

**ORLAND TOWNSHIP**  
**IEPA ANNUAL FACILITY INSPECTION REPORT**  
**NPDES MS4**

March 2019 to March 2020

Prepared By:



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MEI Project No. 20-TP-0020



# 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, 2019 To March, 2020

Permit No. ILR40

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

Name: Orland Township Mailing Address 1: 16125 Wolf Rd.

Mailing Address 2: \_\_\_\_\_ County: Cook

City: Orland Park State: IL Zip: 60462 Telephone: \_\_\_\_\_

Contact Person: Brian Younker Email Address: byounker@orlandtownship.org  
(Person responsible for Annual Report)

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

Orland Township Highway Department

#### THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- |  |                          |   |                          |
|--|--------------------------|---|--------------------------|
| 1. Public Education and Outreach             | <input type="checkbox"/> | 4. Construction Site Runoff Control       | <input type="checkbox"/> |
| 2. Public Participation/Involvement          | <input type="checkbox"/> | 5. Post-Construction Runoff Control       | <input type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input type="checkbox"/> |

B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

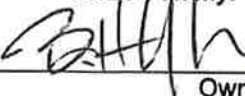
C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

D. Attach a summary of the storm water activities you plan to undertake during the next reporting cycle ( including an implementation schedule.)

E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

F. Attach a list of construction projects that your entity has paid for during the reporting period.

**Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))**

  
Owner Signature:

Brian H. Younker  
Printed Name:

12-30-20  
Date:

Highway Commissioner  
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

A. No Changes

B. Status of 6 Minimal Controls  
Orland Township NPDES

1. Public Education and Outreach

The Township Highway Department provides quarterly Focus newspaper mailed to residents highlighting illegal dumping, stormwater discharge into public right of way, and pet waste management.

2. Public Participation/Involvement

The Township partners with MWRD to plant trees throughout the township, promotes a biosolid compost program for township parks and makes rain barrels available to the public.

3. Illicit Discharge Detection and Elimination

The Township reports any observed illicit discharge locations to the County for further action. The Township website provides information for residents to report violations.

4. Construction Site Runoff Control

The County issues permits and monitors construction that takes place outside of the public right-of-way. The Township issues permits to install driveways and culverts within the public right-of-way and requires erosion control measures to be included in that work.

5. Post-Construction Runoff Control

The County performs post-construction inspections for all work completed outside of the public right-of-way. The Township performs post-construction inspections for work completed within the public right-of-way. Information is provided to the public to report any violations and that information is provided to the County for further action.

6. Pollution Prevention/Good Housekeeping

Orland Township Highway Department performs regular maintenance and cleaning on storm sewers and culverts within the right-of-way in the Township.

C. Results of collected and analyzed information can be obtained at the Orland Township Highway Department Office; located at 16125 Wolf Rd., Orland Park 60462.

- D. Storm sewer jetting and vacuum, creek cleaning, re-build storm sewer structures; on-going televising to determine areas of potential problems in storm sewer.
- E. Cook County is responsible for the maintenance of all detention ponds and construction outside of the right-of-way within Orland Township.
- F. The Township has paid for ditch restoration, culvert installation and replacement, roadway resurfacing, curb replacements and storm sewer cleaning.



# Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

## Notice of Intent for New or Renewal of General Permit for Discharges from Small Municipal Separate Storm Sewer Systems (MS4's)

### Part I. Municipal (MS4) Contact Information

1. Name of Municipality: Orland Township MS4 #: ILR40  
 Population (based on 2010 census): \_\_\_\_\_
2. MS4 Mailing Address: 16125 Wolf Rd. City: Orland Park, IL Zip: 60462
3. Primary MS4 Contact Person (Authorized Representative for MS4 Permit)  
 Name: Brian Younker Title: Highway Commissioner  
 Phone: 708-403-4222 Email Address: byounker@orlandtownship.org

### General Information

4. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:  
 Latitude: 41 35 44 Longitude: 87 53 20  
 Degrees Minutes Seconds Degrees Minutes Seconds
5. Community Type: Township Other: \_\_\_\_\_
6. Name(s) of governmental entity(ies) in which MS4 is located:
- | City/Village | Township        | County |
|--------------|-----------------|--------|
|              | Orland Township | Cook   |
7. Area of land within your MS4 in square miles: 36.74
8. Percent of MS4 served by combined sewer: \_\_\_\_\_ Percent of MS4 served by separate sewer: 100

### Impaired Waters

The most recent 303(d) list may be found at <https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdl/Pages/303d-list.aspx>. Information regarding TMDLs may be found at <https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdl/Pages/default.aspx>.

Name(s) of known receiving waters (in and within 3 miles of MS4 area)	Impairment listed on 303d List or TMDL?
Marley Creek	<input type="radio"/> Yes <input checked="" type="radio"/> No
Spring Creek	<input checked="" type="radio"/> Yes <input type="radio"/> No
Tinley Creek	<input checked="" type="radio"/> Yes <input type="radio"/> No
Midlothian Creek	<input type="radio"/> Yes <input checked="" type="radio"/> No

9a. If impaired, which potential causes and source?

Causes: Oxygen, Dissolved, Phosphorus, Sediment/silt Source: IEPA Website

9b. Are the receiving waterbodies included in an approved TMDL or alternate water quality management plan?  Yes  No

9c. Is the MS4 community included in the chloride variance?  Yes  No

## Program Responsibility

### 10. Shared Responsibility

Is your MS4 responsible for any permit requirements of another MS4 community?  Yes  No

Does your MS4 Community rely on another MS4 to satisfy any of the permit requirements?  Yes  No

### 11. Co-Permittee

Is your MS4 Community a Co-Permittee with another MS4 Community?  Yes  No

### 12. Other contacts responsible for implementation or coordination of Stormwater Management Program

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Area of Responsibility: \_\_\_\_\_

Part II. Best Management Practices (include shared responsibilities) which have been implemented or are proposed to be implemented in the MS4 area

**A. Public Education and Outreach**

Approximate date first implemented: \_\_\_\_\_ Frequency of each BMP program: \_\_\_\_\_

**Qualifying Local Programs**

A link is provided on the Township website which provides information on the Stormwater Management Plan and other topics related to storm water quality.

Measurable Goals (include shared responsibilities)

A.1 Distributed Paper Material

**Brief Description of BMP**

Information regarding stormwater quality is periodically included in the Township newsletter

**Measurable Goals, including frequencies**

add information about green construction and climate change to the information that the Township has available. Review and make any necessary updates annually.

**Milestones**

Year 1: Compile information about green construction and climate change to be posted on the website and future pamphlets

Year 2: Review the published material for any updates, update the material as necessary.

Year 3: Review the published material for any updates, update the material as necessary.

Year 4: Review the published material for any updates, update the material as necessary.

Year 5: Review the published material for any updates, update the material as necessary.

**Additional Info**

BMP Number: \_\_\_\_\_

A.2 Speaking Engagement

A.3 Public Service Announcement

A.4 Community Event

A.5 Classroom Education Material

A.6 Other Public Education

**B. Public Participation/Involvement**

Approximate date first implemented: \_\_\_\_\_ Frequency of each BMP program: \_\_\_\_\_

**Qualifying Local Programs**

The Township hosts meetings that the public is able to attend.

Measurable Goals (include shared responsibilities)

B.2 Educational Volunteer

B.3 Stakeholder Meeting

B.4 Public Hearing

**Brief Description of BMP**

Public meetings are held by the township. The public is welcome to attend these meetings to bring up any concerns.

**Measurable Goals, including frequencies**

provide additional information regarding the meetings and topics to be covered.

**Milestones**

Year 1: Develop a schedule for public meetings regarding storm sewer.

Year 2:

Year 3:

Year 4:

Year 5:

**Additional Info**

BMP Number: \_\_\_\_\_

B.5 Volunteer Monitoring

B.6. Program Involvement

B.7 Other Public Involvement

**C. Illicit Discharge Detection and Elimination**

Approximate date first implemented: \_\_\_\_\_ Frequency of each BMP program: \_\_\_\_\_

**Qualifying Local Programs**

Storm sewer atlas  
Illicit discharge reporting procedure

C.1 Sewer Map Preparation

**Brief Description of BMP**

The Township has developed a storm sewer atlas.

**Measurable Goals, including frequencies**

Update the storm sewer atlas to identify key discharge points, update the map to reflect any changes that have occurred.

**Milestones**

Year 1: Gather field information to update the atlas.

Year 2: Update the storm sewer atlas to reflect any changes.

Year 3: Update the storm sewer atlas to reflect any changes.



Measurable Goals (include shared responsibilities)

Year 4: Update the storm sewer atlas to reflect any changes.

Year 5: Update the storm sewer atlas to reflect any changes.

Additional Info

BMP Number: \_\_\_\_\_

[Empty text box for additional information]

- C.2 Regulatory Control Program
- C.3 Detection/Elimination Prioritization Plan
- C.4 Illicit Discharge Tracing Procedures

Brief Description of BMP

The Township reports any observed illicit discharge locations to the County for further action. The Township issues citations for septic violations and other types of violations reported directly.

Measurable Goals, including frequencies

Increase inspections for illicit discharges. Provide a way for the public to report any suspected illicit discharges.

Milestones

Year 1: Increase inspections, provide a way for public to report.

Year 2: Increase inspections

Year 3: Increase inspections

Year 4: Increase inspections

Year 5: Increase inspections

Additional Info

BMP Number: \_\_\_\_\_

[Empty text box for additional information]

- 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

**D. Construction Site Runoff Control**

Approximate date first implemented: \_\_\_\_\_ Frequency of each BMP program: \_\_\_\_\_

Qualifying Local Programs

The County issues permits and monitors construction that takes place outside of the public right-of-way. The Township issues permits to install driveways and culverts within the public right-of-way and requires erosion control measures to be included in that work.

Measurable Goals (include shared responsibilities)

D.1 Regulatory Control Program

Brief Description of BMP

The Township issues permits to install driveways and culverts within the public right-of-way and requires erosion control measures to be included in that work.

Measurable Goals, including frequencies

Increase inspection frequency

Milestones

Year 1: Continue inspection of ROW for runoff control

Year 2: Continue inspection of ROW for runoff control

Year 3: Continue inspection of ROW for runoff control

Year 4: Continue inspection of ROW for runoff control

Year 5: Continue inspection of ROW for runoff control

Additional Info

BMP Number: \_\_\_\_\_

\_\_\_\_\_

D.2 Erosion and Sediment Control BMPs

Brief Description of BMP

Erosion control is required for all work that occurs within the public right-of-way.

Measurable Goals, including frequencies

Review plans for erosion and sediment control, increase frequency of inspections

Milestones

Year 1: Continue inspection of ROW for erosion control

Year 2: Continue inspection of ROW for erosion control

Year 3: Continue inspection of ROW for erosion control

Year 4: Continue inspection of ROW for erosion control

Year 5: Continue inspection of ROW for erosion control

Additional Info

BMP Number: \_\_\_\_\_

D.3 Other Waste Control Program

D.4 Site Plan Review Procedures

**Brief Description of BMP**

The Township issues permits for driveway and culvert installation within the public right-of-way.

**Measurable Goals, including frequencies**

Review plans for compliance with erosion and sediment control in the public right-of-way

**Milestones**

Year 1: 

Review plans

Year 2: 

Review plans

Year 3: 

Review plans

Year 4: 

Review plans

Year 5: 

Review plans

**Additional Info**

BMP Number: \_\_\_\_\_

D.5 Public Information Handling Procedures

D.6 Site Inspection/Enforcement Procedures

D.7 Other Construction Site Runoff Controls

**E. Post-Construction Runoff Control**

Approximate date first implemented: \_\_\_\_\_ Frequency of each BMP program: \_\_\_\_\_

**Qualifying Local Programs**

The Township performs post-construction inspections for work completed within the public right-of-way. Information to report any violations is provided on the website.

**Measurable Goals (include shared responsibilities)**

E.1 Community Control Strategy

E.2 Regulatory Control Program

E.3 Long Term O & M Procedures

E.4 Pre-Construction Review of BMP Designs

**Brief Description of BMP**

Plans are reviewed for work within the public right-of-way

Measurable Goals, including frequencies

Review plans for erosion and sediment control.

Milestones

Year 1: Review plans

Year 2: Review plans

Year 3: Review plans

Year 4: Review plans

Year 5: Review plans

Additional Info

BMP Number: \_\_\_\_\_

[Empty text box for additional information]

E.5 Site Inspections During Construction

Brief Description of BMP

The Township performs site inspections for work completed within the public right-of-way.

Measurable Goals, including frequencies

Increase frequency of sites during construction.

Milestones

Year 1: Inspect erosion control

Year 2: Inspect erosion control

Year 3: Inspect erosion control

Year 4: Inspect erosion control

Year 5: Inspect erosion control

Additional Info

BMP Number: \_\_\_\_\_

[Empty text box for additional information]

E.6 Post-Construction Inspections

Brief Description of BMP

The Township performs post-construction inspections for work completed within the public right-of-way.

Measurable Goals, including frequencies

Inspect public right-of-way for final restoration

\_\_\_\_\_

Milestones

Year 1: Inspect public right-of-way

Year 2: Inspect public right-of-way

Year 3: Inspect public right-of-way

Year 4: Inspect public right-of-way

Year 5: Inspect public right-of-way

Additional Info

BMP Number: \_\_\_\_\_

\_\_\_\_\_

E.7 Other Post-Construction Runoff Controls

**F. Pollution Prevention/Good Housekeeping**

Approximate date first implemented: \_\_\_\_\_ Frequency of each BMP program: \_\_\_\_\_

Qualifying Local Programs

The Township performs regular maintenance of the storm sewers and storm water detention facilities within the public right-of-way. A pet waste ordinance is in place and enforced.

Measurable Goals (include shared responsibilities)

F.1 Employee Training Program

F.2 Inspection and Maintenance Program

F.3 Municipal Operations Storm Water Control

Brief Description of BMP

Maintenance of storm sewer and detention facilities

Measurable Goals, including frequencies

\_\_\_\_\_

Milestones

Year 1: \_\_\_\_\_

Year 2: \_\_\_\_\_

Year 3: \_\_\_\_\_

Year 4: \_\_\_\_\_

Year 5: \_\_\_\_\_

Additional Info

BMP Number: \_\_\_\_\_

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- F.4 Municipal Operations Waste Disposal
- F.5 Flood Management/Assess Guidelines
- F.6 Other Municipal Operations Controls

**BMPs Currently Implemented and Proposed**

BMP Number	Location

**Approximate Pollutant Reduction Resulting from each BMP**

BMP Number	Pollutant	Reduction

**Instream Monitoring Program**

Is there an instream monitoring program currently in place?     Yes     No

Is an instream monitoring program currently being proposed?     Yes     No

**Sediment Monitoring**

Is sediment monitoring currently taking place?     Yes     No

**Sample Monitoring of Outfalls**

Is sample monitoring of outfalls currently taking place?     Yes     No

**Other Monitoring**

Describe other types of monitoring implemented or proposed to evaluate the BMP effectiveness or water quality impact of stormwater.

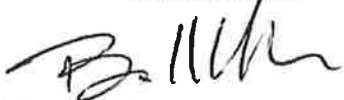
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**Part III. Certification**

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fines and imprisonment.*

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)).

Brian Younker  
\_\_\_\_\_  
Authorized Representative Name

  
\_\_\_\_\_  
Authorized Representative Signature

Highway Commissioner  
\_\_\_\_\_  
Title

  
\_\_\_\_\_  
Date

You may complete this form online and save a copy locally before printing and signing the form. It should then be sent to:

Illinois Environmental Protection Agency  
Bureau of Water  
Division of Water Pollution Control  
Attn: Permit Section  
P.O. Box 19276  
1021 North Grand Avenue East  
Springfield, IL 62794-9276

Information required by this form must be provided to comply with 415 ILCS 5/39 (2000). Failure to do so may prevent this form from being processed and could result in your application being denied.