



**DANIEL CREANEY COMPANY**  
CIVIL ENGINEERING CONSULTANTS

March 30, 2017

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, DWPC  
1021 N. Grand Avenue East  
P.O. Box 19276  
Springfield, Illinois 67294-9276

**ATTN: COMPLIANCE ASSURANCE SECTION**

RE: NORTHFIELD TOWNSHIP  
ANNUAL FACILITY INSPECTION REPORT – NPDES  
PERMIT FOR STORM WATER DISCHARGES FROM MS4  
PROJECT NO. 5066

Enclosed please find a completed Annual Inspection Report in compliance with the NPDES Phase II permitting requirements. The Inspection Report has been prepared after review of the Townships stormwater management program designed to reduce the discharge of pollutants to the maximum extent practicable (MEP).

Northfield Township has a population of 14,900 residents in unincorporated areas. Northfield Township Road District maintains only those areas in Northfield Township that are unincorporated areas of the Village of Glenview, the Village of Northbrook and the Village Northfield, not the entire Township. The Township Road District only maintains approximately (21) twenty-one center miles of roadway. The remainder of the Northfield Township roadway, storm ditches, and storm sewer are maintained by the Illinois Department of Transportation, Cook County, Village of Glenview, Village of Northbrook, Village of Northfield, and private homeowner maintained roadways. Northfield Township follows the Cook County Watershed Ordinance and Practices; and the Metropolitan Water Reclamation District requirements.

The Township also belongs to the Lower Des Plains watershed and the Northbrook Chicago Watershed. All building and grading projects must be reviewed and approved by the Cook County Building and Zoning Department.

Sincerely,  
DANIEL CREANEY COMPANY

Mark E. Toll  
Project Engineer

Encl.

cc: Mr. Peter Amarantos, Northfield Township Road Commissioner

*Celebrating 38 Years of Service*

450 Skokie Boulevard, Suite 105  
847-480-5757

• Northbrook, IL 60062-7909  
• FAX: 847-480-7209



# DANIEL CREANEY COMPANY

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## NORTHFIELD TOWNSHIP ANNUAL FACILITY INSPECTION REPORT NPDES PERMIT FOR STORM WATER DISCHARGES FROM MS4 MARCH 2016-MARCH 2017

### A. NO CHANGES TO BEST MANAGEMENT PRACTICE

### B. STATUS OF COMPLIANCE AND ASSESSMENT

#### BMP No. A1 Resident Newsletter – Stormwater Articles

Stormwater articles are included in the Northfield Township Road District website and newsletter sent to residents every spring.

#### BMP No. A1 Stormwater Flyer

Northfield Township is researching stormwater issues to include in a take away flyer to be available at the Township Building.

#### BMP No. B4 Public Meeting

Northfield Township Road District holds a recycling program for the public six times a year. At the recycling program, staff is present to discuss stormwater issues and answer questions.

#### BMP No. B7 Public Reporting

The Township Road District annual newsletter contains a contact number for reporting stormwater related issues.

#### BMP No. C1 Stormwater Atlas

Township stormwater atlases are being developed. The Township has categorized four stormwater areas Glenbrook Countryside, Mission Hills/Citation Lake, Apple Valley, and Glenview Countryside. Of the four areas, stormwater atlases are complete for three areas, Glenbrook Countryside, Mission Hills/Citation Lake, Glenview Countryside.

#### BMP No. C7 Visual Dry Weather Screening Program

Township road crews visually inspect all ditches, detention basins and outfalls on an ongoing basis, specifically prior to, during, and following every rainfall. All ditches are cleared of debris and mowed by the Township road crew on 4-5 week schedule. All storm sewer is inspected by the Township Road crew on a 4-year cycle. Any storm sewer found to be blocked will be televised and cleaned.

#### BMP No. D2 Sediment and Erosion Control BMPs

The Township requires erosion and sediment control BMPs for projects within the Township ROW as required by Cook County.



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## **NORTHFIELD TOWNSHIP ANNUAL FACILITY INSPECTION REPORT NPDES PERMIT FOR STORM WATER DISCHARGES FROM MS4 MARCH 2016-MARCH 2017**

### BMP No. E3 Long Term O&M Procedures

The Township requires Long Term O&M procedures for stormwater facilities as required by Cook County.

### BMP No. F2 Inspection and Maintenance

The Township conducts a regular inspection and maintenance program designed to reduce pollutant runoff. In addition to the dry weather screening program, the Township provides street cleaning as necessary. This program is reviewed annually.

### BMP No. F3 Municipal Pollution Prevention Plan

The Township Road District has a storm sewer/culvert/ditch policy. In addition to the policy the Township practices proper disposal of hazardous material, judicious use of roadway salt, and appropriate use and storage of construction and landscape materials. The Township operational policies are designed to reduce pollutant runoff from Township operations. This program is reviewed annually.

#### C. NO MONITORING DATA FOR THE REPORTING PERIOD

#### D. STORM WATER ACTIVITIES PROPOSED FOR THE MARCH 2017- MARCH 2018 REPORTING CYCLE

### BMP No. A1 Resident Newsletter – Stormwater Articles

Stormwater articles will be included in the Northfield Township Road District Newsletter sent to residents in the spring.

### BMP No. A1 Stormwater Flyer

Northfield Township is researching stormwater issues to include in a take away flyer to be available at the Township Building. If the IEPA (or another agency) has produced readily available take away flyer information, and it is available to the Township, the Township will make the flyers available to the public at the Township offices.

### BMP No. B4 Public Meeting

Northfield Township Road District holds a recycling program for the public six times a year. At the recycling program, staff is present to discuss stormwater issues and answer questions.



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## **NORTHFIELD TOWNSHIP ANNUAL FACILITY INSPECTION REPORT NPDES PERMIT FOR STORM WATER DISCHARGES FROM MS4 MARCH 2017 - MARCH 2018**

### BMP No. B7 Public Reporting

The Township Road District annual newsletter contains a contact number for reporting stormwater related issues. The Newsletter will be sent in the spring.

### BMP No. C1 Stormwater Atlas

Apple Valley stormwater atlas field work is anticipated to begin.

### BMP No. C7 Visual Dry Weather Screening Program

Township road crews will visually inspect all ditches, detention basins and outfalls every rainfall. All ditches will be cleared of debris and mowed by the Township road crew on 4-5 week schedule. One quarter of the storm sewer will be inspected this year. Any storm sewer found to be blocked will be televised and cleaned.

### BMP No. D2 Sediment and Erosion Control BMPs

The Township requires erosion and sediment control BMPs for projects within the Township ROW as required by Cook County

### BMP No. E3 Long Term O&M Procedures

The Township requires Long Term O&M procedures for stormwater facilities as required by Cook County.

### BMP No. F2 Inspection and Maintenance

The Township conducts a regular inspection and maintenance program designed to reduce pollutant runoff. In addition to the dry weather screening program, the Township provides street cleaning as necessary.

The Township plans the following maintenance projects in the March 2017-March 2018 reporting period:

1. Storm sewer slipline.
2. Joint repairs in the parkway.
3. Manhole/catchbasin repairs
4. Point repairs to the storm sewer
5. Driveway culvert replacement
6. Manhole lid/frame replacement
7. Monthly ditchline/parkway cleaning and mowing.
8. Storm sewer televising
9. Storm sewer cleaning, root cutting, and water jetting.



**NORTHFIELD TOWNSHIP  
ANNUAL FACILITY INSPECTION REPORT  
NPDES PERMIT FOR STORM WATER DISCHARGES FROM MS4  
MARCH 2016-MARCH 2017**

BMP No. F3 Municipal Pollution Prevention Plan

The Township Road District has a storm sewer/culvert/ditch policy. In addition to the policy the Township practices proper disposal of hazardous material, judicious use of roadway salt, and appropriate use and storage of construction and landscape materials. The Township operational policies are designed to reduce pollutant runoff from township operations. This program is reviewed annually, and will be reviewed again in 2017.

- E. NORTHFIELD TOWNSHIP RELIES ON COOK COUNTY REQUIREMENTS FOR CONSTRUCTION SITE RUNOFF CONTROL. THE TOWNSHIP COORDINATES WITH THE COOK COUNTY HIGHWAY DEPARTMENT. MR. ROBERT MACK, DIVISION HEAD, DRAINAGE AND UTILITIES DIVISION
- F. CONSTRUCTION PROJECTS NORTHFIELD TOWNSHIP HAS PAID FOR DURING THE MARCH 2016 - MARCH 2017 REPORTING PERIOD
1. 10 manhole/catchbasin repairs
  2. 4 driveway culvert replacements
  3. 3 manhole lid/frame replacement
  4. 12 Monthly ditchline/parkway cleaning and mowing.
  5. 582 l.f. storm sewer televising
  6. 10,200 l.f. storm sewer cleaning, root cutting, and water jetting.

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# Illinois Environmental Protection Agency

Bureau of Water • 1021 North Grand Avenue East • 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, 2016 To March, 2017

Permit No. ILR40 0098

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

Name: NORTHFIELD TOWNSHIP

Mailing Address: 1928 LEHIGH AVENUE County: Cook

City: GLENVIEW State: IL Zip: 60025 Telephone: 847-724-7055

Contact Person: Peter Amarantos, Highway Commissioner Email Address: \_\_\_\_\_  
(Person responsible for Annual Report)

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

NORTHFIELD TOWNSHIP

#### 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.

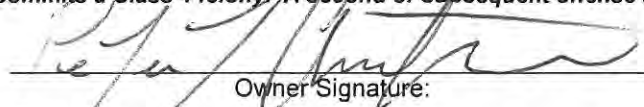
C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

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).

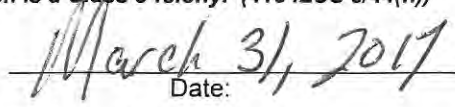
F. Attach a list of construction projects that your entity has paid for during the reporting period.

**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:

Peter Amarantos

Printed Name:

  
Date: March 31, 2017

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

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.