

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

Complete each section of this report.

Reporting Period from: March, 2012 To: March, 2013 Permit Number : ILR40 _____

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

Name: City of Bloomington Telephone: 309-434-2225

Mailing Address: P.O. Box 3157

City: Bloomington State: IL Zip: 61702-3157 County: McLean

Contact Person: Greg Kallevig

(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 checked="" 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.

Signature: 

Date: Sep 10, 2013

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))

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

or Mail to: Illinois Environmental Protection Agency, DWPC
Compliance Assurance Section #19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Information required by this form must be provided to comply with 415 ILCS 5/39 (1996). Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

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

Reporting Period: April 1, 2012 – March 31, 2013

PART A. CHANGES TO BEST MANAGEMENT PRACTICES

6. POLLUTION PREVENTION/GOOD HOUSEKEEPING

BMP No. F2 – Inspection and Maintenance Program

The MS4 is in the process of developing an operations and maintenance program for detention 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.

The detention basin inspection program is still under development.

All other Best Management Practices for the six minimum control measures remain the same as were submitted in the MS4 renewal for the second five-year permit period.

Part B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

The City of Bloomington is confident that the BMPs listed below 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 2003 Notice of Intent.

1. PUBLIC EDUCATION AND OUTREACH

BMP No. A1 – Distributed Paper Material

GOAL: Distribute Educational Printed Drinking Cup to 3rd Grade Students which includes Stormwater Hotline phone number as well as a clean water message of recycling, reducing lawn chemical use and proper disposal of pet waste.

RESULTS: 1223 educational cups were distributed to 3rd grade students as part of classroom education visits.

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 1399 homes 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 Illinois Sustainable Living and Wellness Expo with Illinois Wesleyan University including exhibitors on clean water topics (4,300 participants).
2. Informational booths including clean water protection, Yard Smart and stormwater runoff at
 - ISU Earth Day (40 participants);
 - Wellness Fair at Advocate BroMenn (125 participants);
 - Wellness Fair at City of Bloomington (100 participants);
 - Wellness Fair at Country Companies (125 participants);
 - Wellness Fair at Growmark (110 participants);
 - The Nature Conservancy's Open House at the Franklin Demonstration Farm (60 participants)
 - Wellness Fair at the Town of Normal (50 participants);
 - Wellness Fair at ISU (150 participants);
 - Wellness Fair at Mitsubishi (200 participants)
3. Presentation for Neighborhood Association of Normal including clean water (25 participants)
4. Sugar Creek Art Festival, Sweet Corn Festival, & Bloomington Cultural Fest (5 days, 216 booth visitors)

5. Informational booth including clean water protection, Yard Smart and stormwater runoff at Vendor's Expo for the We Care Twin Cities Marathon (35 participants)

6. Presentation for the McLean County Regional Planning Commission with overview of EAC's roles in the community including storm water outreach

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:

Third Grade Clean Water Programs at Benjamin, Bent, Calvary Christian, Cedar Ridge, Colene Hoose, Cornerstone Christian, Epiphany, Fairview, Grove, Hudson, Northpoint, Oakdale, Oakland, Pepper Ridge, St. Mary's, Sheridan, Sugar Creek, Trinity Lutheran, Washington (49 classes, 1,223 students)

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.

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: A total of 56 volunteers spent 143 hours painting 295 stormwater inlets and distributing information on stormwater runoff pollution and ways to reduce this pollution to 1,399 homes

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 23 showcasing area yards that utilize practices that reduce impact on clean water (65 participants). Had significant publicity on WGLT before event.
2. Held 8 rain barrel making workshops with focus on stormwater runoff issues resulting in construction of 79 rain barrels.
3. Yard Smart information booth at Fell Arboretum Plant Sale including rain barrels and vermicompost (25 participants)
4. Yard Smart information booth at Glorious Garden Tour (25 participants)
5. EAC co-hosted presentation by nationally-known author Doug Tallamy about the benefits of choosing native plants for landscaping. EAC also staffed YardSmart booth at event. (100 participants)
6. Provided Master Gardener’s Home Lawn and Garden Day information booth on Yard Smart program, rain barrels, and stormwater runoff (60 participants)
7. Gave presentation on Yard Smart and adapting for gardening during a drought at Master Gardener’s Home Lawn & Garden Day (15 participants)
8. Answered 115 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-Highway Program to allow community groups to volunteer to clean roadway right of way.

RESULTS: Adopt-a-Highway Program is in place.

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, 217 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 C. RESULTS OF INFORMATION COLLECTED AND ANALYZED

Activities consisted primarily of stormwater management program administration activities. Therefore, no information or monitoring data was collected during this period.

PART D. SUMMARY OF ANTICIPATED ACTIVITIES DURING NEXT REPORTING CYCLE

1. PUBLIC EDUCATION AND OUTREACH

BMP No. A1 – Distributed Paper Material

GOAL: Distribute Educational Printed Drinking Cup to 3rd Grade Students which includes Stormwater Hotline phone number as well as a clean water message of recycling, reducing lawn chemical use and proper disposal of pet waste.

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 E. RELIANCE ON ANOTHER GOVERNMENTAL ENTITY

The City of Bloomington is not relying on another governmental entity to satisfy our permit obligations.

PART F. CONSTRUCTION PROJECT LIST:

The following City of Bloomington construction projects were active during 2012-2013:

- (1) Street and Alley Resurfacing and Repair
- (2) Lafayette Street Reconstruction
- (3) Morris Avenue Reconstruction
- (4) Locust St. CSO Elimination and Water Main Replacement Phase 1

Ecology Action Center
Stormwater Education and Public Participation Program for Bloomington-Normal and
McLean County

2012 Annual Report: January 1-December 31, 2012

The Ecology Action Center has completed the following tasks as part of the Stormwater Education and Public Participation program:

Education Programs

- Clean Water Programs for 3rd grade classes at Benjamin, Bent, Calvary Christian, Cedar Ridge, Colene Hoose, Cornerstone Christian, Epiphany, Fairview, Fox Creek, Glenn, Grove, Holy Trinity, Hudson, Metcalf, Northpoint, Oakland, Parkside, Pepper Ridge, St. Mary's, Sheridan, Trinity Lutheran, Washington (57 classes, 1479 participants)
- Classroom presentation for Heartland Community College classes focusing on storm water issues (3 classes, 65 participants)
- Eco Action camp focused strongly on clean water issues and activities: creek exploration, storm drain stenciling, Yard Smart concepts, rain garden maintenance. (12 children, 5 days of programming)
- Presentations for ISU students including stormwater issues and Yard Smart (1 presentation, 50 students)

Informational Events and Presentations

- Co-sponsored Illinois Sustainable Living and Wellness Expo with Illinois Wesleyan University including exhibitors on clean water topics (4,300 participants).
- Presentation featuring clean water topics at First United Methodist Church (30 participants)
- Presentation for American Business Women's Association including clean water (10 participants)
- Presentation for Neighborhood Association of Normal including clean water (25 participants)
- Sugar Creek Art Festival, Sweet Corn Festival, & Bloomington Cultural Fest (5 days, 216 booth visitors)
- Informational booths including clean water protection, Yard Smart and stormwater runoff at
 - Vendor's Expo for the We Care Twin Cities Marathon (35 participants);
 - ISU Earth Day (40 participants);
 - Chamber of Commerce non-profit showcase (30 participants);
 - Wellness Fair at the Town of Normal (50 participants);
 - Wellness Fair at Advocate BroMenn (125 participants);
 - Wellness Fair at City of Bloomington (100 participants);
 - Wellness Fair at Country Companies (125 participants);
 - Wellness Fair at Growmark (110 participants);
 - Wellness Fair at ISU (150 participants);
 - Wellness Fair at Mitsubishi (200 participants)

Yard Smart Program

- Hosted Annual Yard Smart Garden Walk on June 23 showcasing area yards that utilize practices that reduce impact on clean water (65 participants). Had significant publicity on WGLT before event.

- Held 8 rain barrel making workshops with focus on stormwater runoff issues resulting in construction of 79 rain barrels.
- Developed and fabricated sign for Village of Hudson educating citizens about storm water runoff and water supply issues to be installed by creek in town park.
- Master Gardener's Home Lawn and Garden Day information booth on Yard Smart program, rain barrels, and stormwater runoff (65 participants)
- Yard Smart presentation at Master Gardener's Home Lawn & Garden Day (25 participants)
- Yard Smart presentation at State Farm's Cancer Survivor Group (30 participants)
- Yard Smart information booth at Fell Arboretum Plant Sale including rain barrels and vermicompost (25 participants)
- Yard Smart information booth at Glorious Garden Tour (25 participants)
- Davis Lodge Rain Garden weeded and mulched.
- EAC co-hosted presentation by nationally-known author Doug Tallamy about the benefits of choosing native plants for landscaping. EAC also staffed YardSmart booth at event. (100 participants)
- Clean water interpretive signage installed in Village of Hudson in public park near waterway. Signage message informs residents about the importance of reducing storm water runoff pollution.
- Answered 92 inquiries about YardSmart program, rain barrels, and stormwater issues

Other Efforts

- Storm drain stenciling: a total of 56 volunteers spent 143 hours painting 295 stormwater inlets and distributing information on stormwater runoff pollution and ways to reduce this pollution to 1489 homes in Normal and Bloomington (see attached map).
- Facilitation of McLean County Greenways Committee as Chair
- Ongoing participation in Watershed Plan Implementation Committee
- Participated in Bloomington-Normal Clean Up Week by removing trash from large section on Sugar Creek via canoe.
- Stormwater Runoff Awareness advertisements on 4 local radio stations WGLT, WJBC, WBNQ, and WBWN, reaching approximately 130,000 area listeners.
- Ongoing fundraising campaign to bring household hazardous waste collection back to McLean County in September 2012; resulting efforts are not only raising funds but raising awareness about improper disposal of wastes such as dumping.
- Coordinated first-ever locally funded Household Hazardous Waste Collection from start to finish. Raised nearly \$150,000 in funding from local municipalities, businesses, individuals, and churches; hired a hazardous waste contractor; recruited and coordinated nearly 80 volunteers putting in approximately 350 hours of work; and facilitated the entry of nearly 2000 cars and safe disposal of 161,000 pounds of household hazardous wastes.
- Sent EAC Action News to 900 email subscribers 10 times with information about clean water issues.
- New "mCLEANwater.org" watershed clearinghouse website finalized and launched after significant effort put into design, construction, content accumulation and indexing. This website will serve as a resource for residents and decision makers on clean water issues. The site includes a library of watershed reports and studies and a showcase of successful watershed protection projects; more content will be added to the site on an ongoing basis. Promotion of the new site will begin in 2013.

Storm Drain Stenciling 2012

Michael Brown 2012
Ecology Action Center

0 0.125 0.25 0.5 0.75 1 Miles

