the “Yard Smart Program” which involves homeowners in modifying the way they maintain their yards by reducing lawn chemical applications, installing Raingardens, and utilizing Rainbarrels.

RESULTS:

1. Hosted Annual Yard Smart Garden Walk on June 24 showcasing area yards that utilize practices that reduce impact on clean water (71 participants).

2. Held 7 rain barrel making workshops with focus on stormwater runoff issues resulting in construction of 32 rain barrels including both standard 55 gallon barrels and 275 gallon mega rain harvesters.

3. Provided Master Gardener's Home Lawn and Garden Day information booth on Yard Smart program, rain barrels, and stormwater runoff (75 participants).

4. Gave presentation on Yard Smart and permaculture strategies that help reduce storm water runoff pollution at Master Gardener's Home Lawn & Garden Day (8 participants).

5. Answered 117 inquiries from visitors and callers about the YardSmart program, rain barrels, and stormwater issues.

BMP No. B6 – Program Coordination

GOAL: The City will administer an Adopt-a-Street Program to allow community groups to volunteer to clean roadway right of way.

RESULTS: 6 groups are currently registered as Adopt-a-Street participants cleaning 5.1 miles of City streets.

3. ILLICIT DISCHARGE DETECTION AND ELIMINATION

BMP No. C1 – Storm Sewer Map Preparation

GOAL: City will maintain a storm sewer map.

RESULTS: The storm sewer map is maintained and updated regularly.

BMP No. C10 – Other Illicit Discharge Controls

GOAL: The City will maintain a Stormwater Hotline allowing citizens to be involved in monitoring discharges into the stormwater system.

RESULTS: The Stormwater Hotline was maintained.

BMP No. C10 – Other Illicit Discharge Controls

GOAL: City Building Safety inspection personnel have, as part of their job, the task of looking for illegal discharges to the City's stormwater system.

RESULTS: City Building Safety Department staff have been monitoring for illicit discharges.

4. CONSTRUCTION SITE RUNOFF CONTROL

BMP No. D1 – Regulatory Control Program

GOAL: The City has an Erosion & Sediment Control (ESC) Ordinance in place which regulates construction projects that disturb more than 5,000 square feet of soil, requiring ESC reduction measures. The City will administer this ordinance.

RESULTS: The City is maintaining the Erosion and Sediment Control Ordinance, 131 Erosion Control Permits were issued during the reporting period that included construction site inspections to ensure compliance with the Ordinance.

BMP No. D4 – Site Plan Review Procedures

GOAL: The City requires that an approved erosion & sediment control (ESC) plan be included in plans for a new or modified site development. This approved ESC plan is then the basis for inspection to ensure compliance with the ESC Ordinance.

RESULTS: The City has included review and approval of ESC plans as part of all site plan reviews.

BMP No. D6 – Site Inspection/Enforcement Procedures

GOAL: The City will perform site inspections for projects under construction to ensure compliance with ESC plan.

RESULTS: The City has performed site inspections for all construction sites requiring an ESC Permit.

5. POST- CONSTRUCTION RUNOFF CONTROL

BMP No. E1 – Community Control Strategy

GOAL: The City Subdivision Code and Manual of Practice require onsite stormwater detention for new developments and modified existing developments.

RESULTS: The City has enforced the stormwater detention regulations.

BMP No. E3 – Long Term O&M Procedure

GOAL: The City has developed a stormwater utility to pay for maintenance and operation of the stormwater conveyance systems throughout the City. This utility also grants credits to properties that own and maintain an onsite stormwater detention facility.

RESULTS: The City administered the stormwater utility.

BMP No. E6 – Post construction Inspections

GOAL: Post construction site inspections ensure that stormwater control measures are properly maintained and operating as planned. The City has a policy of regularly inspecting detention basins, especially after a heavy rain.

RESULTS: The City performed regular detention basin inspections.

6. POLLUTION PREVENTION/GOOD HOUSEKEEPING

BMP No. F2 – Inspection and Maintenance Program

GOAL: Regular vehicle and equipment maintenance is performed on all City vehicles to ensure oil and fluid leaks are minimized.

RESULTS: Regular vehicle and equipment inspections were performed.

BMP No. F2 – Inspection and Maintenance Program

GOAL: Develop operation and maintenance program for detention basins.

RESULTS: Preliminary inspection of approximately 75% of the detention basins in the City has been completed to determine baseline for current status of detention facilities.

BMP No. F6 – Other Municipal Operations Controls

GOAL: The City performs regular storm sewer inlet cleaning to remove material that otherwise may have entered the MS4.

RESULTS: Regular storm sewer inlet cleaning was performed.

BMP No. F6 – Other Municipal Operations Controls

GOAL: The City operates a street sweeping program that annually cleans approximately 9,000 curb miles of street to remove material that otherwise may have entered the MS4.

RESULTS: Regular street sweeping was performed.

PART 2. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

The City of Bloomington is confident that the BMPs utilized are the best choice to meet the requirements of the NPDES Phase II Program to minimize nonpoint source pollution in the City of Bloomington, Illinois. All Best Management Practices have been implemented on or ahead of schedule as described in the City of Bloomington's 2013 Notice of Intent.

PART 3. RESULTS OF INFORMATION COLLECTED AND ANALYZED

Activities consisted primarily of stormwater management program administration activities. However, the City has begun an evaluation of BMPs based on estimated effectiveness from published research. The City is in the process of evaluating water quality improvement from storm water detention facilities required to be installed as part of new and re-developed properties.

PART 4. SUMMARY OF ANTICIPATED ACTIVITIES DURING NEXT REPORTING CYCLE

1. PUBLIC EDUCATION AND OUTREACH

BMP No. A1 – Distributed Paper Material

GOAL: Distribute door hanger flyers in conjunction with inlet stenciling projects. The flyer contains a stormwater quality message to introduce the inlet stenciling project to the neighborhood being stenciled.

BMP No. A4 - Speaking Engagement

GOAL: deliver at least two stormwater issue presentations per year at community events such as Illinois Sustainable Living and Wellness Expo, and Home, Lawn and Garden Day.

BMP No. A5 – Classroom Educational Material

GOAL: Ecology Action Center will conduct in-classroom stormwater education for Bloomington 3rd grade classes. The program will teach students the water cycle, the watershed, and the negative effects of pollutants in storm water runoff.

2. PUBLIC PARTICIPATION/INVOLVEMENT

BMP No. B5 – Volunteer Monitoring

GOAL: The City will maintain a Stormwater Hotline allowing citizens to be involved in monitoring discharges into the stormwater system.

BMP No. B6 – Program Coordination

GOAL: The Ecology Action Center will facilitate the coordination of local groups in efforts to mark stormwater inlets with a “Drains To Stream” message. In conjunction with the inlet marking, flyers will be given to all the residences in that neighborhood, informing them of efforts to reduce pollution in local streams.

BMP No. B6 – Program Coordination

GOAL: The Ecology Action Center will conduct the “Yard Smart Program” which involves homeowners in modifying the way they maintain their yards by reducing lawn chemical applications, installing Raingardens, and utilizing Rainbarrels.

BMP No. B6 – Program Coordination

GOAL: The City will administer an Adopt-a-Highway Program to allow community groups to volunteer to clean roadway right of way.

3. ILLICIT DISCHARGE DETECTION AND ELIMINATION

BMP No. C1 – Storm Sewer Map Preparation

GOAL: City will maintain a storm sewer map.

BMP No. C10 – Other Illicit Discharge Controls

GOAL: The City will maintain a Stormwater Hotline allowing citizens to be involved in monitoring discharges into the stormwater system.

BMP No. C10 – Other Illicit Discharge Controls

GOAL: City Building Safety inspection personnel have, as part of their job, the task of looking for illegal discharges to the City's stormwater system.

4. CONSTRUCTION SITE RUNOFF CONTROL

BMP No. D1 – Regulatory Control Program

GOAL: The City has an Erosion & Sediment Control (ESC) Ordinance in place which regulates construction projects that disturb more than 5,000 square feet of soil, requiring ESC reduction measures. The City will administer this ordinance.

BMP No. D4 – Site Plan Review Procedures

GOAL: The City requires that an approved erosion & sediment control (ESC) plan be included in plans for a new or modified site development. This approved ESC plan is then the basis for inspection to ensure compliance with the ESC Ordinance.

BMP No. D6 – Site Inspection/Enforcement Procedures

GOAL: The City will perform site inspections for projects under construction to ensure compliance with ESC plan.

5. POST- CONSTRUCTION RUNOFF CONTROL

BMP No. E1 – Community Control Strategy

GOAL: The City Subdivision Code and Manual of Practice require onsite stormwater detention for new developments and modified existing developments.

BMP No. E3 – Long Term O&M Procedure

GOAL: The City has developed a stormwater utility to pay for maintenance and operation of the stormwater conveyance systems throughout the City. This utility also grants credits to properties that own and maintain an onsite stormwater detention facility.

BMP No. E6 – Post construction Inspections

GOAL: Post construction site inspections ensure that stormwater control measures are properly maintained and operating as planned. The City has a policy of regularly inspecting detention basins, especially after a heavy rain.

6. POLLUTION PREVENTION/GOOD HOUSEKEEPING

BMP No. F2 – Inspection and Maintenance Program

GOAL: Regular vehicle and equipment maintenance is performed on all City vehicles to ensure oil and fluid leaks are minimized.

BMP No. F2 – Inspection and Maintenance Program

GOAL: The MS4 is in the process of developing an operations and maintenance program for detention and water quality ponds. The program will consist of regular inspection of City detention basins. The basins will be evaluated for proper operation and items which may require maintenance. A formal inspection schedule, inspection checklist and recordkeeping procedures will be developed.

BMP No. F6 – Other Municipal Operations Controls

GOAL: The City performs regular storm sewer inlet cleaning to remove material that otherwise may have entered the MS4.

BMP No. F6 – Other Municipal Operations Controls

GOAL: The City operates a street sweeping program that annually cleans approximately 9,000 curb miles of street to remove material that otherwise may have entered the MS4.

PART 5. CHANGES TO BEST MANAGEMENT PRACTICES

The City is evaluating BMPs based on estimated effectiveness from published research. The City has begun with an evaluation of water quality improvement from storm water detention facilities.

PART 6. RELIANCE ON ANOTHER GOVERNMENTAL ENTITY

The City of Bloomington is not relying on another governmental entity to satisfy permit obligations, although Bloomington does contract with the Ecology Action Center to perform Public Education and Outreach, and also to facilitate Public Participation and Involvement.

CONSTRUCTION PROJECT LIST:

The following City of Bloomington construction projects were active during 2017-2018:

- (1) Street and Alley Resurfacing and Repair
- (2) Sidewalk Replacement and Handicap Ramp Program
- (3) General Resurfacing
- (4) Grading & Seeding
- (5) CCTV Sewer Inspection
- (6) Sewer Rehabilitation
- (7) Utility Maintenance
- (8) Linden Street Bridge Reconstruction
- (9) Linden Street Widening