



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 0414

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

Name: Village of Orland Park Mailing Address 1: 15655 Ravinia Avenue

Mailing Address 2: _____ County: Cook

City: Orland Park State: IL Zip: 60174 Telephone: 708.403.6350

Contact Person: Joel Van Essen Email Address: jvanessen@orlandpark.org
(Person responsible for Annual Report)

Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

Cook County

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))

Joel W. Van Essen
Owner Signature:

Joel Van Essen

Printed Name:

6/1/2022
Date:

Director of Public Works

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

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

Table of Contents

Part A. Changes to Best Management Practices A-1

Part B. Status of Compliance with Permit ConditionsB-1

Part C. Information and Data Collection Results C-1

Part D. Summary of Year 20 Stormwater ActivitiesD-1

Part E. Notice of Qualifying Local ProgramE-1

Part F. Construction Projects Conducted During Year 19 F-1

Part A. Changes to Best Management Practices

Note: X indicates BMPs performed that were proposed in your NPDES permit
 ✓ indicates changes to BMPs proposed in your NPDES permit

Year 17	Year 18	Year 19	Year 20	Year 21	
MS4					
A. Public Education and Outreach					
X	X	X	X	X	A.1 Distributed Paper Material
					A.2 Speaking Engagement
X	X	X	X	X	A.3 Public Service Announcement
					A.4 Community Event
					A.5 Classroom Education Material
X	X	X	X	X	A.6 Other Public Education
B. Public Participation/Involvement					
					B.1 Public Panel
X	X	X	X	X	B.2 Educational Volunteer
					B.3 Stakeholder Meeting
					B.4 Public Hearing
X	X	X	X	X	B.5 Volunteer Monitoring
X	X	X	X	X	B.6 Program Coordination
X	X	X	X	X	B.7 Other Public Involvement
C. Illicit Discharge Detection and Elimination					
X	X	X	X	X	C.1 Storm Sewer Map Preparation
X	X	X	X	X	C.2 Regulatory Control Program
X	X	X	X	X	C.3 Detection/Elimination Prioritization Plan
X	X	X	X	X	C.4 Illicit Discharge Tracing Procedures
X	X	X	X	X	C.5 Illicit Source Removal Procedures
✓	✓	✓	✓	✓	C.6 Program Evaluation and Assessment
					C.7 Visual Dry Weather Screening
					C.8 Pollutant Field Testing
					C.9 Public Notification
✓	✓	✓	✓	✓	C.10 Other Illicit Discharge Controls

Year 17	Year 18	Year 19	Year 20	Year 21	
MS4					
D. Construction Site Runoff Control					
X	X	X	X	X	D.1 Regulatory Control Program
					D.2 Erosion and Sediment Control BMPs
					D.3 Other Waste Control Program
X	X	X	X	X	D.4 Site Plan Review Procedures
					D.5 Public Information Handling Procedures
X	X	X	X	X	D.6 Site Inspection/Enforcement Procedures
					D.7 Other Construction Site Runoff Controls
E. Post-Construction Runoff Control					
					E.1 Community Control Strategy
X	X	X	X	X	E.2 Regulatory Control Program
					E.3 Long Term O&M Procedures
X	X	X	X	X	E.4 Pre-Const Review of BMP Designs
					E.5 Site Inspections During Construction
					E.6 Post-Construction Inspections
					E.7 Other Post-Const Runoff Controls
F. Pollution Prevention/Good Housekeeping					
X	X	X	X	X	F.1 Employee Training Program
X	X	X	X	X	F.2 Inspection and Maintenance Program
X	X	X	X	X	F.3 Municipal Operations Storm Water Control
					F.4 Municipal Operations Waste Disposal
					F.5 Flood Management/Assess Guidelines
					F.6 Other Municipal Operations Controls

Part B. Status of Compliance with Permit Conditions

(Provide 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 maximum extent practicable [MEP], and your identified measurable goals for each of the minimum control measures.)

The status of BMPs and measurable goals performed in Year 19 are described below.

1. Public Education and Outreach

The Village of Orland Park (Village) committed to conduct Public Education and Outreach as part of its permit. Public Education and Outreach requires implementation of a program to distribute educational material to the community or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants to stormwater runoff. The Village committed to implementation of BMPs related to A.1, A.3, and A.6. The status or progress for each of the measurable goals related to these BMPs is presented below.

A.1 Distributed Paper Material

Measurable Goals: The Village will continue to make the informational material and brochures available at the Public Works Department and Village Hall.

The Village has obtained informational brochures related to informing the public about stormwater and water quality issues. The Village has made brochures related to stormwater available to the public.

A.3 Public Service Announcement

Measurable Goals: The Village will continue to include a stormwater and/or water quality related article once a year in the Village's newsletter.

The Village included a stormwater article in the Village newsletter. The stormwater article appeared in the "Orland Park Public" and the village will continue to publish articles in the newsletter.

A.6 Other Public Education

Measurable Goals: The Village will monitor and update the website links as new information becomes available.

The Village has obtained several applicable website links for posting on the Public Works website. The Village is preparing a website overhaul and will work to re-post information to residents about stormwater or water quality.

2. Public Participation/Involvement

The Village committed to performing activities and services related to the Public Participation/Involvement minimum control measure under BMP numbers B.2, B.5, B.6 and B.7. The status or progress for each of the measurable goals related to these BMPs is presented below.

B.2 Educational Volunteer, B.5 Volunteer Monitoring and B.6 Program Coordination

Measurable Goals: The Village will continue to work with potential participants to identify programs and activities for each school or group.

The Village utilizes contract employees to collect waste from parkways, roadside ditches, medians and other areas throughout the Village. These activities directly reduce the amount of pollutants entering the Village's storm sewer system.

B.7 Other Public Involvement

Measurable Goals: The Village will post the Citizens Report Form or similar method on the website and track reports by location and problem and will continue to address problems in a timely manner.

The Village website provides contact information for the Public Works Department that allows residents to report any suspect activity. The Village will work on a reporting method and/or form. The Village is also developing a digital work order system to allow for easier implementation and tracking of reported activities.

3. Illicit Discharge Detection and Elimination

The Village committed to perform some activities related to the Illicit Discharge Detection and Elimination minimum control under BMP numbers C.1, C.2, C.3, C.4 and C.5. The status or progress for each of the measurable goals related to these BMPs is presented below.

C.1 Storm Sewer Map Preparation

Measurable Goals: The Village will continue to update the storm sewer map based on new and redevelopment.

The storm sewer map data collection is complete and a GIS based map has been prepared. Updates and additions are made on an as needed basis due to development or other system changes.

C.2 Regulatory Control Program

Measurable Goals: The Village and MWRD will continue to enforce the illicit discharge detection and elimination procedures.

The Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) Sewage and Waste Control Ordinance prohibits the discharge of wastes of any kind to the waters of the state under the jurisdiction of the MWRD and the Village. The Village will work with the MWRD to enforce the Ordinance. The Village has engaged the services of a consultant to assist in all facets of the MWRD I&I requirements.

C.2 Regulatory Control Program, C.3 Detection/Elimination Prioritization Plan, C.4 Illicit Discharge Tracing Procedures and C.5 Illicit Source Removal Procedures

Measurable Goals: The Village will enforce guidelines for eliminating illicit discharges once they are reported and investigated.

The Village has developed procedures for investigating reports of illicit discharges and prepared forms to document these reports. The Village has implemented the new procedures and they were utilized during Year 17.

C.6 Program Evaluation and Assessment

Measurable Goals: *The Village will perform a yearly evaluation of its NPDES program and BMPs selected to for effectiveness in meeting the specified goals.*

The Village has performed program compliance monitoring and evaluation to determine the effectiveness of the overall program and the BMPs selected.

C.10 Other Illicit Discharge Controls

Measurable Goals: *The Village perform annual monitoring of the receiving waters upstream and downstream of all MS4 discharge points.*

The Village has performed monitoring of the receiving waters upstream and downstream of the MS4 discharges to determine the effectiveness of the program and the selected BMPs. Regular water quality testing is performed to establish a baseline of water quality. Data is available upon request.

4. Construction Site Runoff Control

The Village committed to performing activities and services related to the Construction Site Runoff Control minimum control measure under BMP numbers D.1, D.4 and D.6. The status or progress for each of the measurable goals related to these BMPs is presented below.

D.1 Regulatory Control Program, D.4 Site Plan Review Procedures and D.6 Site Inspection/Enforcement Procedures

Measurable Goal: *The Village will continue to enforce the procedures and guidelines.*

The Village has implemented the sediment and erosion control procedures for all projects in the Village.

5. Post-Construction Runoff Control

The Village committed to performing activities and services related to the Post-Construction Site Runoff Control minimum control measure under BMP numbers E.2 and E.4. The status or progress for each of the measurable goals related to these BMPs is presented below.

E.2 Regulatory Control Program

Measurable Goal: *The Village will continue to enforce the requirements.*

The Village has implemented the procedures that require post construction runoff controls for developments to reduce and/or prevent pollutants from entering the storm sewer system throughout the life of the project.

E.4 Pre-Construction Review of BMP Designs

Measurable Goal: *The Village will continue to review stormwater BMPs within site development plans.*

The Village has revised the site development plan review procedures to include the review of stormwater BMPs.

6. Pollution Prevention/Good Housekeeping

This minimum control measure involves the development and implementation of an operation and maintenance program to reduce the discharge of pollutants from municipal operations. This program must include a training program for municipal employees. The Village committed to perform activities for BMP numbers F.1, F.2 and F.3. The status or progress for each of the measurable goals related to these BMPs is presented below.

F.1 Employee Training Program, F.3 Municipal Operations Storm Water Control

Measurable Goals: *The Village will continue in-house training and modify procedures as necessary to curtail the discharge of pollutants to storm sewer systems by Village employees.*

The Village will continue in-house training and modify procedures as necessary to prevent the discharge of pollutants to the storm sewer system by Village employees. Village staff attends the training seminar titled, “Managing Snow and Ice Control Operations to Protect Water Quality.”

F.2 Inspection and Maintenance Program

Measurable Goals: *The Village will continue the inspection program.*

The Village has created inspection forms and will continue the storm system inspection program.

Part C. Information and Data Collection Results

(Provide information and water quality sampling/monitoring data related to illicit discharge detection and elimination collected during the reporting period.)

Sampling and testing information is available upon request.

Part D. Summary of Year 20 Stormwater Activities

(Present a summary of the storm water activities you plan to undertake during the next reporting cycle, including an implementation schedule in the sections following the table.)

The table shown below summarizes the BMPs committed to for the next NPDES permitting cycle. Specific BMPs and measurable goals for future development activities are presented in the sections following the table.

Note: X indicates BMPs committed to for Year 20

Year 20	
MS4	
A. Public Education and Outreach	
X	A.1 Distributed Paper Material
	A.2 Speaking Engagement
X	A.3 Public Service Announcement
	A.4 Community Event
	A.5 Classroom Education Material
X	A.6 Other Public Education
B. Public Participation/Involvement	
	B.1 Public Panel
X	B.2 Educational Volunteer
	B.3 Stakeholder Meeting
	B.4 Public Hearing
X	B.5 Volunteer Monitoring
X	B.6 Program Coordination
X	B.7 Other Public Involvement
C. Illicit Discharge Detection and Elimination	
X	C.1 Storm Sewer Map Preparation
X	C.2 Regulatory Control Program
X	C.3 Detection/Elimination Prioritization Plan
X	C.4 Illicit Discharge Tracing Procedures
X	C.5 Illicit Source Removal Procedures
X	C.6 Program Evaluation and Assessment
	C.7 Visual Dry Weather Screening
	C.8 Pollutant Field Testing
	C.9 Public Notification
X	C.10 Other Illicit Discharge Controls

Year 20	
MS4	
D. Construction Site Runoff Control	
X	D.1 Regulatory Control Program
X	D.2 Erosion and Sediment Control BMPs
	D.3 Other Waste Control Program
X	D.4 Site Plan Review Procedures
	D.5 Public Information Handling Procedures
X	D.6 Site Inspection/Enforcement Procedures
	D.7 Other Construction Site Runoff Controls
E. Post-Construction Runoff Control	
	E.1 Community Control Strategy
X	E.2 Regulatory Control Program
	E.3 Long Term O&M Procedures
X	E.4 Pre-Const Review of BMP Designs
	E.5 Site Inspections During Construction
	E.6 Post-Construction Inspections
	E.7 Other Post-Const Runoff Controls
F. Pollution Prevention/Good Housekeeping	
X	F.1 Employee Training Program
X	F.2 Inspection and Maintenance Program
X	F.3 Municipal Operations Storm Water Control
	F.4 Municipal Operations Waste Disposal
	F.5 Flood Management/Assess Guidelines
	F.6 Other Municipal Operations Controls

1. Public Education and Outreach

The Village is committing to conduct Public Education and Outreach as part of its permit. Public Education and Outreach requires implementation of a program to distribute educational material to the community or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants to stormwater runoff. The Village commits to implementation of BMPs related to A.1, A.3, and A.6 as described below.

A.1 Distributed Paper Material

The Village will continue to make informational brochures available to the public to increase awareness of impacts of stormwater discharges on water bodies and steps the public can take to reduce pollutants in stormwater runoff.

Measurable Goals: The Village will continue to make the informational material and brochures available at the Public Works Department and Village Hall.

A.3 Public Service Announcement

The Village will continue to include a stormwater and/or water quality related article once a year in the Village's newsletter.

Measurable Goals: The Village will continue to include a stormwater and/or water quality related article once a year in the Village's newsletter.

A.6 Other Public Education

The Village will create a website link on the Village website to the public to increase awareness of impacts of stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff. The Village will also post their NOI on the Village website.

Measurable Goals: The Village will monitor and update the website links as new information becomes available.

2. Public Participation/Involvement

The Village will perform activities and services related to the Public Participation/Involvement minimum control measure. BMPs will be implemented under BMP numbers B.2, B.5, B.6 and B.7 as described below.

B.2 Educational Volunteer, B.5 Volunteer Monitoring and B.6 Program Coordination

The village will continue to provide organization, supplies and/or training to local schools, businesses or civic groups for water quality and stream enhancement activities.

Measurable Goals: The Village will continue to work with potential participants to identify programs and activities for each school or group.

B.7 Other Public Involvement

The Village will create a Citizens Report Form or similar method on the Public Works Department website that includes reporting illicit discharges to the storm sewer system and maintenance problems associated with ponds, streams, or outfalls.

Measurable Goals: The Village will post the Citizens Report Form or similar method on the website and track reports by location and problem and will continue to address problems in a timely manner.

3. Illicit Discharge Detection and Elimination

The Village commits to performing some activities related to the Illicit Discharge Detection and Elimination

minimum control. BMPs will be implemented under BMP numbers C.1, C.2, C.3, C.4 and C.5 as described below.

C.1 Storm Sewer Map Preparation

The Village will prepare a storm sewer map of the entire Village including the location of all outfalls and the names of all receiving streams.

Measurable Goals: *The Village will continue to update the storm sewer map based on new and redevelopment.*

C.2 Regulatory Control Program

The Village will develop procedures to prohibit non-stormwater discharges to any storm sewer within the Village or under the jurisdiction of the Village.

Measurable Goals: *The Village and MWRD will continue to enforce the illicit discharge detection and elimination procedures.*

C.2 Regulatory Control Program, C.3 Detection/Elimination Prioritization Plan, C.4 Illicit Discharge Tracing Procedures, and C.5 Illicit Source Removal Procedures

The Village will put in place procedures for handling the report of a possible illicit discharge to storm sewer systems. The Village will develop a procedure for tracking reports of illicit discharges and the enforcement guidelines in proposed Ordinance will be reviewed to facilitate the elimination of illicit discharges once they are discovered, tracked and investigated.

Measurable Goals: *The Village will enforce guidelines for eliminating illicit discharges once they are reported and investigated.*

C.6 Program Evaluation and Assessment

The Village will perform yearly program compliance monitoring and evaluation to determine the effectiveness of the overall program and the BMPs selected.

Measurable Goals: *The Village will perform a yearly evaluation of its NPDES program and BMPs selected to for effectiveness in meeting the specified goals.*

C.10 Other Illicit Discharge Controls

The Village will perform annual monitoring and testing of the receiving waters upstream and downstream of the MS4 discharges.

Measurable Goals: *The Village perform annual monitoring of the receiving waters upstream and downstream of all MS4 discharge points.*

4. Construction Site Runoff Control

The Village will perform activities and services related to the Construction Site Runoff Control minimum control measure. BMPs will be implemented under BMP numbers D.1, D.2, D.4 and D.6 as described below.

D.1 Regulatory Control Program, D.2 Erosion and Sediment Control BMPs, D.4 Site Plan Review Procedures and D.6 Site Inspection/Enforcement Procedures

The Village has procedures that require the review of site development plans and the associated erosion and sediment BMPs. The Village also requires the inspection of the site once the BMPs have been constructed and has enforcement guidelines for compliance.

Measurable Goal: *The Village will continue to enforce the procedures and guidelines.*

5. Post-Construction Runoff Control

The Village will perform activities and services related to the Post-Construction Site Runoff Control minimum control measure. BMPs will be implemented under BMP numbers E.2 and E.4 as described below.

E.2 Regulatory Control Program

The Village requires that the site design for development projects that disturb greater than one acre must have in place controls that would protect water quality and reduce the discharge of pollutants for the life of the development project. The goal of this BMP will be to address stormwater runoff from new development and redevelopment projects that disturb greater than or equal to one acre.

Measurable Goals: The Village will continue to enforce the requirements.

E.4 Pre-Construction Review of BMP Designs

The Village will continue the site development plan review procedures that specifically include review of structural and nonstructural stormwater BMPs.

Measurable Goals: The Village will continue to review stormwater BMPs within site development plans.

6. Pollution Prevention/Good Housekeeping

This minimum control measure involves the development and implementation of an operation and maintenance program to reduce the discharge of pollutants from municipal operations. This program must include a training program for municipal employees. The Village will perform BMPs under BMP numbers F.1, F.2 and F.3 as described below.

F.1 Employee Training Program and F.3 Municipal Operations Storm Water Control

The Village will hand out literature and/or provide in-house presentations that provide guidance and procedures for employees to reduce or eliminate the discharge of pollutants from Village owned facilities to the storm sewer system. The goal of this BMP will be to educate Village employees of current practices that contribute to stormwater pollution and/or to develop new procedures and make revisions to existing procedures that will curtail the discharge of pollutants to storm sewer systems by Village employees.

Measurable Goals: The Village will continue in-house training and modify procedures as necessary to curtail the discharge of pollutants to storm sewer systems by Village employees.

F.2 Inspection and Maintenance Program

The Village Public Works Department will revise the Public Works procedures to require routine inspections of ponds, stream channels and storm sewer outfalls by Public Works staff. Non-routine inspection visits should be required to address comments from residents and the Fire Department Hazardous Materials Unit reports. Inspection forms will be used for each inspection and a procedure will be developed for tracking inspections.

Measurable Goals: The Village will continue the inspection program.

Part E. Notice of Qualifying Local Program

The Village of Orland Park Comprehensive Plan (Plan), Land Development Code (Code), Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) Ordinances and Village of Orland Park Public Works Department projects are considered Qualifying Local Programs (QLPs) that count towards satisfying the requirements of the six minimum control measures. Listed below is a summary of the activities performed by the QLPs during Year 19. In general, all activities performed by the QLPs during Year 19 will be continued in subsequent years.

1. Public Education and Outreach:

The Village does not currently have a qualifying local program for public education and outreach.

2. Public Participation/Involvement:

The Village hosted a Public Works Open House in 2002 to provide residents with information regarding the services that the Public Works Department provides. The Public Works Department will continue to host these events.

3. Illicit Discharge Detection and Elimination:

The Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) Sewage and Waste Control Ordinance prohibits the discharge of wastes of any kind to the waters of the state under the jurisdiction of the MWRD. This program relates to BMP C.2.

4. Construction Site Runoff Control:

The Village soil erosion and sediment control program in the Ordinance covers permit requirements, site design requirements and inspections for all sites greater than or equal to one acre. This program relates to BMP numbers D.1, D.4 and D.6.

5. Post-Construction Runoff Control:

The Village of Orland Park has included a Stormwater Management section in its Comprehensive Plan that is designed to protect public health, safety, general welfare and property by managing stormwater flows through natural and man-made mechanisms based on best available engineering and environmental practices. The Ordinance provides permit and design requirements for stormwater detention facilities, inspections of stormwater facilities during and after construction and long-term maintenance requirements for property owners. The Ordinance also provides for the protection, preservation, proper maintenance and use of public and private watercourses, lakes and ponds. The Ordinance also provides for the preservation and protection of wetlands. This relates to BMP numbers E.2, E.3, E.5 and E.6.

6. Pollution Prevention/Good Housekeeping:

The Public Works Department won the 2002 Excellence in Salt Storage Award, which is given by the National Salt Institute for efficient and effective operations in the areas of salt storage, safety, housekeeping and environmental protection.

