



Illinois Environmental Protection Agency

Bureau of Water • 1021 North Grand Avenue East • 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, 2010 To March, 2011

Permit No. ILR40

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

Name: City of Warrenville

Mailing Address: 3 S 258 Manning Avenue County: DuPage

City: Warrenville State: IL Zip: 60555 Telephone: (630) 393-9050

Contact Person: Philip M. Kuchler, Senior Civil Engineer Email Address: pkuchler@warrenville.il.us
(Person responsible for Annual Report)

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

County of DuPage
State of Illinois

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))


Owner Signature:

Philip M. Kuchler
Printed Name:

5/17/11
Date:

Senior Civil 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

City of Warrenton Annual Facility Inspection Report
NPDES Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4)
March 2010 – March 2011

PLEASE NOTE THAT ANNUAL REPORTING FOR SECTIONS B AND D CORRELATE TO EACH NOTICE OF INTENT BMP AS CHECKED ON ORIGINAL PERMIT AS FOLLOWS:

A. Public Education and Outreach

- A.1 Distributed Paper Material
- A.2 Speaking Engagement
- A.3 Public Service Announcement
- A.4 Community Event
- A.5 Classroom Education Material
- A.6 Other Public Education

B. Public Participation/Involvement

- B.1 Public Panel
- B.2 Educational Volunteer
- B.3 Stakeholder Meeting
- B.4 Public Hearing
- B.5 Volunteer Monitoring
- B.6 Program Coordination
- B.7 Other Public Involvement

C. Illicit Discharge Detection/Elimination

- C.1 Storm Sewer Map Preparation
- C.2 Regulatory Control Program
- C.3 Detection/Elimination Prior. Plan
- C.4 Illicit Discharge Tracing Proced.
- C.5 Illicit Source Removal Procedures
- C.6 Program Evaluation/Assessment
- C.7 Visual Dry Weather Screening
- C.8 Pollutant Field Testing
- C.9 Public Notification
- C.10 Other Illicit Discharge Controls

D. Construction Site Runoff Control

- D.1 Regulatory Control Program
- D.2 Erosion & Sed. Control BMPs
- D.3 Other Waste Control Program
- D.4 Site Plan Review Procedures
- D.5 Public Inform. Handling Proc.
- D.6 Site Inspection/Enforce. Proc.
- D.7 Other Constr. Site Runoff Controls

E. Post-Construction Runoff Control

- E.1 Community Control Strategy
- E.2 Regulatory Control Program
- E.3 Long Term O&M Procedures
- E.4 Pre-Const Review of BMP Designs
- E.5 Site Inspect. During Construction
- E.6 Post-Construction Inspections
- E.7 Other Post-Const Runoff Controls

F. Pollution Prevention/Good Housekeep.

- F.1 Employee Training Program
- F.2 Inspection/Maintenance Program
- F.3 Muni Operations Storm. Control
- F.4 Muni Operations Waste Disposal
- F.5 Flood Mgmt/Assess Guidelines
- F.6 Other Muni Operations Controls

In addition to our co-permitting efforts with the County of DuPage, as outlined in DuPage County's Annual Facility Inspection Report, the City of Warrentville has accomplished the following tasks in the past year:

- 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.*

Best Management Practices:

BMP No. A.1-Distributed Paper Material, A.2-Speaking Engagement, A.3-Public Service Announcement, A.4-Community Event, and A.5-Classroom Education Material.

Measurable Goal(s), including frequencies: The City of Warrentville relies on DuPage County for most of the activities related to these Best Management Practices. The County of DuPage has developed a general education and outreach program on storm water and water quality that is outlined in their annual report.

Year 8 Milestones: Assist the County in assessing the program through a survey of educational audiences after educational efforts have been implemented over the first permit term and use these results to make changes to current offerings or to establish new efforts if there is a deficiency.

Completed Tasks in Year 8: The City of Warrentville has not received any requests from DuPage County for assistance in evaluating educational efforts. In the past year, City has completed the following tasks:

- The public is invited to attend the regularly scheduled Environmental Advisory Commission (EAC) meetings and notices for the meetings are included on the City's website and are also advertised on the local access cable television channel.
- The City of Warrentville sponsored Arbor Day activities and also coordinated with the Conservation Foundation to sponsor a public River Sweep event to clean the West Branch of the DuPage River and Ferry Creek.

BMP No. B.3-Stakeholder Meeting

Measurable Goal(s), including frequencies: The City of Warrenville relies on DuPage County for most of the activities related to this Best Management Practice. The municipal engineers and water quality stakeholder committee will meet on a regular basis to review and discuss program development as it pertains to Appendix J of the DuPage County Stormwater Management Plan and the Federal Mandates such as the NPDES Phase II and TMDLs, as outlined in DuPage County's annual report.

Year 8 Milestones: Continue to participate in the process to update the DuPage County Countywide Stormwater and Flood Plain Ordinance by DuPage County.

Completed tasks in Year 8: In the past year, City has completed the following tasks:

- The Senior Civil Engineer attended monthly meetings of the DuPage County Municipal Engineers Group where discussions regarding water quality improvements regularly take place.
- The Senior Civil Engineer has been actively involved with DuPage County and their efforts to update the DuPage County Countywide Stormwater and Flood Plain Ordinance.

BMP No. B.4-Public Hearing

Measurable Goal(s), including frequencies: The City of Warrenville relies on DuPage County for most of the activities related to this Best Management Practice. As new updates to the DuPage County Stormwater Management Plan are developed there will continue to be public hearings in which the public will have an opportunity to voice their comments.

Year 8 Milestones: Participate in or assist in public hearings for possible DuPage County Stormwater Management Plan Appendix updates as needed.

Completed Tasks in Year 8: The City provided formal review comments during the first 60-day Public Comment Period on the proposed update to the Countywide Stormwater Ordinance.

BMP No. B.5-Volunteer Monitoring

Measurable Goal(s), including frequencies: The City of Warrenville relies on DuPage County for most of the activities related to this Best Management Practice. The volunteer monitoring group will select appropriate site in all impaired watersheds throughout DuPage County and conduct training through the Conservation Foundation and the Chicago Wilderness organizations to make data available through the IDNR-INRIN database. This database can then be used to draw correlations and trends on the improvements to the impaired watersheds in DuPage.

Year 8 Milestones: Assist in evaluating the program and data to see how it correlates to the other efforts being implemented through the NPDES Phase II program.

Completed Tasks in Year 8: In the past year, City has completed the following tasks:

- City staff continues to have a working relationship with the Conservation Foundation and its members who monitor the West Branch of the DuPage River, Ferry Creek and Spring Brook in Warrenville.
- The City participated in River Sweep activities to clean the West Branch of the DuPage River and Ferry Creek.
- Outfalls to all streams and rivers have been mapped and are the logical locations at which to screen for illicit discharges.

BMP No. C.1-Storm Sewer Map Preparation, C.2-Regulatory Control Program, C.3-Detection/Elimination Prioritization Plan, C.4-Illicit Discharge Tracing Procedures, C.5-Illicit Source Removal Procedures, and C.6-Program Evaluation and Assessment.

Measurable Goal(s), including frequencies: The City of Warrenville relies on DuPage County for most of the activities related to this Best Management Practice. Develop IDDE procedures with a County and municipal workgroup, that will map all storm sewer outfalls; determine proper procedures to detect illicit discharges as well as procedures for elimination of discharges; possible inclusion in ordinances (where appropriate) to prohibit non-storm water discharges into storm sewer system and have appropriate enforcement procedures; and evaluation of monitoring procedures.

Year 8 Milestones: Submit updated map to storm sewer atlas map to DuPage County, respond to DuPage County notices, enforce ordinance and keep records.

Completed tasks in Year 8: The City of Warrenville provided an updated digital storm sewer atlas map to DuPage County. There were no notices from the County to the City.

BMP No. D.1-Regulatory Control Program, D.2-Erosion and Sediment Control BMPs, D.4-Site Plan Review Procedures, D.5-Public Information Handling Procedures, D.6-Site Inspection/Enforcement Procedures.

Measurable Goal(s), including frequencies: The City of Warrenville relies on DuPage County for most of the activities related to this Best Management Practice. Revised ordinances effective August 2008 control BMP's during construction.

Year 8 Milestones: Conduct a minimum of two inspections for construction runoff site control per permit issued within the County of DuPage.

Completed tasks in Year 8: The City relies upon the County Ordinance for erosion control inspection requirements. In the past year, City has completed the following tasks:

- The Senior Civil Engineer regularly attended monthly meetings of the DuPage County Municipal Engineers workgroup, where discussions regarding water quality issues addressed in Appendix F and sediment and erosion control BMP technology occurred. Some of these meetings included manufacturer presentations of new erosion and sedimentation control products which are now available.
- The City of Warrenville continued its aggressive erosion control program, instituted in January 2008. All construction sites are regularly inspected by the Building Department, and inspections for compliance with sediment and erosion control requirements have been made a part of other building related inspections. Therefore, each construction site in the City will receive numerous sedimentation and soil erosion control inspections during the period that the ground cover is disturbed. The Senior Civil Engineer inspects sites periodically and when concerns are reported.

BMP No. E.2-Regulatory, E.3-Long Term O&M Procedures, E.4-Pre-Construction Review of BMP Designs, E.5-Site Inspections During Construction, E.6-Post-Construction Inspections.

Measurable Goal(s), including frequencies: The City of Warrenville relies on DuPage County for most of the activities related to this Best Management Practice. Revised ordinances effective August, 2008 control post-construction BMP's.

Year 8 Milestones: Use the water Quality Stakeholder committee and Municipal Engineers group to evaluate problematic areas of the post construction BMPs being utilized in DuPage County and make recommendations where necessary.

Completed Tasks in Year 8: The City relies upon the County Ordinance for erosion control inspection requirements. In the past year, City has completed the following tasks:

- The Senior Civil Engineer regularly attended monthly meetings of the DuPage County Municipal Engineers workgroup, where discussions regarding water quality issues addressed in Appendix F and sediment and erosion control BMP technology occurred. Some of these meetings include manufacturer presentations of new erosion and sedimentation control products which are now available.
- The City of Warrenville staff and elected officials have proactively encouraged developers to incorporate permanent BMPs into their final design, including permeable pavers and bioswales, and have offered incentives to do so wherever possible with new development.
- The City continues to perform street sweeping more frequently and consistently than in the past.

BMP No. F.1-Employee Training Program

Measurable Goal(s), including frequencies: The City of Warrenville relies on DuPage County for most of the activities related to this Best Management Practice. The City of Warrenville will determine proper training procedures on good housekeeping and pollution prevention for appropriate supervisory and/or management employees. Supervisors and/or managers will then provide their employees with the appropriate training/information based on the needs of the facility.

Year 8 Milestones: Based on completed session surveys and suggestions, evaluate the procedures for effectiveness and improve training as necessary. Offer a refresher training session to previous attendees that include updates. Make arrangements for regular training sessions.

Completed tasks in Year 8: In the past year, City has completed the following tasks:

- City of Warrenville public works employees received training on stormwater pollution prevention for construction sites and took a quiz on the video presentation. This training helped to educate public works staff, so they are educated on erosion and sediment control and can report any deficiencies they observe during their regular duties throughout the City.

BMP No. F.2-Inspection and Maintenance Program, F.4-Municipal Operations Waste Disposal

Measurable Goal(s), including frequencies: The City of Warrenville relies on DuPage County for most of the activities related to this Best Management Practice. A working group will investigate and develop procedures for inspection and maintenance of

government-owned stormwater facilities, buildings and grounds, and infrastructure that concentrate on employee training and record keeping.

Year 8 Milestones: Facilities will submit record keeping of pollution prevention and good housekeeping activities for annual reporting. Coordinate with employee training to incorporate any revisions into pollution prevention and good housekeeping procedures and guidelines.

Completed tasks in Year 8: In the past year, City has completed the following tasks:

- The City of Warrenville continued a program of regularly scheduled soil erosion control inspections for all construction sites.
- Guidelines for erosion inspection record keeping were established and continue to be implemented to document all inspections.
- The Senior Civil Engineer attended monthly meetings of the DuPage County Municipal Engineers workgroup where discussions regarding inspection and maintenance of government-owned stormwater facilities again took place. The City owns and maintains very few detention facilities.

BMP No. F.5-Flood Management/Assess Guidelines

Measurable Goal(s), including frequencies: The City of Warrenville relies on DuPage County for most of the activities related to this Best Management Practice. Continue on-going efforts to ease flooding and flood damages to the maximum extent practicable. Review and revise, as needed, Appendix F and other related appendices. Continue as scheduled and track progress of watershed plans, hydrologic and hydraulic models, and FIRM map updates.

Year 8 Milestones: Continue assistance in watershed plans, models, and FIRM map updates.

Completed tasks in Year 8: In the past year, City has completed the following tasks:

- The Senior Civil Engineer attended monthly meetings of the DuPage County Municipal Engineers workgroup where discussions regarding mapping and watershed planning took place. Many of these meetings include presentations by the County on different acceptable statistical techniques.
- The Senior Civil Engineer and other staff actively coordinated with DuPage County in the Addendum to the West Branch DuPage River Watershed Plan and associated FEQ modeling that was adopted by the DuPage County Board in January 2011.

- C. *Attach results of information collected and analyzed, including monitoring data, if any, during the reporting period.*

The City of Warrenville relies on DuPage County for most of the activities related to data collection and water quality monitoring. DuPage County, together with volunteer organizations, has completed habitat and biological surveys on many of the waterways in the County and their findings are included in their annual report.

- D. *Attach a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule).*

BMP No. A.1-Distributed Paper Material, A.2-Speaking Engagement, A.3-Public Service Announcement, A.4-Community Event, and A.5-Classroom Education Material.

- Include one story related to stormwater runoff and water quality annually in the City newsletter. Add one water-quality related link to the City's website.
- Continue to hold annual Arbor Day events, with an emphasis on trees and other vegetation native to Illinois. Continue involvement in and support of annual river cleanup days on local rivers and streams.
- The City will continue to post EAC information on the City website.
- The City's Senior Civil Engineer will continue to attend County meetings.
- The City will update its website to include a webpage devoted to providing information on examples of BMP's that exist throughout the community.

BMP No. B.3-Stakeholder Meeting, B.4-Public Hearing, and BMP No. B.5-Volunteer Monitoring

- The EAC will include an agenda item dedicated to the discussion of local issues affecting stormwater runoff and water quality and will make appropriate follow-up recommendations to the City Council at least once each year at a regularly scheduled EAC meeting.
- The City's Senior Civil Engineer will continue to attend meetings of the DuPage County Municipal Engineers Workgroup and the DuPage County Water Quality Stakeholders on a regular basis.
- DuPage County is in the midst of updating the DuPage County Countywide Stormwater and Flood Plain Ordinance. The City has participated in various public meetings, submitted comments during the first public comment period and will continue to review and comment on subsequent drafts of the ordinance.

BMP No. C.1-Storm Sewer Map Preparation, C.2-Regulatory Control Program, C.3-Detection/Elimination Prioritization Plan, C.4-Illicit Discharge Tracing Procedures, C.5-Illicit Source Removal Procedures, and C.6-Program Evaluation and Assessment.

- Update the atlas to reflect new construction and provide a copy of the updated atlas to DuPage County for their use in identifying MS4 outfalls to Waters of the U.S.
- The City will continue to enforce the recently adopted IDDE requirements.
- The City will respond to County notices, including tracing all identified illicit discharges and ensuring corrective action and remediation. The City will keep records of these notices and the response.

BMP No. D.1-Regulatory Control Program, D.2-Erosion and Sediment Control BMPs, and D.6-Site Inspection/Enforcement Procedures.

- The City will continue to coordinate with DuPage County regarding updates to the Stormwater Ordinance on a regular basis in order to stay current with local and national regulations. The City will adopt any further required ordinance changes.
- The City will refine review forms and inspection records.
- The City will continue to enforce the installation and maintenance of soil erosion and sedimentation control measures during construction activities.

BMP No. E.2-Regulatory, E.3-Long Term O&M Procedures, E.4-Pre-Construction Review of BMP Designs, E.5-Site Inspections During Construction, E.6-Post-Construction Inspections.

- City staff will continue to enforce the DuPage County Countywide Stormwater and Flood Plain Ordinance and the City's additional requirements.
- The City will refine review forms and inspection records.
- The City will continue aggressive and regular street sweeping program.

BMP No. F.1-Employee Training Program, F.2-Inspection and Maintenance Program, F.4-Municipal Operations Waste Disposal, and F.5-Flood Management/Assess Guidelines.

- Hold one training workshop per year for public works employees on the subject of pollution prevention.
- Review snow removal procedures and scheduling and modify the City street sweeping program as necessary.

E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

The City is relying on the County of DuPage to satisfy some of their permit obligations. City staff will continue to work closely with County staff to ensure that all requirements of the City's NPDES permit are being met.

F. Attach a list of construction projects that your entity has paid for during the reporting period.

- Woodland Road Sanitary Sewer Extension and Road Resurfacing
- Fourth Street and Jackson Street Resurfacing
- Batavia Road LAPP (combination of ARRA and City of Warrentville funds)
- Annual Road Resurfacing Project
 - Briggs Avenue
 - Estes Street
 - Mack Road (Route 59 east to City limits)
- Concrete Curb and Gutter Repairs – 1,300-feet in Fox Hollow Subdivision