



# 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 0274

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

Name: City of Warrenville Mailing Address 1: 3s258 Manning Avenue  
Mailing Address 2: \_\_\_\_\_ County: DuPage  
City: Warrenville State: IL Zip: 60555 Telephone: 630-393-9050  
Contact Person: Kristine Hocking Email Address: khocking@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:

Kristine Hocking

Printed Name:

5/15/2018  
Date:

Senior Civil Engineer

Title:

EMAIL COMPLETED FORM TO: [epa.ms4annualinsp@illinois.gov](mailto: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.

City of Warrenville Annual Facility Inspection Report  
NPDES Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4)  
March 2017 – March 2018 (Year 2)

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

- |   |   |
|---|---|
| <b>A. Public Education and Outreach</b>           | <b>D. Construction Site Runoff Control</b>    |
| <b>B. Public Participation/Involvement</b>        | <b>E. Post-Construction Runoff Control</b>    |
| <b>C. Illicit Discharge Detection/Elimination</b> | <b>F. Pollution Prevention/Good Housekeep</b> |

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 Warrenville 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:**

**A.1-Distributed Paper Material:** DuPage County employs a Stormwater Outreach Coordinator and is engaged in contracts with consultants to provide education and outreach pertaining to the reduction of pollutants in stormwater runoff. These efforts take place throughout the entirety of DuPage County.

**Measurable Goal(s), including frequencies:** Develop and distribute both paper and electronic material regarding the control of pollutants from seasonal sources and activities. Number of seasonal publications developed or updated per year.

**Year 2 Milestones:** 2 brochure packet

**Completed Tasks in Year 2:** The City provides both paper copies as well as digital copies of brochures produced by DuPage County. The City’s Storm Water Management Plan provides public information which is available on the City’s website. The City published a newsletter every month called the Hometown Happenings. The newsletter includes articles written by the Environmental Advisory Commission (EAC) related to stormwater discharge, reducing pollutants, green infrastructure practices, and illicit discharges.

**A.2-Speaking Engagement:** Engage interested parties through presentations detailing water quality trends for DuPage County waterways and highlighting practices that can reduce the transport of pollutants along with stormwater into those same waterways.

**Measurable Goal(s), including frequencies:** The number of presentations made per year.

**Year 2 Milestones:** 5 presentations

**Completed Tasks in Year 2:** The City provides information related to speaking engagement in DuPage County. The City's Senior Civil Engineer attends presentations made by DuPage County.

**A.3-Public Service Announcement:** Disburse press releases, public service announcements, and messages through social media to residents of the entirety of DuPage County. These messages detail water quality trends for DuPage County waterways and highlight practices that can reduce the transport of pollutants along with stormwater into those same waterways.

**Measurable Goal(s), including frequencies:** The number of messages broadcast per year.

**Year 2 Milestones:** 9 messages

**Completed Tasks in Year 2:** The City provides links to PSA's produced by DuPage County on the City's website.

**A.4-Community Event:** Present, through booths, workshops, or presentations, water quality issues to members of the community. Presentations detail water quality trends for DuPage County waterways and highlighting practices that can reduce the transport of pollutants along with stormwater into those same waterways.

**Measurable Goal(s), including frequencies:** The number of events attended or hosted per year. Invite DuPage County Staff to set up a booth at a City event.

**Year 2 Milestones:** 3 events staffed, 1 invitation

**Completed Tasks in Year 2:** The City of Warrenville 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.

**A.5-Classroom Education Material:** Educate school aged children regarding the basic principles of watersheds and practices to reduce the transfer of pollutants to waterways, including rain gardens, rain barrels, permeable pavers, green roofs, native plants, bioswales, and various source control measures.

**Measurable Goal(s), including frequencies:** The number of students in attendance of outreach programs per year.

**Year 2 Milestones:** 330 students

**Completed Tasks in Year 2:** The County provides education at local area schools. Also, Senior Civil Engineer Kristine Hocking presented the IAFSM water table to students at St. Irene's for Career Day.

**A.6-Other Public Education:** Increase the number of links provided on the City website to information provided by DuPage County.

**Measurable Goal(s), including frequencies:** The number of new links provided on City website.

**Year 2 Milestones:** 1 new link.

**Completed Tasks in Year 2:** Completed.

**B.3-Stakeholder Meeting:** DuPage County seeks to engage a broad range of individuals and interests to provide input regarding policies and projects related to the control and reduction of pollutants in stormwater runoff. Input is obtained by hosting and participating in stakeholder meetings, as well as facilitating the involvement of the public, including underrepresented sectors, in the process. Organize or serve as a principal participant in a stakeholder meeting that addresses matters pertaining to pollutant reduction on a watershed level. The City should attend stakeholder meeting that addresses matters pertaining to pollutant reduction.

**Measurable Goal(s), including frequencies:** 1. The number of meetings held per year.  
2. The number of meetings attended per year.

**Year 2 Milestones:** 1. 7 meetings. 2. 1 meeting

**Completed Tasks in Year 2:** The Senior Civil Engineer has attended 5 monthly meetings of the DuPage County Municipal Engineers Group where discussions regarding water quality improvements regularly take place. The Senior Civil Engineer has attended 3 meetings of the DuPage River Salt Creek Workgroup (DRSCW), a group that seeks to

implement targeted watershed activities that resolve priority water way problems efficiently and cost effectively.

**B.4-Public Hearing:** Conduct a meeting for the public to provide input as to the adequacy of the established Storm Water Management Program.

**Measurable Goal(s), including frequencies:** Number of meetings held per year.

**Year 2 Milestones:** 1 Meeting

**Completed Tasks in Year 2:** The public is invited to attend the regularly scheduled EAC meetings and notices for the meeting are included on the City's website and advertised on the local access cable television channel.

**B.6-Program Involvement:** Conduct assessments to gauge citizen and partner views, behaviors, and concerns pertaining to a variety of topics, including water quality, property management, and residential pollutant control.

**Measurable Goal(s), including frequencies:** The number of surveys developed and disbursed per year.

**Year 2 Milestones:** 1 assessment.

**Completed Tasks in Year 2:** The public is invited to attend the regularly scheduled EAC meetings and notices for the meeting are included on the City's website and advertised on the local access cable television channel.

**B.7-Other Public Involvement:** Host events, such as Adopt-a-Stream, River Sweep, and Storm Drain Stenciling, where residents are engaged in reducing the transport of pollutants to, or directly removing pollutants from, waterways within DuPage County.

**Measurable Goal(s), including frequencies:** The number of individuals involved in public events per year.

**Year 2 Milestones:** 420 participants

**Completed Tasks in Year 2:** 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.

**C.1-Storm Sewer Map Preparation:** DuPage County is in partnership with the majority of municipalities regarding the screening for and tracing of illicit discharges into Waters of the State from MS4 outfalls. County staff hosts an illicit discharge hotline, performs field inspections of known outfall locations, and, where applicable, traces a suspected illicit discharge to the source. Collect and compile, from a variety of sources, storm sewer maps. These maps identify the locations of storm sewer outfalls discharging to Waters of the State. The desired end product is one comprehensive, Countywide storm sewer atlas. The City will update its map once per year.

**Measurable Goal(s), including frequencies:** 1. The percentage of DuPage County for which a storm sewer atlas has been compiled. 2. Ensure map is updated once per year and updates are sent to DuPage County.

**Year 2 Milestones:** 1. 60 percent, 2. 1 update of map

**Completed Tasks in Year 2:** The City of Warrenville has not updated its digital storm sewer atlas map, so DuPage County has the most current version.

**C.3-Detection/Elimination Prioritization Plan:** Compile information pertaining to the ten step prioritization plan identified in the DuPage County IDDE Program Technical Guidance.

**Measurable Goal(s), including frequencies:** The number of steps in the prioritization process completed per year.

**Year 2 Milestones:** 2 steps (3 & 4)

**Completed Tasks in Year 2:** See County Annual Report.

**C.5-Illicit Source Removal Procedures:** Distribute educational materials pertaining to illicit discharges to DuPage County residents and businesses. DuPage County maintains an Illicit Discharge Detection and Elimination Hotline, where interested parties are able to report suspect discharges from the storm sewer system into waterways located within DuPage County. Often, these reported discharges originate from an individual or business that is unaware of the implications of their activities.

**Measurable Goal(s), including frequencies:** The number of letters, flyers, posters, brochures or other public education tools distributed per year.

**Year 2 Milestones:** 11 pieces of educational material

**Completed Tasks in Year 2:** The City provides both paper copies as well as digital copies of brochures produced by DuPage County. The City's Storm Water Management

Plan provides public information which is available on the City's website. The City published a newsletter every month called the Hometown Happenings. The newsletter includes articles written by the Environmental Advisory Commission (EAC) related to stormwater discharge, reducing pollutants, green infrastructure practices, and illicit discharges.

**C.6-Visual Dry Weather Screening:** Perform the visual screening of MS4 outfalls discharging to Waters of the State during dry-weather conditions.

**Measurable Goal(s), including frequencies:** The number of outfalls inspected per year.

**Year 2 Milestones:** 15 percent of known outfalls

**Completed Tasks in Year 2:** The City relies on the County to perform MS4 outfall inspections. Moving forwards, as the City's GIS system is implemented, this can be performed on a local level as well at the County level.

**C.8-Pollutant Field Testing:** Conduct monitoring for the following chemical parameters when visual characterization of the discharge indicates an illicit nature: surfactants, ammonia, potassium, fluoride, conductivity, and pH.

**Measurable Goal(s), including frequencies:** The percentage of outfalls releasing a suspected illicit discharge chemically monitored per year.

**Year 2 Milestones:** 60 percent

**Completed Tasks in Year 2:** The City relies on the County to perform MS4 outfall inspections. No pollutants detected in outfalls.

**D.1- Regulatory Control Program:** The City of Warrentville requires permits for all sites that disturb more than 5000 square feet.

**Measurable Goal(s), including frequencies:** The percentage of sites that disturb over 5000 square feet that will require a permit.

**Year 2 Milestones:** 100%

**Completed Tasks in Year 2:** Completed.

**D.2- Erosion and Sediment Control BMPS:** The City of Warrentville requires erosion and sediment control plans for all sites that disturb more than 5,000 square feet.

**Measurable Goal(s), including frequencies:** The percentage of sites that disturb over 5,000 square feet that will require erosion and sediment control plans.

**Year 2 Milestones:** 100%

**Completed Tasks in Year 2:** Completed.

**D.4-Site Plan Review Procedures:** Review construction permit submittals to identify opportunities for avoidance of impacts to channels, wetlands, and adjoining property and require all necessary erosion and sediment control plans.

**Measurable Goal(s), including frequencies:** The number of construction permit submittals reviewed per year.

**Year 2 Milestones:** 20 reviews

**Completed Tasks in Year 2:** 29 reviews completed.

**D.6-Site Inspection/Enforcement Procedures:** Inspect, within City limits, to ensure that disturbed sites meet soil erosion and sediment control requirements outlined in the DuPage County Countywide Stormwater and Flood Plain Ordinance. The Ordinance mandates that all developments provide both temporary and permanent erosion and sediment control and those developments disturbing one acre or greater of land shall comply with the requirements of general permit ILR10.

**Measurable Goal(s), including frequencies:** The percentage of enforcement actions initiated, versus the total number of inspections performed, per year.

**Year 2 Milestones:** 35 percent

**Completed Tasks in Year 2:** 10 percent

**E.2-Regulatory Control Program:** Review of the regulatory framework established by the DCCSFPO. Following review, the need for changes in Ordinance text, performance of audits, general certification adoption, or development of technical guidance may be recognized.

**Measurable Goal(s), including frequencies:** The number of regulatory activities performed per year.

**Year 2 Milestones:** 1 activity

**Completed Tasks in Year 2:** Complete.



**E.3-Long Term O&M Procedures:** Maintain City owned property on which native vegetation was established for pollutant control purposes. These properties typically contain riparian, wetland, or floodplain areas or post-construction best management practices.

**Measurable Goal(s), including frequencies:** The percentage of City owned properties planted with native vegetation maintained per year.

**Year 2 Milestones:** 75 percent

**Completed Tasks in Year 2:** Complete.

**E.4-Pre-Construction Review of BMP Designs:** Certify, for permit approval, permit submittals. Approval is granted to submittals that are in compliance with the DuPage County Countywide Stormwater and Flood Plain Ordinance, which requires post-construction best management practices (PCBMPs) for all developments with a 2,500 square foot net increase of impervious surfaces.

**Measurable Goal(s), including frequencies:** The percentage of permit submittals certified, versus the total number of submittals, per year.

**Year 2 Milestones:** 35 percent

**Completed Tasks in Year 2:** Complete.

**E.5- Site Inspections during Construction:** The City of Warrentville requires erosion and sediment control inspections on all demolition sites.

**Measurable Goal(s), including frequencies:** The percentage of demolition sites that require erosion and sediment control inspections.

**Year 2 Milestones:** 100 percent

**Completed Tasks in Year 2:** Complete.

**E.6-Post-Construction Inspections:** Conduct post-construction inspections at sites containing post-construction best management practices, wetland buffer, riparian enhancement, or wetland mitigation.

**Measurable Goal(s), including frequencies:** 1. The number of post-construction inspections performed per year. 2. The percentage of sites that must be stabilized prior to issuance of certificates of occupancy and/or the release of bonds.

**Year 2 Milestones:** 1. 20 inspection, 2. 100%

**Completed Tasks in Year 2:** 1. 35 inspections complete. 2. Complete

**E.7-Other Post-Construction Runoff Controls:** Annual training in current green infrastructure or low impact design techniques.

**Measurable Goal(s), including frequencies:** Percentage of applicable employees and contractors involved in the management of public surfaces trained.

**Year 2 Milestones:** 60 %

**Completed Tasks in Year 2:** 40%

**F.1-Employee Training Program:** Send staff to training to learn procedures and practices that will minimize the discharge of pollutants from municipal operations into the storm sewer system. Examples of training topics include automobile maintenance, hazardous material storage, landscaping and lawn care, parking lot and street cleaning, pest control, pet waste collection, road salt application and storage, roadway and bridge maintenance, spill response and prevention, and storm drain system cleaning.

**Measurable Goal(s), including frequencies:** The number of staff members attending training per year.

**Year 2 Milestones:** 3 employees

**Completed Tasks in Year 2:** 2 employees.

**F.2-Inspection and Maintenance Program:** Follow established procedures to remove accumulated timber debris from stormwater facilities that have potential to cause a regional stormwater problem.

**Measurable Goal(s), including frequencies:** 1. The number of cubic yards removed from drainage ways per year. 2. The percentage of storm sewer cleaned each year, along with establishing a system for tracking it.

**Year 2 Milestones:** 1. 3 cubic yards 2. 5% of City's storm sewer

**Completed Tasks in Year 2:** 1. See County Report. 2. Complete. Tracking system yet to be established.

**F.3-Municipal Operations Storm Water Control:** Develop standard operating procedures and checklists for municipal operators to use to assess the need for pollution prevention measures for wash water, spills, leaks, debris, deicing materials, and other chemicals on their property.

**Measurable Goal(s), including frequencies:** Number of corrections made in response to assessments.

**Year 2 Milestones:** 5 corrections

**Completed Tasks in Year 2:** County created a checklist. Implementation of procedure at local level is ongoing.

**F.4-Municipal Operations Waste Disposal:** Collect waste as part of street sweeping program.

**Measurable Goal(s), including frequencies:** The number of cubic yards of waste removed.

**Year 2 Milestones:** 50 tons

**Completed Tasks in Year 2:** Completed monthly. Tracking system yet to be established.

**F.5-Flood Management/Assess Guidelines:** Ensure that new flood management projects assess the impacts on water quality and examine existing projects for incorporation of additional water quality protection devices or practices.

**Measurable Goal(s), including frequencies:** The number of completed watershed plans, or components thereof, approved by the Stormwater Management Planning Committee and County Board per year.

**Year 2 Milestones:** 1 watershed plan

**Completed Tasks in Year 2:** See County Report.

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

The City of Warrentville 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).*

**A. Public Education and Outreach**

**B. Public Participation/Involvement**

**C. Illicit Discharge Detection/Elimination**

**D. Construction Site Runoff Control**

**E. Post-Construction Runoff Control**

**F. Pollution Prevention/Good Housekeep**

**A. Public Education and Outreach**

- 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's Senior Civil Engineer will continue to attend DRSCW meetings.

**B. Public Participation/Involvement**

- 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, DRSCW and the DuPage County Water Quality Stakeholders on a regular basis.
- The City will continue to review and evaluate the DuPage County Countywide Stormwater and Flood Plain Ordinance for unintended consequences or loopholes due to the changes.
- The City will continue to participate in relevant Public Hearings.

**C. Illicit Discharge Detection/Elimination**

- 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 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.

**D. Construction Site Runoff Control**

- 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.

**E. Post-Construction Runoff Control**

- City staff will continue to administer 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 regular street sweeping program.

**F. Pollution Prevention/Good Housekeeping**

- Hold one training workshop per year for public works employees on the subject of pollution prevention.
- Review emergency cleanup procedures and modify as necessary.
- Continue to participate in the construction process for projects identified in the Addendum to the West Branch DuPage River Watershed Plan coordinate with DuPage County staff and their consultants.

**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.***

- Calumet Avenue, Williams Road, and Glen Drive North Water and Sewer Project (Complete)
- 2017 Annual Road Resurfacing Project (Complete)
- 2018 Annual Road Resurfacing Project (Ongoing)
- City-wide Concrete Curb and Gutter Repairs