



# 2019 Annual Facility Inspection Report

October 10, 2019





## Introduction

---

- The City of Evanston received a USEPA General National Pollutant Discharge Elimination System (NPDES) Permit for Discharges from Municipal Separate Storm Sewer Systems (MS4) in order to operate a separate storm sewer system (2016-2021).



## Introduction

---

- Permittee must develop, implement, and enforce a storm water management program designed to reduce the discharge of pollutants from their MS4 to the maximum extent practicable, to protect water quality, and to satisfy the appropriate water quality requirements of the Illinois Pollution Control Board Rules and Regulations and the Clean Water Act.



## Introduction

---

- The Permittee's storm water management program must include the six minimum control measures:
  - Public Education and Outreach on Storm Water Impacts
  - Public Involvement/Participation
  - Illicit Discharge Detection and Elimination
  - Construction Site Storm Water Runoff Control
  - Post-Construction Storm Water Management in New Development and Redevelopment
  - Pollution Prevention/Good Housekeeping for Municipal Operations



## Introduction

---

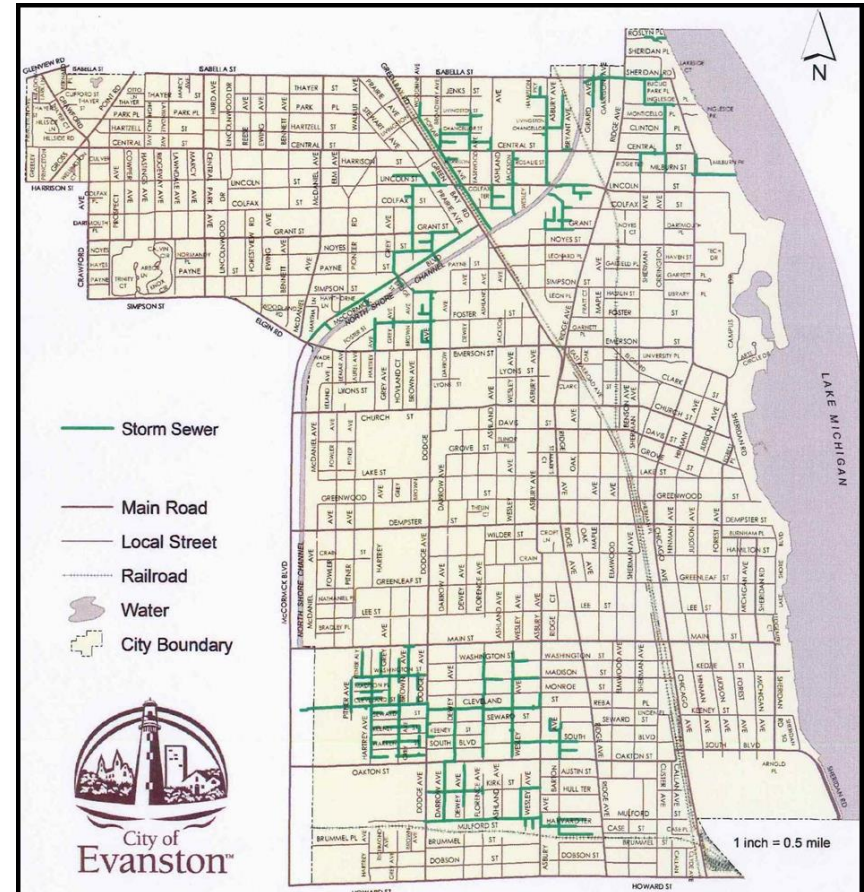
- As a condition of the permit, the City must complete an Annual Facility Inspection Report.
- This report is for the reporting period of March 1, 2018 – February 28, 2019.

# Introduction

## Evanston Sewer System

City operates 3 separate sewer systems:

- Combined
- Combined Relief (Long Range Sewer Program)
- **Storm Sewer System**





# Introduction

---

- Storm water means:
  - storm water runoff
  - snow melt runoff
  - surface runoff and drainage





# Introduction

---

- The City has 18 storm sewer outfalls.
- Storm sewers in the City discharge to the North Branch of the Chicago River and Lake Michigan.





# Public Education and Outreach on Storm Water Impacts

Goal Description	Goal No.	Action	Initial Target Date	Measurable Goal	Date Completed
Develop information for public on effective pollution prevention to minimize discharge of pollutants from private property, including: <ul style="list-style-type: none"> <li>A. Fuels and oils (including vehicles leaks)</li> <li>B. Soaps, solvents or detergents used in outdoor washing of vehicles and other property</li> <li>C. Paint</li> <li>D. Lawn and garden care</li> <li>E. Winter de-icing materials (storage and use)</li> </ul>	1.1.a	Develop educational information on effective pollution prevention to minimize discharge of pollutants from private property.	9/30/18	Develop flyer with educational information.	10/3/2018
	1.1.b	Provide information on City website.	9/30/18	Review and update annually.	7/16/2018
	1.1.c	Provide information as press release through eNews system.	9/30/18	Provide one press release annually.	11/15/18



# Public Involvement/Participation

Hold one public meeting annually for the public to provide comment on the Annual Evaluation.	2.2.a	Schedule public hearing at Environment Board.	9/30/18	Hold hearing.	10/11/2018
	2.2.b	Provide information as press release through eNews system.	9/15/18	Provide one press release.	9/19/2018
	2.2.c	Advertise hearing in local newspaper at least 10 days in advance.	9/15/18	Provide one newspaper advertisement.	(Advertised in the Chicago Tribune and Evanston Round Table) – Run dates 9/20/2018, 9/22/2018, 9/27/2018, 10/4/2018, 10/11/2018



# Illicit Discharge Detection and Elimination

Goal Description	Goal No.	Action	Initial Target Date	Measurable Goal	Date Completed
Develop, implement and enforce a program to detect and eliminate illicit connections or discharges into the permittee's small MS4.	3.1.a	Review existing illicit discharge detection and elimination program for compliance with new 2016-2021 MS4 permit requirements.	5/31/18	Complete program review.	11/26/2018
Update storm sewer map to include any modifications to the sewer system map.	3.2.a	Review recent construction projects and update City's GIS system with any changes to storm sewer system.	5/31/18	Complete GIS updates.	No modifications to the Storm sewer system as of 12/31/2018.
	3.2.b	Publish City's storm sewer map on City website.	5/31/18	Post updated map on City website.	11/12/2018



# Construction Site Storm Water Runoff Control

Goal Description	Goal No.	Action	Initial Target Date	Measurable Goal	Date Completed
Develop an ordinance or regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance.	4.1.a	Review and update Erosion and Sediment Control Policy.	12/31/18	Review and update policy.	1/18/2019
	4.1.b	Provide information on City website.	12/31/18	Review and update annually.	1/18/2019
	4.1.c	Incorporate Erosion and Sediment Control Policy into City ordinances.	12/31/20	Revised ordinance approved by City Council.	43-O-19 adopted 5/13/2019
Require construction site operators to control or prohibit non-storm water discharges.	4.2.a	Incorporate requirements into Erosion and Sediment Control Policy.	12/31/18	Review and update policy.	1/18/2019



# Post-Construction Storm Water Management in New Development and Redevelopment

Goal Description	Goal No.	Action	Initial Target Date	Measurable Goal	Date Completed
Develop, implement and enforce a program to address and minimize stormwater runoff from new development and redevelopment projects that disturb greater than or equal to one acre.	5.1.a	Enforce existing Evanston Stormwater Control Ordinance	Ongoing	Review and update annually.	3/12/2018
Develop and implement a program to minimize the volume of storm water runoff and pollutants from public highways, streets, roads, parking lots and sidewalks. Include training for all MS4 employees and contractors who main repair or replace public surfaces or green infrastructure.	5.3.a	Review and update City's Complete and Green Streets Policy.	06/30/18	Update policy, adopted and approved by City Council.	1/18/2019
	5.3.b	Develop a checklist for evaluating street and other public right-of-way projects for compliance with the City's Complete and Green Streets Policy.	5/31/18	Finalized Complete and Green Streets Checklist (CGSC).	1/18/2019



# Pollution Prevention/Good Housekeeping for Municipal Operations

Goal Description	Goal No.	Action	Initial Target Date	Measurable Goal	Date Completed
Develop and implement an O&M program that includes an annual training component for municipal staff and contractors to prevent and reduce the discharge of pollutants to the maximum extent practicable.	6.1.a	Develop O&M Manual for Municipal Storage Yard Practices.	12/31/20	Completed O&M Manual.	Not yet completed
Implement measures to minimize the discharge of pollutants from equipment and vehicle washing. Wash waters must be treated in a sediment basin at a minimum.	6.2.a	Conduct annual training on vehicle washout practices.	6/30/19	Conduct 1 training per year.	03/12/2019 12/20/2018
Minimize the exposure of building materials, products, construction waste, trash, landscape materials, fertilizers, pesticides, herbicides, chemical storage tanks, deicing material storage facilities and temporary stockpiles, detergents, sanitary waste and other materials to precipitation and to stormwater.	6.3.a	Do not store materials in areas served by storm sewer. All runoff will be directed to the combined sewer system.	12/31/18	Conduct 1 inspection of storage areas per year.	05/06/2019
Minimize the discharge of pollutants from spills and leaks. Implement chemical spill and leak prevention and response procedures.	6.4.a	Provide annual training on chemical spill response.	12/31/18	Conduct 1 training annually.	1/3/2019, 1/9/2019 3/26/2019
	6.4.b	Provide chemical spill response kits at each municipal storage area.	12/31/18	Conduct annually inspection of chemical spill response kits.	1/3/2019



## Questions?

---

Darrell A. King

Water Production Bureau Chief

Public Works Agency

[dking@cityofevanston.org](mailto:dking@cityofevanston.org)

847-448-4311