



# 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, 2021 To March, 2022

Permit No. ILR40 0223

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

Name: City of Markham Mailing Address 1: 16313 South Kedzie Parkway  
Mailing Address 2: \_\_\_\_\_ County: Cook  
City: Markham State: IL Zip: 60428 Telephone: 708-331-4905  
Contact Person: Todd Clayton Email Address: tclayton@cityofmarkham.net  
(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 Markham

#### 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 checked="" type="checkbox"/> |
| 2. Public Participation/Involvement          | <input checked="" type="checkbox"/> | 5. Post-Construction Runoff Control       | <input checked="" type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input checked="" type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input checked="" 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))**

Todd Clayton  
Owner Signature:  
Todd Clayton  
Printed Name:

8-22-22  
Date:  
Superintendent  
Title:

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

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
WATER POLLUTION CONTROL  
COMPLIANCE ASSURANCE SECTION #19  
1021 NORTH GRAND AVENUE EAST  
POST OFFICE BOX 19276  
SPRINGFIELD, ILLINOIS 62794-9276

## City of Markham, Illinois

### Stormwater Management

#### Plan

#### Introduction

The City of Markham has a General Permit from the Illinois Environmental Protection Agency (IEPA) for discharges from its municipal separate storm sewer system. The General Permit requires the City to develop, implement, and enforce a stormwater management program designed to prevent and reduce pollution from its storm sewer system to the maximum extent practicable. This document describes the pollution prevention practices that comprise the City's stormwater management program.

#### Best Management Practices (BMPs):

##### **A. Public Education and Outreach**

- ✓ A.4 Community Event
- ✓ A.6 Other Public Education

##### **B. Public Participation/Involvement**

- ✓ B.4 Public Hearing
- ✓ B.7 Other Public Involvement

##### **C. Illicit Discharge Detection & Elimination**

- ✓ C.1 Storm Sewer Map Preparation
- ✓ C.7 Visual Dry Weather Screening
- ✓ C.9 Public Notification

##### **D. Construction Site Runoff Control**

- ✓ D.1 Regulatory Control program
- ✓ D.2 Erosion & Sediment Control BMPs
- ✓ D.4 Site Plan Review Procedures
- ✓ D.6 Site Inspection/Enforcement Procedures

##### **E. Post-Construction Runoff Control**

- ✓ E.2 Regulatory Control Program
- ✓ E.4 Pre-Construction Review of BMP Designs
- ✓ E.6 Post-Construction Inspections
- ✓ E.7 Other Post-Construction Runoff Controls

##### **F. Pollution Prevention/Good Housekeeping**

- ✓ F.1 Employee Training Program
- ✓ F.2 Inspection & Maintenance Program
- ✓ F.4 Municipal Operations Waste Disposal



- ✓ F.5 Flood Management/Assess Guidelines
- ✓ F.6 Other Municipal Operations Controls

### Reporting

Notice of Intent- The term of the City's General Permit from the IEPA is 5 years. At the end of each permit term, the City submits a Notice of Intent IEPA to comply with the conditions of the General Permit. This Notice of Intent describes the practices the City intends to implement in order to meet the conditions of the General Permit.

Annual Report- Each year, the City submits a report to the IEPA documenting its status of compliance with the conditions of the General Permit.



COMMUNITY NAME:

City of Markham

PERMIT #:

ILR400223

Community

Permit Number

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2021 through March 2022

A. Changes to Best Management- Were there any changes to the BMPs?		B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.		C. Provide results of information collected and analyzed, including monitoring data. Information attached?		D. Summarize the stormwater activities you plan to undertake with an implementation schedule		
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
<b>BMP No. A.4 - Community Event- Spring Clean-Up Week</b>								
Milestone For Reporting Year: Host Spring Clean-up Week								
		X	The City will involve the public in a cleanup event on an annual basis. Information for this annual cleanup event will be made available on the City's website to allow volunteer groups and residents to partake in the event.	Published information related to these programs and the public are available to all residents.		X	The City will continue to promote and hold this activity annually.	On-going through 2021-2022 permit year.
<b>BMP No. A.6- Other Public Education</b>								
Milestone For Reporting Year: Add link or document to the City's website.								
		X	The City's website will include information about the impacts of stormwater discharges on waterbodies, stormwater quality within the City's limits, and links to programs available to residents/businesses from other organizations/agencies. Information regarding public services such as garbage collection, yard waste pickup, sewer systems, etc. will be posted	Information posted to City website.		X	The Village is responsible for maintaining the proram and webpage.	On-going through 2021-2022 permit year.
<b>BMP No. B.4- Public Hearing</b>								
Milestone For Reporting Year: Present an update about City's MS4 program.								
		X	The City will present its MS4 program, stormwater, flooding, pollution control etc. on an annual basis during one of its regularly scheduled Council meetings that is open to the public. Residents can comment and ask questions.			X	The meeting will be publicized on the City's website and minutes will be taken.	On-going through 2021-2022 permit year.

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<b>BMP No. B.7- Other Public Involvement</b>								
Milestone For Reporting Year: Group to meet at least twice annually to establish storm water management priorities.								
BMP added during this cycle.	X		Residents and businesses are encouraged to participate in the City's efforts to remove debris and other items that may impact the City's stormwater systems.	Residents and businesses participate.		X	The City will continue to promote and hold this activity annually.	On-going through 2021-2022 permit year.
<b>BMP No. C.1- Storm Sewer Map Preparation</b>								
Milestone for Reporting Year: Account for City outfalls.								
BMP added during this cycle.	X		The City has contracted with RJN to digitize their storm sewer atlas into a GIS format. The GIS map will show locations of outfalls and will be updated on a periodic basis if budget allows. The storm sewer atlas will show locations of all the outfalls and names of the receiving waters that receive discharges.	City outfalls have been located and accounted for.		X	The City will continue tracking and mapping the storm sewer system annually if budget allows.	On-going through 2021-2022 permit year.
<b>BMP No. C.7- Visual Dry Weather Screening</b>								
Milestone for Reporting Year: Develop visual screen program.								
BMP added during this cycle.	X		The City will develop a visual screening program that will consist of inspecting outfalls and logging the results on a form. The goal is to inspect the outfalls on an annual basis.	The City is working with RJN Group to develop a visual screening program.		X	The City will implement the program once it is developed.	On-going through 2021-2022 permit year.

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Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
<b>BMPs No. C.9- Public Notification</b>								
Milestone for Reporting Year: Add link or document to the City's website.								
BMP added during this cycle.	X		Electronics recycling is offered by the City and advertised on City website. Additionally, the City website has a form that residents and businesses can report any concern by either calling the City Hall or emergency 911.		X		The Village is responsible for maintaining the proram and webpage.	On-going through 2021-2022 permit year.
<b>BMP No. D.1- Regulatory Control Program</b>								
Milestone for Reporting Year: Continue enforcing WMO review plan.								
BMP added during this cycle.	X		Article 4 (Requirements for Erosion and Sediment Control) of the Watershed Management Ordinance (WMO) regulates erosion and sediment control projects within the City. Any new development that is reviewed by the City Engineering Consultant involves a thorough review of the erosion control plans in accordance with these requirements.			X	The City will continue to enforce this review plan, and update it if needed.	On-going through 2021-2022 permit year.
<b>BMP No. D.2 Erosion and Sediment Control BMPs</b>								
Milestone for Reporting Year: Continue enforcing site BMPs_								
BMP added during this cycle.	X		Erosion and sediment Control BMPs are required and enforced through the plan review process for developments in the City. Required site BMPs are reviewed for effectiveness during the construction.			X	The City will continue to enforce site BMPs.	BMPs will be updated as needed.

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Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
<b>BMPs No. D.4- Site Plan Review Procedures</b>								
Milestone for Reporting Year: Continue working with consultants to review development plans.								
BMP added during this cycle.	X		Engineering site review of development plans will be reviewed by City engineering consultants under local and county requirements especially regarding stormwater and erosion and sediment control measures. Projects that disturb greater than 1 acre will be required to submit a Notice of intent prior to construction. A SWPPP is required with plan sets.			X	The City will continue working with consultants to review development plans.	On-going through 2021-2022 permit year.
<b>BMPs No. D.6- Site Inspection and Enforcement Procedures</b>								
Milestone for Reporting Year: Continue to maintain relevant forms and communicate with contractors.								
BMP added during this cycle.	X		Weekly inspection reports will be required from developers of all active projects within the City during construction. Inspections for erosion control devices for construction projects shall follow IEPA and MWRD requirements. The inspections will typically be documented on appropriate forms and all deficiencies observed will be addressed by the Contractor typically within 7 business days.			X	The City will continue to require documentation of all deficiencies observed on the appropriate forms and they will be addressed by the Contractor typically within 7 business days.	On-going through 2021-2022 permit year.
<b>BMP No. E.2- Regulatory Control Program</b>								
Milestone for Reporting Year: Continue enforcing WMO review plan.								
BMP added during this cycle.	X		The City continues to enforce this through the plan review process. Additionally, Article 4 of the Watershed management Ordinance (WMO) by the MWRD regulates erosion and sediment control of projects.			X	The City will continue to enforce this program with the Control Program.	On-going through 2021-2022 permit year.
<b>BMP No. E.4- Pre-Construction Review of BMP Designs</b>								
Milestone for Reporting Year: Construction site plans and BMPs are reviewed.								
BMP added during this cycle.	X		Pre-construction review of BMPs is performed during the plan review process to ensure all proposed BMPs will function properly. Consideration will be given for any changes in the requirements warranted due to new or emerging technologies.			X	The City will continue to review and update pre-construction procedures.	On-going through 2021-2022 permit year.

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Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
<b>BMP No. E.5- Site inspections During Construction</b>								
Milestone for Reporting Year: Construction sites and reports will continue to be inspected.								
BMP added during this cycle.	X		Weekly inspection reports of erosion control devices will be required from developers of active projects. The inspections will be documented on appropriate forms and any deficiencies noted will be emailed to contractor/developer to address the deficiencies. Periodic inspections by the City may be performed during the construction phase.			X	The City will continue to inspect construction sites and maintain weekly report practices.	On-going through 2021-2022 permit year.
<b>BMP No. E.6- Post Construction Inspections</b>								
Milestone for Reporting Year: Final construction sites and storm structures will continue to be evaluated.								
BMP added during this cycle.	X		Post-construction BMPs and facilities including storm sewer systems, grading, and stormwater detention facilities will be inspected after the sites are completed and the request for the acceptance of the development is received. Final inspections will be part of any newly constructed development.			X	Final construction sites and storm structures will continue to be evaluated by the City.	On-going through 2021-2022 permit year.
<b>BMP No. F.1- Employee Training Program</b>								
Milestone for Reporting Year: Sanction annual video training for relevant employees.								
BMP added during this cycle.	X		Continuing education/training for appropriate employees for pollution prevention measures in salt spreading, snow-plowing procedures for disposal of oil, salt storage, fuel dispensing and handling of solvents shall be prioritized. This continuing education may be in the form of various videos applicable to the subject matter.			X	The City will sanction annual video training for relevant employees.	On-going through 2021-2022 permit year.
<b>BMP No. F.2- Inspection and Maintenance Program</b>								
Milestone for Reporting Year: Account for all storm structures.								



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Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP added during this cycle.	X		Routine inspection and maintenance of City streets are part of the typical Public Works responsibilities. This includes street sweeping, vacuuming, jetting, or repair, and debris, branch, and leaf collection. The City plans to develop a plan for the routine inspection and maintenance of the storm sewers, storm inlets/catch basins, ditches, swales as part of the typical Public Works responsibilities.			X	The City will work with a contractor to develop a plan for the routine inspection and maintenance of the storm structures, while continuing maintenance practices to reduce debris.	On-going through 2021-2022 permit year.
<b>BMP No. F.4- Municipal Operations Waste Disposal</b>								
Milestone for Reporting Year: Continue to maintain practices to align with State requirements.								
BMP added during this cycle.	X		The BMPs for municipal operations for waste control will be reviewed for effectiveness and audited for compliance with the program. Revisions will be made as necessary. Typical municipal operations will continue to adhere to established and known waste disposal measures. Fluids such as oil and coolant from vehicle maintenance are collected and disposed of according to State requirements. Spilled fuel is mopped up with an absorbent product or similar material and disposed of properly when accidents happen.			X	Employees will be trained on proper procedures annually while the procedures will be maintained and updated annually.	On-going through 2021-2022 permit year.
<b>BMP No. F.5- Flood Management/Assess Guidelines</b>								
Milestone for Reporting Year: Maintain operations complying with flood regulations.								
BMP added during this cycle.	X		The City code includes flood Regulations which enforce floodplain and flood hazard regulations for any development in or near to floodplains. The WMO is also applicable and enforced with new developments. Development plans will be reviewed for compliance with applicable ordinances and policies regarding flood management and for compliance with IDNR-OWR and FEMA regulations.			X	The City will continue to maintain flood management practices in accordance with the WMO and City code, and evaluate these regulations annually.	On-going through 2021-2022 permit year.
<b>BMP No. F.6- Other Municipal Operations Controls</b>								
Milestone for Reporting Year: The City will review operating procedures and BMPs and modified if necessary.								

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Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP added during this cycle.	X		Equipment Maintenance, Cleaning, and Material Storage – All maintenance and washing for the Public Works Department fleet is done on Public Works parking lot. Road salt is stored in a covered shelter. Chemicals are stored in tanks/containers at Public Works. Excess spill from Public Works projects is either taken immediately to a private waste disposal site. Lubricant and oil spills resulting from equipment maintenance are cleaned up using oil absorbing compounds to the maximum extent possible. Storm debris is removed as needed or as requested by the residents.			X	Operation procedures are reviewed annually.	On-going through 2021-2022 permit year.

# CITY OF MARKHAM



## RESIDENTIAL ELECTRONICS RECYCLING PROGRAM



### WHY CAN'T RESIDENTS DISPOSE OF ELECTRONICS WITH HOUSEHOLD GARBAGE?

The Illinois Electronic Products Recycling and Reuse Act went into effect January 1, 2012. Homewood Disposal, and all waste haulers, are no longer able to accept many electronics in residential curbside waste programs.

### HOW CAN RESIDENTS DISPOSE OF ELECTRONICS?

Homewood Disposal has developed an e-waste recycling solution for Markham. Current residential customers can schedule a pick up online or by phone. Then, simply place your electronics at the curb on your regular pick up day. Electronics that are placed curbside without scheduling will not be removed. At least one TV or monitor per pick up is preferred. (Each address has a limit of two televisions or computer monitors per year.)

# Program Begins May 01, 2021

## ELECTRONICS RECYCLING PROGRAM INCLUDES

- Televisions
- Monitors
- Printers
- Computers  
(desktop, laptop, notebook, & tablet)
- Electronic Keyboards
- Facsimile Machines
- Videocassette Recorders
- Portable Digital Music Players
- Digital Video Disc Players
- Video Game Consoles
- Small Scale Servers
- Scanners
- Electronic Mice
- Digital Converter Boxes
- Cable Receivers
- Satellite Receivers
- Digital Video Disc Recorders

The Illinois Electronic Products Recycling and Reuse Act went into effect January 1, 2012. This law bans many electronics from going into landfills as these products contain hazardous material. According to the Illinois Environmental Protection Agency, the law "establishes a statewide system for recycling and/or reusing computers, monitors, televisions, and printers discarded from residents by requiring electronic manufacturers to participate in the management of discarded and unwanted electronic products".

All TV's and monitors must have intact screens and tubes at the time of pick up. We are not responsible for any broken glass. Customer is responsible for ensuring all personal and confidential information is erased or destroyed prior to placement for collection. Homewood Disposal Service, Inc. is not responsible for protection of personal and confidential data prior to collection. Pick up times may vary, please have items at the curb by 7:00 am. This program is for residents who are included under the Village Municipal Contract.