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, 2014 To March, 2015

Permit No. ILR40 0265

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

Name: McLean County Mailing Address 1: 115 E. Washington St.

Mailing Address 2: County: McLean

City: Bloomington State: IL Zip: 61701 Telephone: (309) 888-5110

Contact Person: Luke D. Hohulin Email Address: luke.hohulin@mcleancountyil.gov
(Person responsible for Annual Report)

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

McLean County

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 ☐
2. Public Participation/Involvement ☐
3. Illicit Discharge Detection & Elimination ☐
4. Construction Site Runoff Control ☐
5. Post-Construction Runoff Control ☐
6. Pollution Prevention/Good Housekeeping ☐

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))

Luke D. Hohulin
Owner Signature:

5/11/2015
Date:

Luke D. Hohulin, P.E.
Printed Name:

Civil Engineer I
Title:

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

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

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

2014
MCLEAN COUNTY ANNUAL PERMIT REPORT

McLean County Highway Department
102 S. Towanda Barnes Road
Bloomington, IL 61705

GENERAL INFORMATION:
As a small MS4, McLean County Highway Department was included in Phase II of the NPDES (National Pollution Discharge Elimination System) that was put in to effect in 2003. Phase II includes small MS4s and Construction sites that disturb more than 1 acre of land. The Highway Department submits a Notice of Intent (NOI) every 5 years to the IEPA (Illinois Environmental Protection Agency). The NOI outlines the County Highway Departments plan to improve storm water quality. The Last NOI was approved by McLean County on **June 17, 2014**.

STORM WATER MANAGEMENT PROGRAM:
The Plan outlines the six minimum control measures, which are expected to result in reductions in pollutants discharged within McLean County. The identified water quality pollutants are fecal coliform, oil and suspended solids. The six minimum controls will address these pollutants and are as follows:

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

McLean County Highway Department and other small MS4s joined forces with The Ecology Action Center. The partnership helps the Highway Department meet the goals of the storm water management plan and inform a greater number of people. Attached is a report of some of their projects and activities.

STATUS OF GOALS:
Listed below are some goals the McLean County Highway Department reached or is working toward along with policies that will continue to be enforced.

- Implementation and enforcement of the Erosion and Sediment Control (ESC) plan per the McLean County Subdivision ordinance. Continue to address complaints about illicit discharges and runoffs.

- Continue updating the GIS layer(s) for locating subdivisions and storm drain inlets that are stenciled in as part of the ongoing stencil program.

- Continue policy of construction and maintenance of wet/dry detention basins.

- Continue educating and informing the public through the Clean Water and Yard Smart Programs and other similar outreach programs.

- Continue ongoing participation in the Watershed Plan Implementation Committee.

- A Stream Buffer Zone ordinance was adopted with the help from the County Building and Zoning Department in 2010.

- Review vehicle/ equipment maintenance program.

- Continue to research/monitor road salt alternatives and/or usage.

- Continue staff training/ education by attending seminars, webinars, and/or classes.

- The McLean County Highway Department had 20 different groups/ families that volunteered to participated in the Adopt-A-Highway program in 2014. This includes a minimum of 4 clean-ups per group from April 1 – November 1, 2014. This program helps keep our road system and ditches clean from litter and other debris.

CONSTRUCTION SITE RUNOFF CONTROL

The McLean County Department of Building and Zoning required the installation of erosion control measures on 48 residential permits in 2014. During 2013 and 2014, this Department issued 15 commercial construction permits for which erosion control plans were required.

CONSTRUCTION PROJECTS (since the past reporting period):

The McLean County Highway Department did undertake three major construction projects that disturbed one or more acres between April 2014 and April 2015. The first project is located on 2480E Road in Lexington between County Highway 8 and ~1.0 mile to the north. The second project is located on 2000N Road between County Highway 29 and County Highway 31. Lastly, the third project is located on Northtown Road between County Highway 39 and 1300E Road. These projects include installing pipe culverts, grading ditches, and seeding ~4.75 acres, ~9.5 acres, and ~4.75 acres respectively.

CONSTRUCTION PROJECTS (through the next reporting period):

The McLean County Highway Department is planning on one major construction project that will disturb one or more acres between April 2015 and April 2016. This project is located on Towanda Barnes Road (C.H. 29) in Bloomington/Normal, from Fort Jesse Road (1600N Rd) to Raab Road (1700N Rd). The construction will consist of three new lanes of hot-mix asphalt pavement and overlaying the existing two lanes of pavement with a new hot-mix asphalt surface, installing culverts, inlets and storm sewer pipe, reshaping or grading new ditches as well as constructing a detention basin. The estimated completion for this project is September 2016. The total estimated area for seeding is ~11 acres.

Respectfully submitted,

Luke D. Hohulin

Luke D. Hohulin, P.E.
Civil Engineer I

STORMWATER EDUCATION PROGRAM FOR BLOOMINGTON-NORMAL & MCLEAN COUNTY

2014 ANNUAL REPORT

ECOLOGY ACTION CENTER

THE ECOLOGY ACTION CENTER HAS COMPLETED THE FOLLOWING TASKS AS PART OF THE STORMWATER EDUCATION AND PUBLIC PARTICIPATION PROGRAM AGREEMENT OF FEBURARY 1, 2013.

2014 TOTAL REACH: 365,612 INTERACTIONS
DIRECT (PROGRAMS, EVENTS, PHONE INQUIRIES): 7,535
MEDIA (NEWSPAPER, RADIO, SOCIAL MEDIA, WEB): 358,077

mCLEANwater.org

EDUCATION PROGRAMS

- Clean Water Programs for 3rd grade classes at Benjamin, Calvary Christian, Cedar Ridge, Colene Hoose, Cornerstone Christian, Epiphany, Fox Creek, Glenn, Grove, Hudson, Irving, Northpoint, Oakdale, Oakland, Parkside, Pepper Ridge, Prairieland, St. Mary's, Sheridan, Sugar Creek and Trinity Lutheran, Washington Elementary (66 classes, 1701 students)

- Presentation for Sunrise Rotary Club including stormwater issues (1 presentation, 55 participants)
- Presentations for ISU Environmental students including stormwater issues (1 presentation, 60 students)
- Presentation for Girl Scouts at Cedar Ridge Elementary targeting water issues (1 presentation, 21 scouts)

- Presentation about environmental stewardship for Northpoint School Cub Scouts who were doing a hike and clean up at Evergreen Lake (28 participants)
- Clean water Presentation for Scribbles Learning Center (15 students)

INFORMATIONAL EVENTS AND PRESENTATIONS

- Co-sponsored Illinois Sustainable Living and Wellness Expo with Illinois Wesleyan University including exhibitors on clean water topics (3,200 participants).
- Mahomet Aquifer presentation for Young Men's Club (60 people)
- Hosted Green Drinks presentation by The Nature Conservancy about the Mackinaw River watershed project.
- Information booth at Sugar Creek Arts Festival, Sweet Corn Blues Festival, & the Bloomington Cultural Fest (5 days, 1503 people)
- Informational booths including clean water protection, Yard Smart and stormwater runoff at
    - Festival ISU stormdrain volunteer recruiting (30 participants)
    - Earth Day Events at State Farm (3 events, 190 participants);
    - Downtown Bloomington Farmer's Market (60 people)
    - Employee Event at AFNI (8 people)
    - Friends of EverBloom Lakes Fest (20 people)
    - Wellness Fair at ISU (62 participants);
    - Wellness Fair at Mitsubishi (150 participants)

YARD SMART PROGRAM

- Hosted Annual Yard Smart Garden Walk on June 28 showcasing area yards that utilize practices that reduce impact on clean water (62 participants). This year's event featured homes and gardens on Bloomington's west side.
- Held 11 rain barrel making workshops with focus on stormwater runoff issues resulting in construction of 55 rain barrels and 275-gallon mega rain harvesters.
- Provided Master Gardener's Home Lawn and Garden Day information booth on Yard Smart program, rain barrels, and stormwater runoff (75 participants)

- Gave presentation on Yard Smart and correlation between pesticide use and declining pollinator populations at Master Gardener's Home Lawn & Garden Day (25 participants)
- Rain Barrel class for Stanford 4H (18 participants)
- Yard Smart information booth at Fell Arboretum Plant Sale including rain barrels (25 participants).
- Yard Smart consultation for Marriott Hotel in Uptown Normal.
- Yard Smart information booth at Glorious Garden Tour (60 participants).
- Answered 139 inquiries from visitors and callers about the YardSmart program, rain barrels, and stormwater issues.
- Implemented complete redesign of EAC landscaping to demonstrate Yard Smart principles with financial assistance from a grant through the Illinois Prairie Community Foundation. New landscaping includes a demonstration rain garden, extensive usage of native plants and cultivars, composting demonstration area, rain barrels, reduced turf grass, native trees and shrubs, winter cover crops, garden boxes, and interpretive signage to explain these strategies and how they help protect clean water. This new landscaping will be one of the stops on the 2015 Yard Smart Garden Walk.

OTHER OUTREACH EFFORTS

- Coordinated Sugar Creek and Constitution Trail Clean Up Event with other nonprofit partners as part of Bloomington-Normal Clean Up Week. Thirty-five volunteers removed approximately one ton of trash from the creek and trail in one day.

- Promoted clean water protection through multi-media campaign:

    - Sponsored Radio spots encouraging clean water protective practices aired on four local radio stations--WGLT, WJBC, WBNQ, and WBWN, reaching approximately 71,000 area listeners.

    - Developed educational postcard on proper septic system maintenance mailed to 334 McLean County households in the lake watersheds.

    - Successful Septic system maintenance postcard mailing from earlier in the year also distributed to all lake households via the Lake Bloomington Breeze Newsletter and reprinted as a handout for distribution at events.

- Developed and implemented social media marketing campaign for mCLEANwater.org watershed clearinghouse website—weekly #WaterWednesday social media posts on Facebook and Twitter promote practices that help protect local water supplies and direct people to the watershed website as an additional resource. These posts resulted in over 3,000 impressions on Facebook and approximately 10,000 on Twitter.

- Storm drain stenciling: a total of 47 volunteers spent 115 hours painting 229 stormwater inlets and distributing information on stormwater runoff pollution and ways to reduce this pollution to 1014 homes in Normal and Bloomington (see attached map).

- Formed focus group for ISU Stevenson Center watershed issues study. Promoted resulting report through mCLEANwater.org watershed website and social media channels.

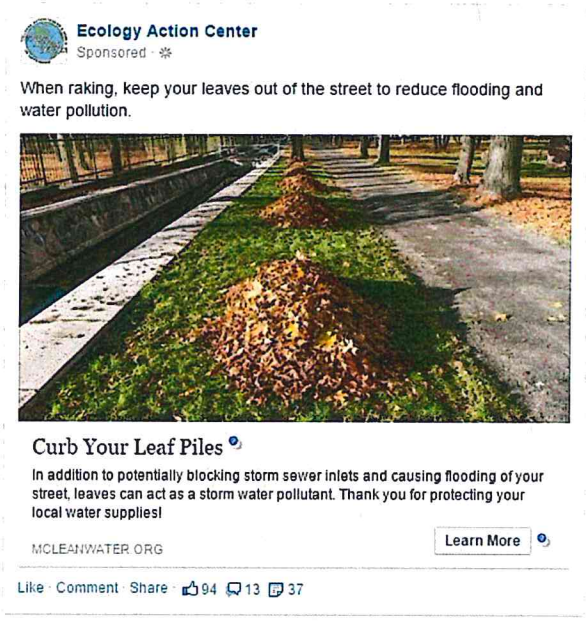
- Promoted the Illinois Green Office Challenge, which encourages businesses to take action to minimize waste and water use, among other sustainable behaviors.

- Certified as a green business by the Illinois Green Business Association, which includes meeting standards to conserve water and reduce storm water runoff pollution.

- Ongoing participation in Watershed Plan Implementation Committee and Urban Subcommittee including field work efforts to identify suitable water sample station locations.

- Facilitation of McLean County Greenways Committee as Chair.

- Fall "Curb Your Leaves" Awareness Campaign encouraged proper management of leaves by residents instead of raking them into the street. Outreach included radio spots on WGLT and WJBC, social media posts and paid advertisements on Facebook, and a press release resulting in coverage in the Pantagraph and a live interview on WGLT's Sound Ideas program. Total reach of this campaign was approximately 85,000 impressions through traditional media (radio and print) and 16,015 targeted interactions through social media (Facebook).



- Produced and aired Earth Day awareness radio spots on WBNQ.

- Used targeted Facebook advertising to promote rainbarrel workshops and Clean Up Day reaching local residents 74,339 times.

- Produced and distributed quarterly EAC newsletter to 270 member households with information on stormwater issues, plus made content available on EAC website.

- Promotion of clean water issues and strategies for protection through resource-rich websites—6,996 visits to 85 water-related pages and posts on ecologyactioncenter.org and 1,512 visits to pages about clean water content on mCLEANwater.org.

- Promotion of clean water and watershed awareness through social media channels. EAC made 119 water-related posts on Facebook and Twitter reaching a total of 76,627 individuals.

- Sent monthly EAC Action News email newsletter to over 930 email subscribers with information about rainbarrel workshops, watershed issues, pesticides and Yard Smart topics.

Septic System Maintenance

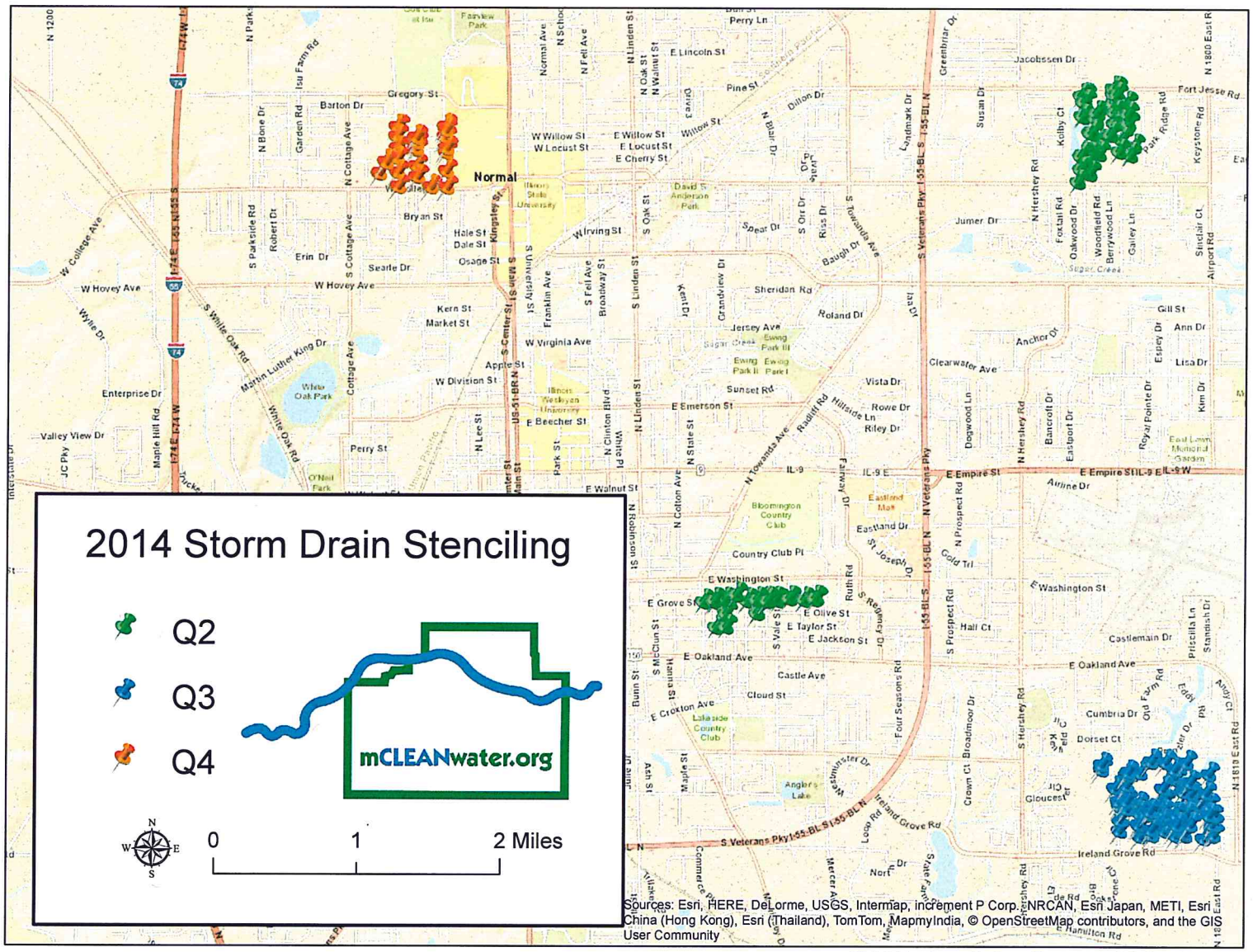
It saves you money & protects clean water!

mCLEANwater.org

Septic System Maintenance Tips

- There are many reasons to keep a maintained septic system; most importantly it saves you money. Maintenance will cost $300-$500 every 3 to 5 years but replacing a system costs $5,000-$15,000.
- Pump your septic tank every 3 to 5 years - pumping the tank on a periodic basis is one of the best ways to keep a system functioning the maximum length of time.
- Don't build on top of or drive across any part of your septic system.
- If you have a sand filter, be sure use the correct type of chlorine tablet (not swimming pool tablets!) and maintain proper chlorine levels in the chlorinator (see other side for list of suppliers).
- Avoid using any special additives to your septic system - they generally don't work and can deteriorate your system instead.
- Don't pour grease, fats, or chemicals like paints and solvents down your sink.
- Avoid garbage disposal usage - it can shorten the life of your septic system.
- For a list of licensed septic system installers and pumpers and more detailed information on septic system maintenance, contact the McLean County Health Department at 309-888-5482 or consult their website at health.mcleancountyil.gov.

City of Bloomington Illinois | Town of Normal | McLean County Health Department Partners in Prevention | McLean County Soil & Water Conservation District | Ecology Action Center



2014 Ecology Action Center - Michael Brown