



Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

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, 2019 To March, 2020

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) 931-6159
Contact Person: Eric Weiss, P.E. Email Address: weiss_e@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

- | | | | |
|--|--------------------------|---|--------------------------|
| 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

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:

Eric Weiss, P.E.

Printed Name:

5/28/20
Date:

Water Director

Title:

EMAIL COMPLETED FORM TO:

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)**

City of Elgin, Illinois

2020 ANNUAL FACILITY INSPECTION REPORT March 2019 to February 2020 Reporting Period

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.

B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

The City committed to a number of stormwater BMPs in order to meet the requirements of the City's MS4 permit. The City has developed a Stormwater Management Plan and Notice of Intent (NOI) for its MS4 program, and has posted them to the City's webpage along with each year's annual program report.

The following is a status report on each of the BMPs and the activities that were performed during the reporting period. The status or progress for each of the measurable goals related to these BMPs is described below.

BMP No. A1 Distributed Paper Material

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

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

BMP Status: The City continues to make stormwater pollution prevention information materials available at City facilities, on the City website, and through social media (such as Facebook and Twitter), including information about how to reduce pollutants in stormwater runoff (such as the City's rain barrel program (offering subsidized rain barrels to Elgin residents for a reduced cost), Earth Day, recycling, leaf pick-up programs, river clean-up events, and Adopt A Catch Basin).

BMP No. A2 Speaking Engagement

Measurable Goal(s): 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: **Make three stormwater pollution prevention presentations.**

BMP Status: The Sustainability Commission met monthly during 2019. These public meetings typically include presentations and discussion related to the City's sustainability initiatives.

On May 18, 2019, 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. On behalf of the City, Baxter & Woodman staffed a booth and distributed educational flyers and displayed both the Enviroscape model and a rain barrel, 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 hosted an Earth Day event on April 27, 2019. On behalf of the City, Baxter & Woodman staffed a booth and distributed educational flyers and displayed both the Enviroscape model and a rain barrel.

On behalf of the City, Baxter & Woodman staffed a booth at the Elgin Harvest Market (sponsored by the Downtown Neighborhood Association of Elgin) on August 23, 2019. At

the events, Baxter & Woodman distributed educational flyers and displayed both the Enviroscape model and a rain barrel.

The City continues to target outreach for homeowner associations on stormwater pollution prevention and maintenance of private stormwater best management practices. Planning for future homeowners association meetings was performed this year.

BMP No. A4 Community Event

Measurable Goal(s): Host a Public Works Facility Open House and an Earth Day Celebration event each year.

Milestone: **Continue to host an Open House.**

BMP Status: On May 18, 2019, 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. On behalf of the City, Baxter & Woodman staffed a booth and distributed educational flyers and displayed both the Enviroscape model and a rain barrel, all aimed at educating the public on the importance of water quality while also providing examples of ways residents can help reduce stormwater pollution.

BMP No. A5 Classroom Education Material

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

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

BMP Status: The Kane-DuPage Soil and Water Conservation District (KDSWCD) provides educational programs on watersheds, land use, water pollution, wetlands, soil and groundwater.

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

Formal Education activities

- In-stream education experiences
- Classroom watershed education

Elgin Math and Science Academy – 3rd grade
In-class 3 hours – 3 educators – 50 students
Field Trip 6 hours – 3 educators – 50 students

Harvest Christian Academy – 7th grade
6 sessions 7th grade – 6 hours - 1 educator – 150 students
Meeting with teachers and administrators – 3 staff

Channing Elementary – 5th grade
5 stream sessions – 2 hours – 2 educators – 180 students

Creekside Elementary - kindergarten
2 sessions – 2 hours – 1 educator – 54 students

Otter Creek Elementary – 5th grade
8 stream sessions – 2 hours – 3 educators – 200 students
4 classroom sessions – 1 hour – 1 educator – 100 students

Einstein Academy – all grades
1 stream session – 5 hours - 4 educators – 120 students

U46 DREAM Academy
2 sessions – 2 hours – 1 educator – 22 students

Elgin Academy – High School
1 stream session – 2 hours – 1 educator – 10 students

BMP No. A6 Other Public Information

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

Milestone: **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 waterways. 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 as well as composting.

The City also continues to implement 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: **Coordinate a public participation event with a local stakeholder group.**

BMP Status: The City continues to sponsor and partner with Friends of the Fox River to perform stream clean-up and monitoring events:

-) EMSA Friday Field Studies – K-4
27 sessions – 216 hours – 4 educators – 100 students each week/2700 student
-) STEM event with Fischer Scientific @ Izaak Walton League
3 hours – 1 educator - 40 students
-) STEM event @ GBL
4 hours – 3 staff – public event
-) Spring - Love Our River Day – 6 staff volunteers – 4 hours
-) Fall - It's Our Fox River Day – Various locations with multiple staff - 20+ hours
-) Earth Day @ Hawthorne Hill Nature Center – 2 staff - 4 hours
2 speaker presentations @ GBL – 2 staff - 4 hours

- J Pond presentation @ GBL Rakow Branch – 1 staff - 2 hours
- J Education & Outreach other
 - o Distribution of materials at events
 - o Newsletter distribution
 - o Social media presence
 - o Various pop-up cleanups @ Voyaguer Landing, Trout Park/Fox River landing, south of RT 20
- J Data collection - Monthly sampling of a variety of sites from the following watersheds: Fox River, Tyler Creek, Sandy, and Otter Creek. – 2 staff - 48 hours

BMP No. B3 Stakeholder Meeting

Measurable Goal(s): 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: **Attend stakeholder meetings each year.**

BMP Status: The City continued its coordination with several stakeholder groups throughout 2019, including the Fox River Study Group, Friends of the Fox River, and the Tyler Creek Watershed Coalition.

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: **Continue to 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 continues to utilize the 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: **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. The City provides links to various programs that help improve water quality by working to eliminate pollutants, such as: Rain Barrel Program, City Waste Collection, Kane County Recycles, and the Sustainability Action Plan. The City also provides 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, Tyler Creek Watershed Coalition, and the Ferson-Otter Creek Watershed Coalition. 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. B7 Public Reporting

Measurable Goal(s): The City will continue assessing environmental justice; 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: **Continue to evaluate potential environmental justice areas. The following link shall be used to identify any environmental justice areas within the City: <http://epa.gov/environmentaljustice/>. Continue to**

inform residents of the contact number to call for reporting stormwater related issues.

BMP Status: The City completed a stormwater program focused environmental justice assessment. Results indicated value in providing program materials in Spanish language.

BMP No. C1 Storm Sewer Map Preparation

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

Milestone: **Continue adding new subdivisions to the storm sewer map.**

BMP Status: The City updated its storm sewer mapping with any changes needed during 2019.

BMP No. C2 Regulatory Control Program

Measurable Goal(s): Enforce the City Code.

Milestone: **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 Illicit Discharge Detection/Elimination Prioritization Plan

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

Milestone: **Continue inspections of industrial properties.**

BMP Status: Inspections were performed at 8 industrial facilities in 2019. Noted pollution prevention concerns were addressed.

An illicit discharge investigation was performed on July 16, 2019 in response to a citizen complaint. A discharge was not observed at the complaint location.

BMP No. C4 Illicit Discharge Tracing Procedures

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

Milestone: **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.

BMP No. C5 Illicit Source Removal Procedures

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

Milestone: **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): Evaluate and assess the effectiveness of the illicit discharge detection and elimination program. Revise the program as necessary.

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

BMP Status: The illicit discharge detection and elimination program continues to be enforced. Procedures for reporting and documenting suspected illicit storm sewer discharges have been adopted and provided to Public Works staff. A placard with the procedures is kept in each Public Works staff vehicle at all times.

BMP No. C7 Visual Dry Weather Screening

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

Milestone: **Perform visual dry weather screening.**

BMP Status: The City continued its work to screen stormwater 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. Over 60 outfalls were screened throughout June, July, and August 2019. No illicit discharges or other water quality issues were noted.

The City’s priority list of outfalls was created in 2015; inspection of high priority outfalls and a portion of the City’s other outfalls will continue.

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: **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: **Continue to enforce the Kane County Stormwater Ordinance.**

BMP Status: The City has adopted and continues to enforce the Kane County Stormwater Ordinance. During 2018 the City issued 28 ROW permits, 12 soil permits, and 196 utility permits.

BMP No. D2 Erosion and Sediment Control BMPs

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

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

BMP Status: The City utilizes the 311 contact center as well as the 311 mobile app 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: **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. Inspections were performed for the 236 permits (ROW, soil, and utility) issued in 2019.

BMP No. E2 Regulatory Control Program

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

Milestone: **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. Inspections were performed for the 236 permits (ROW, soil, and utility) issued in 2019.

BMP No. E3 Long Term O&M Procedures

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

Milestone: **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: **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: **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. Inspections were performed for the 236 permits (ROW, soil, and utility) issued in 2019.

BMP No. E6 Post-Construction Inspections

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

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

BMP Status: The City performed 52 basin inspections in 2019.

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: **Schedule at least one meeting with a local HOA to discuss stormwater pollution prevention and proper maintenance and upkeep of the detention basins.**

The City has continued 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 Status: On-site HOA meetings were not requested or necessary in 2019. The City will continue to provide information and assistance to local HOAs as needed.

The City will continue implementing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects.

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: **Continue stormwater pollution prevention training program for City employees.**

BMP Status: City staff training was performed in November of 2019. The training 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.

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

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 used for the maintenance, repair, or replacement of green infrastructure as well as to evaluate the Inspection and Maintenance program to determine how the program can be improved.

A total of eight (12) City facilities were inspected during 2019. 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.

The City continued to maintain its naturalized detention basins and other stormwater infrastructure.

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. The City currently stores deicing material in a permanent building. The City will continue to store deicing material in this manner.

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

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.

This reporting year, 1,947 system catch basins were cleaned and inspected, 20% of the storm water system was cleaned and inspected, and the City continued its routine City-wide street sweeping program, which includes approximately 13,236 lane-miles of roads.

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: **Continue proper waste disposal procedures for waste generated by municipal operations.**

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

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.

Milestone: **Continue to participate with various agencies such as the Friends of the Fox River, the Fox River Ecosystem Partnership, the Fox River Study Group, and the Tyler Creek Watershed Coalition in order to assist with the reduction in chloride levels in receiving streams.**

BMP Status: The City has continued participating with various agencies such as the Friends of the Fox River, the Fox River Ecosystem Partnership, the Fox River Study Group, the Tyler Creek Watershed Coalition, and others, to assist with the reduction in chloride levels in receiving streams.

C. RESULTS OF INFORMATION COLLECTED AND ANALYZED

Wet weather samples were collected on April 12, September 12, and November 21, 2019, and March 10, 2020 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. The analysis results for the wet weather samples are on file for review.

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 BMPs and MS4 program.

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

A summary of the stormwater activities that the City plans to undertake during the next reporting period 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: **Insert articles in water bills and continue distribution of brochures. The Sustainability Commission to continue collaborating with the local library district to include several pages in the library’s newsletter that is direct mailed to households.**

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: **Make three stormwater pollution prevention presentations.**

BMP No. A4 Community Event

Measurable Goal(s): Annually host a Public Works Facility Open House and an Earth Day Celebration event.

Milestone: **Continue to host an Open House and Earth Day Celebration event.**

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: **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: **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: **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: **Annually attend stakeholder meetings.**

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: **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: **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 continue assessing environmental justice; if applicable, the City will begin identifying appropriate public involvement/participation. Continue to inform residents of the contact number to call to report stormwater related issues.

Milestone: **Continue to evaluate potential environmental justice areas.**

BMP No. C1 Storm Sewer Map Preparation

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

Milestone: **Annually update the Storm Sewer Map, as needed.**

BMP No. C2 Regulatory Control Program

Measurable Goal(s): Enforce the City Code.

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

BMP No. D1 Regulatory Control Program

Measurable Goal(s): Enforce the Stormwater Ordinance.

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

BMP No. D2 Erosion and Sediment Control BMPs

Measurable Goal(s): Enforce the Stormwater Ordinance.

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

BMP No. D3 Other Waste Control Programs

Measurable Goal(s): Enforce the City Code.

Milestone: **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: **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: **Publicize the hotline for resident reporting.**

BMP No. D6 Site Inspection/Enforcement Procedures

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

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

BMP No. E2 Regulatory Control Program

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

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

BMP NO. E7 Other Post-Construction Runoff Controls

Measurable Goal(s): Provide assistance to homeowner associations (HOA) as requested or necessary. 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: **Provide assistance to homeowner associations (HOA) as requested or necessary. The City will continue 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: **Perform or provide for annual staff training. The training will focus 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.**

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: **Continue 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: **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: **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: **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 MS4 permit; 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. The City also makes use of any data

collected and materials produced by the Friends of the Fox River, Fox River Study Group, and the Tyler Creek Watershed Coalition.

F. LIST OF CONSTRUCTION PROJECTS

The City of Elgin provided funding for the following construction projects during the reporting period:

- 2019 Streets Program