

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

year 8

Website address: <http://www.epa.state.il.us/water/permits/storm-water/forms/annual-facility-inspection-ms4.pdf>

Complete each section of this report.

REPORTING PERIOD FROM: MARCH, 2010	TO: MARCH 2011	ILR40
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MS4 OPERATOR INFORMATION: (As it appears on the current permit)

NAME: City of McHenry		TELEPHONE NUMBER: 815-363-2190	
MAILING ADDRESS: 333 S. Green Street			
CITY: McHenry	STATE: IL	ZIP: 60050	COUNTY: McHenry
CONTACT PERSON: (Person responsible for Annual Report) Jon M. Schmitt / Stephen Bicking (HR Green, Inc.)			

NAME(S) OF GOVERNMENTAL ENTITY(IES) IN WHICH MS4 IS LOCATED: (As it appears on the current permit)

City of McHenry	

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"/>

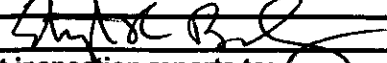
B.
Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum 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.

SIGNATURE: 	DATE: 5/26/11
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Please submit inspection reports to:

Illinois Environmental Protection Agency, DWPC
Compliance Assurance Section
1021 North Grand Avenue East, POB 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.

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Part A. Changes to Best Management Practices

There were no changes in Year 8 to the Best Management Practices (BMPs) that were outlined in the NOI Permit for Years 6-10.

Part B. Status of Compliance with Permit Conditions

The status of BMPs and measurable goals performed in Year 8 are described below.

1. Public Education and Outreach

The City of McHenry is committing to conduct Public Education and Outreach as part of its permit. Public Education and Outreach requires implementation of a program to distribute educational material to the community or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants to stormwater runoff. The City of McHenry commits to implementation of BMPs related to A.1 and A.2 as described below.

A.1 Distributed Paper Material

Measurable Goals: Publish an article pertaining to stormwater in at least one quarterly newsletter.

Status: An article was published in the quarterly Newsletter.

2. Public Participation/Involvement

The City of McHenry will perform activities and services related to the Public Participation/Involvement minimum control measure. BMPs will be implemented under BMP numbers B.4 and B.6 as described below.

B.4 Public Works Committee Meeting

The City of McHenry will conduct a Public Works Committee Meeting to discuss its proposed stormwater management plan.

Measurable Goals: Discuss a summary of the current NPDES Phase II program status at least once annually at a Committee Meeting.

Status: The City presented a summary of the ongoing NPDES Phase II program implementation at a Committee Meeting in Year 8. The City's webpage also has a section devoted to discussing suggestions to alleviate stormwater pollution.

B.6 Program Coordination

Measurable Goals: Promote and coordinate a volunteer cleanup walk along the banks of Boone Creek.

Status: **The City supports an annual cleanup walk along the banks of Boone Creek. Information on the Boone Creek Watershed Alliance can be found at www.boonecreekwatershed.org.**

3. Illicit Discharge Detection and Elimination

The City of McHenry will perform activities related to the Illicit Discharge Detection and Elimination (IDDE) minimum control. The majority of these activities will be related to IDDE program design. The requirements of an IDDE program include the following:

- Develop a storm sewer system map that shows the locations of all outfalls and the names and locations of all water of the US that receive discharges from those outfalls.
- Prohibit non-storm water discharges into the storm sewer system and implement appropriate enforcement procedures and actions.
- Develop and implement a plan to detect and address illicit discharges into the storm sewer system.
- Educate public employees, businesses and general public of hazards associated with illegal discharges and improper disposal of waste.
- Identify the appropriate best management practices and measurable goals.

BMPs will be implemented under BMP numbers C.1, C.2, C.3, C.4, C.5, and C.7 as described below.

C.1 Storm Sewer Map Preparation

The City of McHenry will prepare outfall map to allow for tracking of dry weather flow inspections and outfall maintenance.

Measurable Goals: The City will continue to make any necessary revisions to the Outfall Map, if additional outfalls are located.

Status: The City has continued to make any necessary revisions to the Outfall Map, as additional outfalls have been located. The City is currently locating outfalls with GPS coordinates.

C.2 Review, Consider, and Adopt Ordinance Language to Prohibit Non-Stormwater Discharges to the Storm Sewer or Drainage System

The City of McHenry will review, consider and adopt ordinance language to prohibit non-stormwater discharges to the storm sewer or drainage system and to provide an enforcement mechanism for the illicit discharge detection and elimination program.

Measurable Goals: The City will continue to enforce its Illicit Discharge Ordinance. A list of enforcement actions will be included with each annual update.

Status: The City has continued to enforce its Illicit Discharge Ordinance. No enforcement actions were needed.

C.3 Detection/Elimination Prioritization Plan

The City of McHenry will develop a plan to detect and address illicit discharges. The plan developed by the City of McHenry will be dependent on several factors, including available resources, size of staff, and degree and character of its illicit discharges.

Measurable Goals: The City will utilize Dry Weather Screening to identify illicit discharges. The Storm Sewer Outfall Map will aid in identifying areas at risk for illicit discharges. Outlets shown on the Outfall Map will be prioritized and visited at least once every 5 years.

Status: The City has utilized Dry Weather Screening to identify illicit discharges. The Storm Sewer Outfall Map has aided in identifying areas at risk for illicit discharges. Outlets shown on the Outfall Map have been prioritized and will be visited at least once every 5 years.

C.4 Illicit Discharge Tracing Procedures

Develop a plan of action (procedure) for how to respond to a report of an observed/suspected illicit discharge.

Measurable Goals: The City will finalize the draft Illicit Discharge Tracing Procedures already in place and will train and educate employees in relevant positions to perform these activities. The City will utilize these Tracing Procedures to find the source of illicit discharges. The Storm Sewer Outfall Map will assist in identifying areas to be inspected.

Status: The City has finalized the draft Tracing Procedures and has continued to educate employees to perform illicit discharge tracing and outfall screening. The City has begun checking outfalls for illicit discharges using the Storm Sewer Outfall Map.

C.5 Illicit Source Removal Procedures

A written procedure will be prepared in conjunction with the illicit discharge ordinance and tracing procedures. This procedure will include methods for the removal of illicit discharges, including methods for obtaining compliance from private property owners identified through the tracing process and/or contacting the appropriate enforcement agency.

Measurable Goals: The City will use increasing levels of enforcement to obtain compliance with the Illicit Discharge Ordinance. Enforcement actions to be used include writing letters to request voluntary compliance in disconnection of illicit connections and/or stopping illicit discharges, requiring owners to provide evidence of compliance or requiring owners to provide additional site BMPs. In extreme cases, the City may levy fines, undertake remediation itself (and charge the owner for the work), or deny the property access to the MS4.

Status: The City has continued to enforce the IDDE Ordinance. The City will continue to enforce the Ordinance and in extreme cases, may levy fines, undertake remediation itself, or deny the property access to the MS4. No enforcement actions were needed.

C.7 Visual Dry Weather Screening

The City will seek out opportunities for members of its staff to be trained in performing dry weather screening.

Measurable Goals: Incorporate the draft training procedures into a written policy. Prepare a multi-year schedule for visiting each known outlet. Prepare a standardized form, which will be used to keep a record of the screenings as they take place. Utilize the procedures to identify illicit discharges.

Status: The City has incorporated the draft procedures into a written policy. The City has prepared a multi-year schedule for visiting each known outlet, and has prepared a standardized form to use for keeping a record of the screenings as they take place.

4. Construction Site Runoff Control

McHenry County has adopted a Stormwater Management Ordinance (SMO) that establishes the minimum stormwater management requirements for development in McHenry County. The WDO, which is enforced by McHenry County as well as by certified communities in the county, establishes standards for construction site runoff control. The enforcement of the SMO implements BMPs under BMP numbers D.1, D.2, D.3, D.4, D.5, and D.6. The status or progress for each of the measurable goals related to these BMPs is presented below.

D.1 and D.2 Development Ordinances

Measurable Goal: The City has already adopted various development ordinances, including the SMO. These ordinances provide significant protections for natural stormwater resources. These ordinances will be revised, as necessary, when new needs arise.

Status: The City continues to enforce the SMO, participated in SMO revision processes, and adopted amendments.

D.3 Other Waste Control Regulations

Measurable Goal: The McHenry County SMO will be amended to include proper storage and disposal of hazardous materials and requires procedures to be developed for preventing and containing spills of hazardous materials. Compliance is already being obtained in this area by reviewing construction SWPPPs for compliance with ILR-10 as part of the development review process.

Status: The City continues to enforce the SMO, participate in SMO revision processes, and adopt amendments.

D.4 – D.6 Development Procedures

Measurable Goals: Continue to follow current Development Procedures for the orderly review and inspection of development activities. The Erosion and Sediment Control Tracking Sheet will continue to be utilized. These inspection procedures include information on how notices of erosion control failures reported by the public will be directed to inspectors and City staff for action.

Status: The City continues to follow current Development Procedures as well as the Erosion and Sediment Control Tracking Sheet. Notices of erosion control failures reported by the public have been directed to inspectors and City staff for action. The City is also working with the County to enforce the Ordinance.

5. Post-Construction Runoff Control

The McHenry County Stormwater Management Ordinance (SMO) establishes the minimum stormwater management requirements for development in McHenry County. The SMO establishes standards for post-construction site runoff control. These standards apply to any new development or redevelopment resulting in over 0.5 acres of new impervious area. The enforcement of the SMO, in conjunction with other SMC activities and functions, implements BMPs under BMP number E.2 and E.3. The status or progress for each of the measurable goals related to these BMPs is presented below.

E.2 Post-Construction Regulatory Program

Measurable Goals: Enforce the SMO, participate in SMO revision process, and adopt amendments.

Status: The City continues to enforce the SMO, participate in SMO revision process, and adopt amendments.

E.3 Long Term O&M Procedures

Measurable Goal: The City will continue to require the creation of homeowners associations to maintain stormwater infrastructure associated with new development. The City also will continue to require the creation of a dormant SSA, which will enable the City to take over maintenance of the stormwater facilities, at the expense of the members of the association, should the association disband or fail to fulfill its maintenance requirements. The City will also continue to inventory new and existing detention facilities and will identify outfalls with the use of the Storm Sewer Outfall Map.

Status: The City continues to require the creation of homeowners associations and dormant SSAs. The City has also continued to inventory new and existing detention facilities and identify outfalls with the use of the Storm Sewer Outfall Map.

6. Pollution Prevention/Good Housekeeping

This minimum control measure involves the development and implementation of an operation and maintenance program to reduce the discharge of pollutants from municipal operations. This program must include a training program for municipal employees. City of McHenry will perform BMPs under BMP number F.1, F.2, F.3, and F.4 described below.

F.1 Municipal Staff Training

Measurable Goals: The City has developed a Municipal Pollution Prevention Plan. The Pollution Prevention Plan as well as the Municipal Operation and Maintenance Program outline employee training procedures which will continue to be implemented by the City.

Status: The City continues to implement the Pollution Prevention Plan as well as the Municipal O&M Program, which outline training procedures that have continued to be implemented by the City. The City's webpage also advertises methods of runoff reduction that can be implemented by residents.

F.2-F.3 Municipal Properties Operation and Maintenance Program

The City of McHenry will examine and subsequently alter their own actions to help ensure a reduction in the amount and type of pollution that: (1) collects on streets, parking lots, open spaces, and storage and vehicle maintenance areas and is discharged into local waterways; and (2) results from actions such as environmentally damaging land development and flood management practices or poor maintenance of storm sewer systems.

Measurable Goals: The City has finalized the draft Municipal O&M Program and the draft Pollution Prevention Plan, which outline employee training procedures and will help set future goals as the programs develop and continue in the future. The Municipal Pollution Prevention Plan outlines Municipal Activities to safeguard against contaminating local watersheds. The City will continue to schedule both regular street sweeping activities and storm sewer system cleaning. The City has also adopted Spill Prevention and Control Procedures, which include hazardous waste and procedures for the prevention and containment of hazardous material spills.

Status: The City continues to implement the Municipal O&M Program, the Pollution Prevention Plan, and the Spill Prevention and Control Procedures. The City continues to schedule regular street sweeping activities and storm system cleaning on an as-needed basis.

F.4 Municipal Operations Waste Disposal

The City of McHenry will examine and subsequently alter their own actions to help ensure a reduction in the amount and type of pollution that results from waste disposal operations, such as separate storm sewer systems, roads and parking lots, maintenance and storage yards (including salt/sand storage and snow disposal areas), and waste transfer stations.

Measurable Goals: The City has finalized the Municipal O&M Program and the Pollution Prevention Plan. The City has also adopted Spill Prevention and Control Procedures, which include hazardous waste and procedures for the prevention and containment of hazardous material spills.

Status: The City continues to implement the Municipal O&M Program, the Pollution Prevention Plan, and the Spill Prevention and Control Procedures.

Part C. Information and Data Collection Results

The protocol established in the permit was followed; please see the attached Illicit Discharge Observation Forms for documentation pertaining to illicit discharge observations.

Part D. Summary of Year 9 Stormwater Activities

Below are listed the various BMPS which have milestones to be completed in Year 9, as outlined in the NOI as part of the second permit term (for Years 6-10). The specific milestone to be completed for each BMP is shown.

- A.1 – Prepare at least one (1) article pertaining to stormwater in the newsletter at least two times a year.
- B.4 – Discuss a summary of the current program status at least once annually at a Public Works Committee meeting.
- B.6 – Continue to promote an annual clean-up walk along the banks of Boone Creek.
- C.1 – Continue to make any necessary revisions to the Sewer Outfall Map, if additional outfalls are located.
- C.2 – Continue to enforce the Illicit Discharge Ordinance and include a list of enforcement actions with each annual update.
- C.3 – Continue to utilize Dry Weather Screening to identify illicit discharges. Continue to prioritize outlets shown on the Outfall Map and visit them at least once every 5 years.
- C.4 – Continue educating employees to perform illicit discharge tracing and outfall screening and continue finding illicit discharges using the Storm Sewer Outfall Map.
- C.5 – Continue enforcing the IDDE Ordinance and in extreme cases, levy fines, undertake remediation, or deny the property access to the MS4.
- C.7 – Continue to utilize the multi-year schedule and the standardized form for visiting each known outlet and keep a record of the screenings as they take place.
- D.1-D.2 - Continue to enforce the SMO, participate in SMO revision processes, and adopt amendments.
- D.3 – Continue to enforce the SMO, participate in SMO revisions, and adopt amendments.
- D.4-D.6 – Continue to follow current Development Procedures as well as the Erosion and Sediment Control Tracking Sheet. Continue to direct notices of erosion control failures reported by the public to inspectors and City staff for action. Continue to work with the County to enforce the Ordinance.
- E.2 – Continue to enforce the SMO, participate in SMO revision process, and adopt amendments.
- E.3 – Continue to require the creation of homeowners associations and dormant SSAs. Continue to inventory new and existing detention facilities and identify outfalls with the use of the Storm Sewer Outfall Map.
- F.1 – Continue to implement the Pollution Prevention Plan as well as the Municipal O&M Program, which outline training procedures that have continued to be implemented by the City.
- F.2-F.3 – Continue to implement the Municipal O&M Program, the Pollution Prevention Plan, and the Spill Prevention and Control Procedures. The City continues to schedule regular street sweeping activities and storm system cleaning on an as-needed basis.
- F.4 - Continue to implement the Municipal O&M Program, the Pollution Prevention Plan, and the Spill Prevention and Control Procedures.

Part E. Notice of Qualifying Local Program

There are currently no Qualifying Local Programs that the City wishes to rely on to meet the NPDES Phase II requirements.

Part F. Construction Projects Conducted During Year 8

There were no construction projects initiated by the City that disturbed more than one acre of land during Year 8.