



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, 2015 _____ To March, 2016 _____

Permit No. ILR40 0333

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

Name: City of Elgin Mailing Address 1: 150 Dexter Court

Mailing Address 2: _____ County: Kane

City: Elgin State: IL Zip: 60120 Telephone: (847) 931-6150

Contact Person: Kyla Jacobsen Email Address: Jacobsen_K@cityofelgin.org
(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 Elgin

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:

Kyla Jacobsen

Printed Name:

6/1/16

Date:

Utilities Director

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

**Illinois Environmental Protection Agency
Annual Facility Inspection Report
General NPDES Permit for Discharges from
Small Municipal Separate Storm Sewer Systems (MS4s)**

March 2015 to February 2016 (Year 13) Reporting Period

City of Elgin, Illinois

A. CHANGES TO BEST MANAGEMENT PRACTICES

There have been no changes to the Best Management Practices (BMPs) from the City's Notice of Intent (NOI) for the reporting period from March 2015 to February 2016.

B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

The City of Elgin committed to a number of stormwater BMPs in order to meet the requirements of the NPDES Phase II stormwater program. The following is a status report on each of the BMPs and the activities that were undertaken during the March 2015 to February 2016 reporting period. The status or progress for each of the measurable goals related to these BMPs is presented below.

BMP No. A1 Distributed Paper Material

Measurable Goal(s): Annually insert stormwater pollution prevention related articles in the water bills and distribute brochures regarding the City's recycling and curbside leaf pick-up programs.

Milestone, Year 13: **Insert articles in water bills and continue distribution of brochures.**

BMP Status: The Spring 2015 issue of the City's newsletter included an article pertaining to the Elgin 311 Contact Center, which is a tool for residents to report illicit discharges, illegal dumping, and other stormwater management issues. The article specifically discussed the introduction of a free Elgin 311 mobile app, which will make it even easier for residents to report stormwater problems than the traditional 311 hotline.

The Summer 2015 issue of the City's newsletter included an article pertaining to stream clean-up events. The article discussed a recent stream clean-up event sponsored by the Friends of the Fox River and the Elgin Police Department. The cleanup event took place along the Fox River between Chicago Street and Route 20 and stressed the importance of keeping rivers and waterways clean of debris and trash.

The Summer 2015 issue of the City's newsletter also contained an article which discussed the quality of the City's tap water, as summarized in the IEPA's Annual Water Quality Report. The article discussed the IEPA's report, which is available to residents on the City's website. The report summarizes the importance of source water, susceptibility to contamination, and recommendation of source-water protection efforts.

The City newsletter is mailed to more than 44,000 addresses in the City, in addition to being posted online and in City facilities.

The City continues to make various pollution prevention materials available at City facilities, including information about recycling and curbside leaf pick-up programs.

BMP No. A2 Speaking Engagement

Measurable Goal(s): Annually make three stormwater pollution prevention presentations at City Council meetings or at special events such as the Annual Construction Meeting and the Neighborhood Network Program.

Milestone, Year 13: **Make three stormwater pollution prevention presentations.**

BMP Status:

The Sustainability Commission met approximately monthly during Year 13. These public meetings typically include presentations and discussion related to the City's sustainability initiatives. The City requested Baxter & Woodman, their NPDES consultant, to make a presentation to the Commission on August 18, 2015 pertaining to water quality. Various topics stemmed from the presentation and discussion with the Commission. The Commission is looking into having a Career Night at Elgin Community College that would help educate students on the importance of water quality. The Commission is also looking into hosting a natural landscaping contest within the community that would involve designing the best rain garden/bioswale; a prize would be distributed to the winner who had the most creative and innovate design. Lastly, the Commission suggested educating the public (via distributing educational flyers at City Hall, water bill inserts, and articles in City newsletters) about the over-application of pesticides, herbicides, and fertilizers on residential and commercial lawns.

The City continues to target outreach for home owner associations on stormwater pollution prevention and maintenance of private stormwater best management practices. While no presentations were made to home owner associations in Year 13, the City's Year 13 activities included planning for these presentations, which will be made in Year 14.

BMP No. A4 Community Event

Measurable Goal(s): Annually host a Public Works Facility Open House.

Milestone, Year 13: **Continue to host an Open House.**

BMP Status: On May 2, 2015, the City hosted a Public Works Facility Open House, which provided equipment rides, demonstrations, facility tours and allowed residents to learn about the City's stormwater management program. Approximately 400 children and 350 adults attended the event, which was advertised on the City's web page and on flyers that were distributed to local homes and businesses.

The City also hosted an Earth Day event on April 22, 2015. On behalf of the City, Baxter & Woodman staffed a booth and distributed educational flyers and various puzzles/games for children; all aimed at educating the public on the importance of water quality while also providing examples of ways residents can help reduce stormwater pollution.

The City also sponsored a Walk with the Mayor event on September 30, 2015 in the Valley Creek neighborhood. A consultant was present on the walk; this event offered residents an opportunity to ask questions related to the City's stormwater management program. Specific items discussed included ongoing erosion and flooding issues pertaining to Tyler Creek. Approximately 25 people attended the event.

BMP No. A5 Classroom Education Material

Measurable Goal(s): Annually arrange for classroom education on water quality topics in Elgin schools provided by the Kane-DuPage Soil and Water Conservation District and Baxter & Woodman, Inc.

Milestone, Year 13: **Provide classroom education on water quality topics in one or more Elgin schools.**

BMP Status: The Kane-DuPage Soil and Water Conservation District provides educational programs on watersheds, land use, water pollution, wetlands, soil and groundwater. The City hired the Kane-DuPage Soil and Water Conservation District to provide classroom education focusing on water

use, conservation, and non-point source pollution at the Elgin Chapter of the Philanthropic Educational Organization on November 16, 2015 (20 students total).

On behalf of the City, Baxter & Woodman provided classroom education on stormwater quality at Larkin High School on February 5, 2015 (30 students total).

The Friends of the Fox River, on behalf of the City of Elgin, provided the following educational programs:

Classroom Education:

- Lowrie Elementary on March 3 and March 5, 2015 (100 students total),
- Channing Elementary on March 4 and March 6, 2015 (150 students total),
- Ronald O’Neal Elementary on March 13, 2015 (75 students total),
- Otter Creek Elementary on April 14, 2015 (70 students total),
- Cub Scouts – Enviroscope at the Rakow Branch Library on June 24, 2015 (20 students total).
- Elgin Academy on September 21, 2015 (5 students total)
- Harvest Christian Academy on January 27, 2016 (50 students total)
- Channing Elementary on February 8, 2016 (84 students total)
- Ronald O’Neal Elementary on February 11, 2016 (85 students total)
- Lowrie Elementary on February 16, 2016 (49 students total)
- Garfield Elementary on February 17, 2016 (60 students total)
- Lowrie Elementary on February 18, 2016 (33 students total)
- Ronald O’Neal on February 24, 2016 (84 students total)
- Otter Creek Elementary on February 25, 2016 (97 students total)

BMP No. A6 Other Public Information

Measurable Goal(s): Provide refuse and recycling information on the City’s web page.

Milestone, Year 13: **Provide refuse and recycling information on the City's web page.**

BMP Status: The City provides a comprehensive solid waste program designed to encourage recycling and waste reduction and to reduce litter in Elgin neighborhoods. By promoting proper disposal of waste, the City reduces illegal dumping in drainage ways. The City's web page provides general guidelines about the refuse and recycling program, but also provides specific information about disposal of household hazardous waste and yard waste.

The City has also implemented a non-emergency Household Hazardous Waste Hotline to provide residents with information about easy and effective methods of hazardous waste removal.

BMP No. B2 Educational Volunteer

Measurable Goal(s): Annually coordinate a public participation event with a local stakeholder group.

Milestone, Year 13: **Coordinate a public participation event with a local stakeholder group.**

BMP Status: The City continues to sponsor and partner with various organizations to perform stream clean-up and monitoring events. The following is a summary of the events.

Stream Clean-Up (with Sierra Club & Friends of the Fox River):

- Fox River from the Elgin Dam to I-90 on April 18, 2015

Stream Clean-Up (with Elgin Izaak Walton League):

- Poplar Creek and Willow Creek on May 23, 2015

Stream Clean-Up (with Tyler Creek Watershed Coalition & Eagle Heights Residents' Association):

- Tyler Creek on June 20, 2015

Stream Clean-Up (with Friends of the Fox River and the Elgin Police Department):

- Fox River from the Elgin Dam to US Route 20 on June 20, 2015

Stream Clean-Up (with Friends of the Fox River):

- Fox River on October 25, 2015

Stream Monitoring (with Friends of the Fox River):

- Tyler Creek on April 20, 2015 with Lowrie Elementary (34 students total),
- Tyler Creek on April 22, 2015 with Einstein Academy (80 students total),
- Tyler Creek on April 23, 2015 with Lowrie Elementary (27 students total),
- Tyler Creek on April 24, 2015 with Lowrie Elementary (24 students total),
- Poplar Creek on April 27, 2015 with Elgin Boys and Girls Club (12 students total),
- Tyler Creek on April 28, 2015 with Elgin Academy (9 students total),
- Poplar Creek on April 29, 2015 with Elgin Boys and Girls Club (9 students total),
- Tyler Creek on April 30, 2015 with Elgin Boys and Girls Club (7 students total),
- Willow Creek on May 12, 2015 with Channing Elementary (54 students total),
- Willow Creek on May 13, 2015 with Channing Elementary (35 students total),
- Willow Creek on May 14, 2015 with Channing Elementary (61 students total),
- Willow Creek on May 15, 2015 with Channing Elementary (41 students total),
- Stoney Creek on May 19, 2015 with Otter Creek Elementary (66 students total),
- Poplar Creek on May 20, 2015 with Ronald O'Neal Elementary (36 students total),
- Poplar Creek on May 21, 2015 with Ronald O'Neal Elementary (28 students total),
- Poplar Creek on May 22, 2015 with Ronald O'Neal Elementary (25 students total),
- Willow Creek on September 9, 2015 with Channing Elementary (25 students total),
- Tyler Creek on September 22, 2015 with Elgin Academy (5 students total),
- Poplar Creek on September 23, 2015 with Ronald O'Neal Elementary (30 students total),
- Poplar Creek on September 24, 2015 with Ronald O'Neal Elementary (35 students total),

- Willow Creek on October 1, 2015 with Channing Elementary (45 students total),
- Willow Creek on October 2, 2015 with Channing Elementary (45 students total),
- Shady Creek on October 5, 2015 with Otter Creek Elementary (50 students total),
- Shady Creek on October 6, 2015 with Otter Creek Elementary (50 students total),
- Tyler Creek on October 13, 2015 with Lowrie Elementary (33 students total),
- Tyler Creek on October 15, 2015 with Lowrie Elementary (20 students total),
- Tyler Creek on October 16, 2015 with Lowrie Elementary (30 students total),
- Poplar Creek on October 19, 2015 with Garfield Elementary (25 students total),
- Willow Creek on October 20, 2015 with Channing Elementary (47 students total),
- Tyler Creek on October 21, 2015 with Lowrie Elementary (36 students total), and
- Poplar Creek on October 28, 2015 with Ronald O’Neal Elementary (22 students total)

Other Activities (with Friends of the Fox River):

- Pond Scooping at the Rakow Branch Library on June 23, 2015 (20 students total)

BMP No. B3 Stakeholder Meeting

Measurable Goal(s): Annually attend meetings with stakeholders such as the Kane-DuPage Soil and Water Conservation District, Friends of the Fox River, and Fox River Ecosystem Partnership.

Milestone, Year 13: **Annually attend stakeholder meetings.**

BMP Status: The City continued its coordination with several stakeholder groups throughout Year 13 with a stakeholder meeting held on February 29, 2016 at Riverside Water Treatment Plant.

BMP No. B5 Volunteer Monitoring

Measurable Goal(s): Establish and annually publicize a hotline for resident reporting of suspected illicit discharges. This hotline will be separate from the City’s existing emergency response hotline (911) and will be used in non-emergency situations.

Milestone, Year 13: **Publicize a hotline for resident reporting of suspected illicit discharges.**

BMP Status: The City utilizes the 311 Contact Center for resident reporting of illicit discharges, illegal dumping and other stormwater management issues. Depending on the severity of the reported incident, an emergency response team may be dispatched. In non-emergency situations, the Public Works Department will typically respond. All incoming calls for service requests are turned into work requests for resolution by a City Department. The City publicized in their Spring 2015 City newsletter an article pertaining to a free Elgin 311 mobile app, which makes it even easier than the traditional 311 hotline for residents to report stormwater problems, such as illicit discharges, illegal dumping and other stormwater management issues.

BMP No. B6 Program Coordination

Measurable Goal(s): Provide a link to stakeholder web pages from the City's web page.

Milestone, Year 13: **Continue to provide a link to the stakeholder web pages from the City's web page.**

BMP Status: The City continued to maintain its Stormwater Pollution Prevention web page with links to stakeholder websites, such as: Kane County Stormwater Management, Kane-DuPage Soil and Water Conservation District, Friends of the Fox River, Fox River Ecosystem Partnership, Fox River Study Group, the Sierra Club, The Conservation Foundation, and others. In addition, the web page continues to provide information about the impacts of stormwater discharges on water bodies and lists steps the public can take to reduce pollutants in stormwater runoff.

BMP No. C1 Storm Sewer Map Preparation

Measurable Goal(s): Annually update the Storm Sewer Map as needed.

Milestone, Year 13: **Update the Storm Sewer Map as needed.**

BMP Status: The City completed development of the web-based and mobile (Collector) applications of the City's storm sewer

infrastructure. The City has also configured a GIS data layer and begun linking digital sewer televising files to the corresponding features (15 of the 20 specified are completed).

BMP No. C2 Regulatory Control Program

Measurable Goal(s): Enforce the City Code.

Milestone, Year 13: **Continue to enforce the City Code.**

BMP Status: The City continues to enforce Ordinance G52-07, which effectively prohibits non-stormwater discharges to its separate storm sewer system. Ordinance G52-07 includes all of the elements of the Center for Watershed Protection's model illicit discharge and connection ordinance.

BMP No. C3 Detection/Elimination Prioritization Plan

Measurable Goal(s): Prioritize areas of the City or specific outfalls which require more frequent screening. Annually conduct inspections of industrial properties to determine compliance with the City Code.

Milestone, Year 13: **Continue inspections of industrial properties.**

BMP Status: The City inspected 8 industrial facilities during Year 13; inspection of high priority facilities will continue in Year 14.

BMP No. C4 Illicit Discharge Tracing Procedures

Measurable Goal(s): Develop procedures to trace detected illicit discharges. Annually trace all illicit discharges detected by resident reporting, visual dry weather screening, and inspection of commercial and industrial properties.

Milestone, Year 13: **Continue tracing illicit discharges.**

BMP Status: The City has developed Illicit Discharge Tracing Procedures and continues to trace all illicit discharges detected by resident reporting, visual dry weather screening, and inspection of commercial and industrial properties. There was one suspicious discharge that was reported as possibly

being an illicit discharge; however, after further analysis, it was determined to not be an illicit discharge.

BMP No. C5 Illicit Source Removal Procedures

Measurable Goal(s): Develop procedures to remove detected illicit discharges. Annually remove all illicit discharges detected by resident reporting, visual dry weather screening, and inspection of commercial and industrial properties.

Milestone, Year 13: **Continue removing illicit discharges.**

BMP Status: The City continues its work to remove all illicit discharges detected by resident reporting, visual dry weather screening, and inspection of industrial properties.

BMP No. C6 Program Evaluation and Assessment

Measurable Goal(s): Annually evaluate and assess the effectiveness of the illicit discharge detection and elimination program. Annually revise the program as necessary.

Milestone, Year 13: **Evaluate and assess the effectiveness of the program. Revise the program as necessary.**

BMP Status: The illicit discharge detection and elimination program is in need of refinement; revisions to the current program will be forthcoming in Year 14, which will include more detailed procedures pertaining to containment of illicit discharges as well as procedures for Public Works staff to report and document suspected illicit discharges.

BMP No. C7 Visual Dry Weather Screening

Measurable Goal(s): Annually perform visual dry weather screening of City outfalls according to the Detection/Elimination Prioritization Plan.

Milestone, Year 13: **Perform visual dry weather screening.**

BMP Status: The City continued its work to screen outfalls during dry weather to identify potential illicit discharges. It has adopted a modified version of the Center for Watershed Protection's Outfall Reconnaissance Inventory as its visual dry weather

outfall screening protocol. Approximately 280 storm sewer outfalls were inspected during Year 13; of the 280 outfalls that were inspected, several of them contained dry weather flow, but are not suspected to be illicit discharges.

The City's priority list of outfalls was created in Year 13; inspection of high priority outfalls and a portion of the City's other outfalls will continue in Year 14.

BMP No. C9 Public Notification

Measurable Goal(s): Install inlet grates cast with "Dump No Waste, Drains to River" for all new inlets installed with street resurfacing projects or apply decals to existing inlet structures.

Milestone, Year 13: **Continue to label inlet structures with street resurfacing projects.**

BMP Status: The City's construction standards require "Dump No Waste, Drains To River" to be cast into all new grate and storm drain inlets. On street resurfacing projects where new storm drain inlets are not required, decals are applied to the existing inlet structures.

BMP No. D1 Regulatory Control Program

Measurable Goal(s): Enforce the Kane County Stormwater Ordinance.

Milestone, Year 13: **Continue to enforce the Kane County Stormwater Ordinance.**

BMP Status: The City has adopted and continues to enforce the Kane County Stormwater Ordinance. During Year 13, the City issued 8 engineering/right-of-way/soil permits and 154 utility permits.

BMP No. D2 Erosion and Sediment Control BMPs

Measurable Goal(s): Enforce the Kane County Stormwater Ordinance.

Milestone, Year 13: **Continue to enforce the Kane County Stormwater Ordinance.**

BMP Status: The City has adopted and continues to enforce the Kane County Stormwater Ordinance, which requires soil erosion and sediment control BMPs.

BMP No. D3 Other Waste Control Program

Measurable Goal(s): Enforce the City Code.

Milestone, Year 13: **Continue to enforce the City Code.**

BMP Status: The City continues to enforce Ordinance G52-07, which effectively prohibits non-stormwater discharges to its separate storm sewer system. Ordinance G52-07 includes all of the elements of the Center for Watershed Protection’s model illicit discharge and connection ordinance.

BMP No. D4 Site Plan Review Procedures

Measurable Goal(s): Review site plans to ensure conformance to the Kane County Stormwater Ordinance.

Milestone, Year 13: **Continue to review site plans to ensure conformance to the Kane County Stormwater Ordinance.**

BMP Status: The City continues to review site plans to ensure compliance with the Kane County Stormwater Ordinance.

BMP No. D5 Public Information Handling Procedures

Measurable Goal(s): Establish and annually publicize a hotline for resident reporting of suspected soil erosion.

Milestone, Year 13: **Continue to publicize a hotline for resident reporting.**

BMP Status: The City utilizes the 311 contact center for resident reporting of erosion and other stormwater management issues. Depending on the severity of the reported incident, an emergency response team may be dispatched. In non-emergency situations, the Engineering Department or Public Works Department will typically respond. All incoming calls for service requests are turned into work requests for resolution by a City Department.

BMP No. D6 Site Inspection/Enforcement Procedures

Measurable Goal(s): Enforce the Kane County Stormwater Ordinance.

Milestone, Year 13: **Continue to enforce the Kane County Stormwater Ordinance.**

BMP Status: The City has adopted and continues to enforce the Kane County Stormwater Ordinance, which contains site inspection and enforcement procedures. 1,223 inspections were registered for the 162 permits (engineering and utility) issued in Year 13.

BMP No. E2 Regulatory Control Program

Measurable Goal(s): Enforce the Kane County Stormwater Ordinance.

Milestone, Year 13: **Continue to enforce the Kane County Stormwater Ordinance.**

BMP Status: The City has adopted and continues to enforce the Kane County Stormwater Ordinance, which requires post-construction stormwater runoff control. During Year 13, the City issued 8 engineering/right-of-way/soil permits and 154 utility permits.

BMP No. E3 Long Term O&M Procedures

Measurable Goal(s): Enforce the Kane County Stormwater Ordinance.

Milestone, Year 13: **Continue to enforce the Kane County Stormwater Ordinance.**

BMP Status: The City has adopted and continues to enforce the Kane County Stormwater Ordinance, which contains long term operation and maintenance procedures.

BMP No. E4 Pre-Construction Review of BMP Designs

Measurable Goal(s): Enforce the Kane County Stormwater Ordinance.

Milestone, Year 13: **Continue to enforce the Kane County Stormwater Ordinance.**

BMP Status: The City has adopted and continues to enforce the Kane County Stormwater Ordinance, which requires pre-construction review of BMP designs.

BMP No. E5 Site Inspections During Construction

Measurable Goal(s): Enforce the Kane County Stormwater Ordinance.

Milestone, Year 13: **Continue to enforce the Kane County Stormwater Ordinance.**

BMP Status: The City has adopted and continues to enforce the Kane County Stormwater Ordinance, which requires site inspections during construction. 1,223 inspections were registered for the 162 permits (engineering and utility) issued in Year 13.

BMP No. E6 Post-Construction Inspections

Measurable Goal(s): Inspect each City-owned detention basin once every five years.

Milestone, Year 13: **Inspect 20% of the City-owned detention basins.**

BMP Status: The City inspected 19 of the 31 City-owned detention basins in the spring and fall of 2015.

BMP No. F1 Employee Training Program

Measurable Goal(s): Formalize stormwater pollution prevention training for City employees. Conduct formal stormwater pollution prevention training for City employees annually.

Milestone, Year 13: **Formalize a stormwater pollution prevention training program for City employees. Begin formal training.**

BMP Status: A consultant offered training to City Public Works staff on October 1 and 2, 2015 that focused on pollution prevention for municipal operations as well as illicit discharge detection and elimination. The training sessions remind, inform, and encourage City staff to prevent and reduce stormwater pollution from municipal operations and to document

activities that prevent pollution. A total of 25 City staff attended the training during the 2 days.

In Year 13, a consultant inspected City facilities, including the Bluff City Cemetery Maintenance Garage, the Bowes Road Salt Barn, the Elgin Sports Complex Maintenance Garages 1 and 2, the Lords Park Maintenance Garage, the City's Public Works facility, Shales Parkway Salt Dome, and the Wing Park Maintenance Garages 1 and 2. Inspections of these same City facilities, along with others, will take place during Year 14. These inspections, which were performed onsite with City staff responsible for operations at the facility, focused on training staff on stormwater pollution prevention practices. The results of these inspections will be used to develop training materials that will be part of a training program for a wider staff audience. The training program will cover topics such as: good housekeeping for municipal operations; maintenance of green infrastructure; and illicit discharge detection.

BMP No. F2 Inspection and Maintenance Program

Measurable Goal(s): Formalize an Inspection and Maintenance Program for City facilities and infrastructure. Conduct formal inspection and maintenance. Annually review the program for effectiveness and update the program as needed.

Milestone, Year 13: **Formalize an Inspection and Maintenance Program for City facilities and infrastructure. Continue conducting formal inspection and maintenance.**

BMP Status: The City has developed written Inspection and Maintenance Procedures, along with standard forms for tracking inspections and maintenance of the stormwater management system. These forms are also being used to evaluate the Inspection and Maintenance program to determine how the program can be improved.

Also, the City continued its naturalization of the detention basin at McLean Boulevard and Holmes Road with a controlled burn on March 21, 2015, followed by a native overseed. Invasive species were removed on a monthly basis, via herbicide and mechanical control throughout the growing season.

BMP No. F3 Municipal Operations Stormwater Control

Measurable Goal(s): Formalize a Stormwater Pollution Prevention Plan for the City's municipal operations. Annually review the plan for effectiveness and update the program as needed.

Milestone, Year 13: **Implement the Stormwater Pollution Prevention Plan for the City's municipal operations.**

BMP Status: The City has continued implementing a Stormwater Pollution Prevention Plan for its municipal operations. The plan describes the potential sources of stormwater pollutants related to operations at various City facilities, the stormwater management measures and controls used to prevent pollution, potential future BMPs, and forms for periodic inspections.

In Year 13, a consultant inspected City facilities, including the Bluff City Cemetery Maintenance Garage, the Bowes Road Salt Barn, the Elgin Sports Complex Maintenance Garages 1 and 2, the Lords Park Maintenance Garage, the City's Public Works facility, Shales Parkway Salt Dome, and the Wing Park Maintenance Garages 1 and 2. Inspections of these same City facilities, along with others, will take place during Year 14. These inspections, which were performed onsite with City staff responsible for operations at the facility, included recommendations for additional or improved stormwater pollution prevention practices.

BMP No. F4 Municipal Operations Waste Disposal

Measurable Goal(s): Formalize a Municipal Operations Waste Disposal Plan. Annually review the plan for effectiveness and update the program as needed.

Milestone, Year 13: **Formalize a Municipal Operations Waste Disposal Plan.**

BMP Status: A plan for the disposal of waste generated by municipal operations is included in the City's Inspection and Maintenance Procedures.

C. RESULTS OF INFORMATION COLLECTED AND ANALYZED

Wet weather samples were collected on May 21, 2015, August 18, 2015, and October 21, 2015 at outfalls to the Fox River, Poplar Creek, and Tyler Creek, as well as at the inflow and outflow from the McLean Blvd/Holmes Rd detention basin.

Wet weather samples will be collected each year in the Spring, Summer, Fall, and Winter at the same locations. As more samples are collected, the data will be compared to in-stream data available from the Fox River Study Group, IEPA, and Tyler Creek Watershed Coalition in order to evaluate the effectiveness of the City's NPDES Phase II program.

D. SUMMARY OF STORMWATER ACTIVITIES TO BE UNDERTAKEN DURING NEXT REPORTING PERIOD

A summary of the stormwater activities that the City plans to undertake during the March 2016 to February 2017 reporting period (Year 14) are summarized below:

BMP No. A1 Distributed Paper Material – Stormwater Newsletter Articles

Measurable Goal(s): Annually insert stormwater pollution prevention related articles in the water bills and distribute brochures regarding the City’s recycling and curbside leaf pick-up programs.

Milestone, Year 14: **Insert articles in water bills and continue distribution of brochures.**

BMP No. A2 Speaking Engagement - Stormwater Pollution Prevention Presentations

Measurable Goal(s): Annually make three stormwater pollution prevention presentations at City Council meetings or at special events such as the Public Works Open House, Earth Day, or the Farmer’s Market, to distribute flyers and speak with the public about stormwater pollution prevention.

Milestone, Year 14: **Make three stormwater pollution prevention presentations.**

BMP No. A4 Community Event - Public Works Facility Open House

Measurable Goal(s): Annually host a Public Works Facility Open House.

Milestone, Year 14: **Continue to host an Open House.**

BMP No. A5 Classroom Educational Material

Measurable Goal(s): Annually arrange for classroom education on water quality topics in Elgin schools provided by the Kane-DuPage Soil and Water Conservation District.

Milestone, Year 14: **Provide classroom education on water quality topics in one or more Elgin schools.**

BMP No. A6 Other Public Education

Measurable Goal(s): Provide refuse and recycling information on the City's web page.

Milestone, Year 14: **Provide refuse and recycling information on the City's web page.**

BMP No. B2 Educational Volunteer

Measurable Goal(s): Annually coordinate a public participation event with a local stakeholder group.

Milestone, Year 14: **Coordinate a public participation event with a local stakeholder group.**

BMP No. B3 Stakeholder Meeting

Measurable Goal(s): Annually attend meetings with stakeholders such as Kane-DuPage Soil and Water Conservation District, Friends of the Fox River, and Fox River Ecosystem Partnership.

Milestone, Year 14: **Annually attend stakeholder meetings.**

BMP No. B4 Public Hearing

Measurable Goal(s): Annually present the City's stormwater management program at one board meeting to seek public input on the program.

Milestone, Year 14: **Present the City's stormwater management program at one board meeting to seek public input on the program.**

BMP No. B5 Volunteer Monitoring

Measurable Goal(s): Establish and annually publicize a hotline for resident reporting of suspected illicit discharges. This hotline will be separate from the City's existing emergency response hotline (911) and will be used in non-emergency situations.

Milestone, Year 14: **Continue to publicize a hotline for resident reporting of suspected illicit discharges.**

BMP No. B6 Program Coordination

Measurable Goal(s): Provide a link to stakeholder web pages from the City's web page.

Milestone, Year 14: **Continue to provide a link to the stakeholder web pages from the City's web page.**

BMP No. B7 Public Reporting

Measurable Goal(s): The City will begin identifying environmental justice areas; if applicable, the City will begin identifying appropriate public involvement/participation, which may include providing notices to residents written in Spanish (or other applicable language) and/or providing a translator at a public meeting held annually. Continue to inform residents of the contact number to call to report stormwater related issues.

Milestone, Year 14: **Identify any environmental justice areas within the City using the website link: <http://epa.gov/environmentaljustice/>. Continue to inform residents of the contact number to call for reporting stormwater related issues.**

BMP No. C1 Storm Sewer Map Preparation

Measurable Goal(s): Annually update the Storm Sewer Map as needed.

Milestone, Year 14: **Continue adding new subdivisions to the storm sewer map (up to 4 subdivisions). Continue revising storm sewer data, as needed. Continue hyperlinking detention basin record drawings (up to 25). Continue linking digital sewer televising files to the corresponding features (up to 10).**

BMP No. C2 Regulatory Control Program

Measurable Goal(s): Enforce the City Code.

Milestone, Year 14: **Continue to enforce the City Code.**

BMP No. C3 Illicit Discharge Detection/Elimination Prioritization Plan

Measurable Goal(s): Prioritize areas of the City or specific outfalls which require more frequent screening. Annually conduct inspections of industrial or commercial properties to determine compliance with the City Code.

Milestone, Year 14: **Continue inspections of industrial properties.**

BMP No. C4 Illicit Discharge Tracing Procedures

Measurable Goal(s): Develop procedures to trace detected illicit discharges. Annually trace all illicit discharges detected by resident reporting, visual dry weather screening, and inspection of commercial and industrial properties.

Milestone, Year 14: **Continue tracing illicit discharges.**

BMP No. C5 Illicit Discharge Removal Procedures

Measurable Goal(s): Develop procedures to remove detected illicit discharges. Annually remove all illicit discharges detected by resident reporting, visual dry weather screening, and inspection of commercial and industrial properties.

Milestone, Year 14: **Continue removing illicit discharges.**

BMP No. C6 Program Evaluation and Assessment

Measurable Goal(s): Annually evaluate and assess the effectiveness of the illicit discharge detection and elimination program. Annually revise the program as necessary.

Milestone, Year 14: **Evaluate and assess the effectiveness of the program. Revise the program as necessary.**

BMP No. C7 Visual Dry Weather Screening Program

Measurable Goal(s): Annually perform visual dry weather screening of City outfalls according to the Detection/Elimination Prioritization Plan.

Milestone, Year 14: **Perform visual dry weather screening.**

BMP No. C9 Public Notification – Inlet Grate Castings

Measurable Goal(s): Install inlet grates cast with “Dump No Waste, Drains to River” for all new inlets installed with street resurfacing projects or apply decals to existing inlet structures.

Milestone, Year 14: **Continue to label inlet structures with street resurfacing projects.**

BMP No. D1 Regulatory Control Program

Measurable Goal(s): Enforce the Stormwater Ordinance.

Milestone, Year 14: **Continue to enforce the Kane County Stormwater Ordinance.**

BMP No. D2 Erosion and Sediment Control BMPs

Measurable Goal(s): Enforce the Stormwater Ordinance.

Milestone, Year 14: **Continue to enforce the Kane County Stormwater Ordinance.**

BMP No. D3 Other Waste Control Programs

Measurable Goal(s): Enforce the City Code.

Milestone, Year 14: **Continue to enforce the City Code.**

BMP No. D4 Site Plan Review Procedures

Measurable Goal(s): Review site plans to ensure conformance to the Kane County Stormwater Ordinance.

Milestone, Year 14: **Continue to review site plans to ensure conformance to the Kane County Stormwater Ordinance.**

BMP No. D5 Public Information Handling Procedures

Measurable Goal(s): Establish and annually publicize a hotline for resident reporting of suspected soil erosion.

Milestone, Year 14: **Publicize a hotline for resident reporting.**

BMP No. D6 Site Inspection/Enforcement Procedures

Measurable Goal(s): Enforce the Kane County Stormwater Ordinance.

Milestone, Year 14: **Continue to enforce the Kane County Stormwater Ordinance.**

BMP No. E2 Regulatory Control Program

Measurable Goal(s): Enforce the Kane County Stormwater Ordinance.

Milestone, Year 14: **Continue to enforce the Kane County Stormwater Ordinance.**

BMP No. E3 Long Term O&M Procedures

Measurable Goal(s): Enforce the Kane County Stormwater Ordinance.

Milestone, Year 14: **Continue to enforce the Kane County Stormwater Ordinance.**

BMP No. E4 Pre-Construction Review of BMP Designs

Measurable Goal(s): Enforce the Kane County Stormwater Ordinance.

Milestone, Year 14: **Continue to enforce the Kane County Stormwater Ordinance.**

BMP No. E5 Site Inspections During Construction

Measurable Goal(s): Enforce the Kane County Stormwater Ordinance.

Milestone, Year 14: **Continue to enforce the Kane County Stormwater Ordinance.**

BMP No. E6 Inspection of City-Owned Detention Basins

Measurable Goal(s): Inspect each City-owned detention basin once every five years.

Milestone, Year 14: **Inspect 20% of the City-owned detention basins.**

BMP NO. E7 Other Post-Construction Runoff Controls

Measurable Goal(s): Schedule an on-site meeting with representatives of a homeowner association (HOA) to visit on-site detention basins and nearby streams. The City will begin developing and implementing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects. Information on climate change may be found at the following website link: <http://www.epa.gov/climatechange/>.

Milestone, Year 14: **Schedule at least one meeting with a local HOA to discuss stormwater pollution prevention and proper maintenance and upkeep of the detention basins. The Village will begin developing and implementing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects. Information on climate change may be found here: <http://www.epa.gov/climatechange/>.**

BMP No. F1 Employee Training Program

Measurable Goal(s): Formalize stormwater pollution prevention training for City employees. Conduct formal stormwater pollution prevention training for City employees annually.

Milestone, Year 14: **Continue stormwater pollution prevention training program for City employees.**

BMP No. F2 Inspection and Maintenance Program

Measurable Goal(s): Formalize an Inspection and Maintenance Program for City facilities and infrastructure. Conduct formal inspection and maintenance. Annually review the program for effectiveness and update the program as needed. Begin

training employees in the routine maintenance, repair, or replacement of green infrastructure.

Milestone, Year 14: **Begin training employees or contractors in the routine maintenance, repair, or replacement of green infrastructure.**

BMP No. F3 Municipal Operations Storm Water Control

Measurable Goal(s): Formalize a Stormwater Pollution Prevention Plan for the City's municipal operations. Annually review the plan for effectiveness and update the program as needed. The City currently stores deicing material in a permanent building. The City will continue to store deicing material in this manner.

Milestones, Year 14: **Document periodic inspections of City facilities according to the Stormwater Pollution Prevention Plan. Continue to store deicing material in a permanent building.**

BMP No. F4 Municipal Operations Waste Disposal

Measurable Goal(s): Formalize a Municipal Operations Waste Disposal Plan. Annually review the plan for effectiveness and update the program as needed.

Milestones, Year 14: **Continue proper waste disposal procedures for waste generated by municipal operations.**

BMP No. F6 Other Municipal Operations Control

Measurable Goal(s): Continue to participate with the Friends of the Fox River as well as the Tyler Creek Watershed Coalition, in an ongoing effort to assist with the reduction in chloride levels in receiving streams.

Milestones, Year 14: **Continue to participate with the Friends of the Fox River as well as the Tyler Creek Watershed Coalition in order to assist with the reduction in chloride levels in receiving streams.**

E. RELIANCE ON ANOTHER GOVERNMENT ENTITY

The City of Elgin is not relying on another government entity to satisfy the requirements of the General NPDES Permit for Discharges from Small MS4s; however, the City does benefit from a number of Kane County's stormwater activities, including a number of Public Education and Outreach BMPs. Please see Kane County's Annual Facility Inspection Report for additional information about these activities.

F. LIST OF CONSTRUCTION PROJECTS

The City of Elgin provided funding for the following construction projects during the March 2015 to February 2016 (Year 13) reporting period:

- Annual Storm Sewer Upgrade Project (see Neighborhood Street Rehab)
- CBD Streetscape Project (Chicago, Highland and State frontage road)
- Neighborhood Street Rehabilitation (Eagle Heights, Plum/St. John, Easy/Lin Lor and Woodard/Standish)
- Neighborhood Resurfacing (Northeast neighborhoods and Northwest neighborhoods)
- Collector Street Resurfacing (Lyle, Valley Creek, Fletcher, Waverly, Bode, Channing, Spring Hill, Campus, Bruce and Allen)
- South Street Extension Construction (Randall Road to Longcommon Parkway)
- Engineering for 2017 Neighborhood Rehabilitation – Moseley/Orchard area
- Engineering for East Chicago Street Reconstruction (Center to Porter)
- Resurfacing of Oakwood Park Subdivision and Tollgate/Church area
- Kimball Dam Inspection
- Highway Bridge Inspection