



# Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

## 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, 2017 To March, 2018

Permit No. ILR40 \_\_\_\_\_

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

Name: New Lenox Township Mailing Address 1: 12551 W. Harvey Drive

Mailing Address 2: \_\_\_\_\_ County: Will

City: New Lenox State: IL Zip: 60451 Telephone: 815-485-6484

Contact Person: Ron Sly Email Address: newlenox9@sbcglobal.net  
(Person responsible for Annual Report)

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

New Lenox Township

#### THE FOLLOWING ITEMS MUST BE ADDRESSED.

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

- |  |                          |   |                          |
|--|--------------------------|---|--------------------------|
| 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

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))**

[Signature]  
Owner Signature:

Ron Sly

Printed Name:

5/29/18  
Date:

Township Road Commissioner

Title:

#### EMAIL COMPLETED FORM TO:

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

IL 532 2585 WPC 691 Rev 6/10 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.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
ANNUAL FACILITY INSPECTION REPORT  
NPDES PERMIT FOR STORMWATER DISCHARGES  
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)

**NEW LENOX TOWNSHIP, ILLINOIS**

**2018 ANNUAL FACILITY INSPECTION REPORT  
MARCH 2017 TO MARCH 2018 REPORTING PERIOD**

**A. CHANGES TO BEST MANAGEMENT PRACTICES**

There are no changes to the Best Management Practices (BMPs) from the Township's Notice of Intent (NOI) for the reporting period of March 2017 to March 2018.

**B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS**

The Township committed to a number of stormwater BMPs in order to meet the requirements of the NPDES Phase II stormwater program. A Stormwater Management Plan has been developed and posted on the Township's website, along with the MS4 Permit Notice of Intent (NOI) and annual report.

The following is a status report on each of the BMPs and the activities that were performed during the March 2017 to March 2018 reporting period. The status or progress for each of the measurable goals related to these BMPs is presented below.

**BMP No. A.1 Distributed Paper Material**

**Brief Description of BMP:** Direct Township residents to stormwater quality education materials available at Will County Green. Inform Township residents of proper materials use and recycling opportunities via Township information media.

**BMP Status:** The Township's periodic newsletter provides information on environmental concerns, recycling programs, and County recycling, waste drop off and other events and resources.

**BMP No. A.3 Public Service Announcement**

**Brief Description of BMP:** Use Township media announcements to inform residents of County waste and recycling events annually.

**BMP Status:** The Township made residents aware of County waste and recycling events through its newsletter and information sources.

**BMP No. A.4** Community Event

**Brief Description of BMP:** Host recycling event for Township residents

**BMP Status:** Hosted the Township Wide Recycle Day. Collected used vehicle fluids, tires, batteries, electronics, and conventional recyclables from residents.

**BMP No. B.1** Public Panel

**Brief Description of BMP:** Provide opportunity for Township residents to learn about the MS4 program and provide input.

**BMP Status:** Hosted monthly Township Board meetings for public comment and input.

**BMP No. B5** Volunteer Monitoring

**Brief Description of BMP:** Participate in local watershed groups.

**BMP Status:** The Township is an active member of the Lower Des Plaines Watershed Group and takes part in the regional water quality planning and monitoring efforts of the group.

**BMP No. C.1** Storm Sewer Map Preparation

**Brief Description of BMP:** Map the roadway and drainage system. Map closed pipe infrastructure throughout the unincorporated areas of the Township.

**BMP Status:** The Township is beginning the process of collecting existing map information from the County and municipalities. Mapping the drainage systems will be a long term, ongoing process.

**BMP No. C.2** Regulatory Control Program

**Brief Description of BMP:** Follow the Will County Land Use ordinances for control of discharges.

**BMP Status:** The Township followed the Will County Land Use ordinances, and continues to coordinate with Will County Land Use and the Health Department to investigate and resolve issues as they arise.

**BMP No. C.7** Visual Dry Weather Screening

**Brief Description of BMP:** Screen drainage system outfalls for evidence of illicit discharges.

**BMP Status:** The Township spot checked outfalls for signs of illicit discharges as part of routine maintenance activities. More formal inventorying of outfalls and screening of high priority outfalls will occur in the following years.

**BMP No. C.8** Pollutant Field Testing

**Brief Description of BMP:** Pollutant testing for any illicit discharges detected.

**BMP Status:** The Township continues to coordinate with Will County Health Department and Will County EMS for testing when issues arise.

**BMP No. D.1** Regulatory Control Program

**Brief Description of BMP:** Inspection of construction sites and control of erosion, sedimentation, and pollutant discharges.

**BMP Status:** The Township follows the Will County Land Use ordinances for construction site control. Will County Land Use provides construction site inspections in unincorporated Township areas annually.

**BMP No. D.6** Site Inspection / Enforcement Procedures

**Brief Description of BMP:** Construction site control in unincorporated Township areas.

**BMP Status:** Will County Land Use provides construction site inspections in unincorporated Township areas annually.

**BMP No. E.1** Community Control Strategy

**Brief Description of BMP:** Will County Land Use ordinances provide requirements for post construction runoff control.

**BMP Status:** The Township follows the Will County Land Use ordinances for post construction runoff control.

**BMP No. E.2** Regulatory Control Program

**Brief Description of BMP:** Will County Land Use ordinances provide requirements for post construction runoff control.

**BMP Status:** The Township follows the Will County Land Use ordinances for post construction runoff control.

**BMP No. E.6** Post Construction Inspection

**Brief Description of BMP:** Control of post construction developed runoff.

**BMP Status:** The Township continues to coordinate with Will County Land Use if site development issues are noted post construction.

**BMP No. F.1** Employee Training Program

**Brief Description of BMP:** Provide MS4 program implementation and pollution prevention training to Township maintenance staff. Train staff to recognize illicit discharges.

**BMP Status:** Maintenance staff received training on proper salt storage and use at the Lower Des Plaines Watershed Group training seminar in 2017. Right of Way herbicide applicator pollution prevention training was provided to staff in 2017.

**BMP No. F.2** Inspection and Maintenance Program

**Brief Description of BMP:** Inspect roadway drainage system and other drainage areas for structural condition and proper functionality.

**BMP Status:** The Township performed routine inspection and maintenance of its drainage system. Roadway and driveway culverts were inspected, and cleaned as needed. Any drainage complaints were investigated and addressed.

**BMP No. F.3** Municipal Operations Stormwater Control

**Brief Description of BMP:** Minimize pollutant discharge from Township maintenance activities.

**BMP Status:** Stormwater BMPs were implemented at maintenance facilities and during maintenance activities. Bulk materials were managed and contained.

Deicing materials were stored in a permanent structure. Any temporary excess salt was tarped. Vehicle and equipment washing was performed in the designated wash area tributary to a triple basin.

**BMP No. F.4 Municipal Operations Waste Disposal**

**Brief Description of BMP:** Control and properly recycle or dispose of waste generated from maintenance activities.

**BMP Status:** Recycling and special waste handling services for Township generated maintenance wastes were used for used oil and vehicle fluids, paints, and waste cleaning products. Trash dumpster areas were kept free of debris.

**C. INFORMATION AND DATA COLLECTION RESULTS**

The Township is an active member of the Lower Des Plaines Watershed Group and takes part in the regional water quality planning and monitoring efforts of the group.

**D. SUMMARY OF NEXT REPORTING PERIOD STORMWATER ACTIVITIES**

The Township plans to undertake the following activities during the next reporting period:

**BMP No. A.1 Distributed Paper Material**

**Brief Description of BMP:** Direct Township residents to stormwater quality education materials available at Will County Green. Inform Township residents of materials use Township information media.

**Milestone:** Develop website links to Will County Green.

**BMP No. A.3 Public Service Announcement**

**Brief Description of BMP:** Use Township media announcements to inform residents of County waste and recycling events annually.

**Milestone:** Inform residents of waste and recycling events in the County.

**BMP No. A.4** Community Event

**Brief Description of BMP:** Host recycling event for Township residents

**Milestone:** Host the Township Wide Recycle Day

**BMP No. B.1** Public Panel

**Brief Description of BMP:** Provide opportunity for Township residents to learn about the MS4 program and provide input.

**Milestone:** Host Township Board meeting monthly.

**BMP No. B.5** Volunteer Monitoring

**Brief Description of BMP:** Participate in local watershed groups.

**Milestone:** Attend Lower Des Plaines Watershed Group meetings.

**BMP No. C.1** Storm Sewer Map Preparation

**Brief Description of BMP:** Map the roadway and drainage system. Map closed pipe infrastructure throughout the unincorporated areas of the Township.

**Milestone:** Map a portion of the drainage system. Improve overall system mapping.

**BMP No. C.2** Regulatory Control Program

**Brief Description of BMP:** Follow the Will County Land Use ordinances for control of discharges.

**Milestone:** Follow the Will County Land Use ordinances.

**BMP No. C.7** Visual Dry Weather Screening

**Brief Description of BMP:** Screen drainage system outfalls for evidence of illicit discharges.

**Milestone:** Develop list of high priority outfalls. Develop screening form. Screen and document findings at high priority outfalls.

**BMP No. C.8** Pollutant Field Testing

**Brief Description of BMP:** Pollutant testing for any illicit discharges detected.

**Milestone:** Coordinate with Will County Health Department as needed.

**BMP No. D.1** Regulatory Control Program

**Brief Description of BMP:** Inspection of construction sites and control of erosion, sedimentation, and pollutant discharges.

**Milestone:** Follow the Will County Land Use ordinances.

**BMP No. D.6** Site Inspection / Enforcement Procedures

**Brief Description of BMP:** Construction site control in unincorporated Township areas.

**Milestone:** Coordinate as needed with Will County Land Use construction site inspections.

**BMP No. E.1** Community Control Strategy

**Brief Description of BMP:** Will County Land Use ordinances provide requirements for post construction runoff control.

**Milestone:** Follow the Will County Land Use ordinances.

**BMP No. E.2** Regulatory Control Program

**Brief Description of BMP:** Will County Land Use ordinances provide requirements for post construction runoff control.

**Milestone:** Follow the Will County Land Use ordinances.

**BMP No. E.6** Post Construction Inspection

**Brief Description of BMP:** Control of post construction developed runoff.



**Milestone:** Coordinate as needed with Will County Land Use to address issues.

**BMP No. F.1** Employee Training Program

**Brief Description of BMP:** Provide MS4 program implementation and pollution prevention training to Township maintenance staff. Train staff to recognize illicit discharges.

**Milestone:** Attend roadway deicing seminar, pesticide usage training, watershed group meeting, or other event that provides training.

**BMP No. F.2** Inspection and Maintenance Program

**Brief Description of BMP:** Inspect roadway drainage system and other drainage areas for structural condition and proper functionality.

**Milestone:** Remove accumulated sediment and debris blockages. Repair structural deficiencies. Clear accumulated trash and debris.

**BMP No. F.3** Municipal Operations Stormwater Control

**Brief Description of BMP:** Minimize pollutant discharge from Township maintenance activities.

**Milestone:** Implement BMPs at facilities and field maintenance work areas. Regularly sweep material storage areas.

**BMP No. F.4** Municipal Operations Waste Disposal

**Brief Description of BMP:** Control and properly recycle or dispose of waste generated from maintenance activities.

**Milestone:** Use recycling and special waste handling services for Township generated maintenance wastes, such as used oil and vehicle fluids, paints, and waste cleaning products. Keep trash dumpster swept.

**E. NOTICE OF RELIANCE ON ANOTHER GOVERNMENT ENTITY**

The Township relies on Will County for the following program elements:

- ) Public education and outreach materials and recycling and special waste events offered via Will County Green programs.
- ) Construction and post construction site inspections and enforcement.
- ) Illicit discharge sampling and resolution.

**F. CONSTRUCTION PROJECT CONDUCTED DURING REPORTING PERIOD**

<u>Project Name/Location</u>	<u>Project Description</u>	<u>Start/End Dates</u>
None.		

**Lower DesPlaines Watershed Group ILR40 Activities  
March 2017 – February 2018**

**PART I. COVERAGE UNDER GENERAL PERMITS ILR40**

Not applicable to the work of the LDWG.

**PART II. NOTICE OF INTENT (NOI) REQUIREMENTS**

Not applicable to the work of the LDWG.

**PART III. SPECIAL CONDITIONS**

Not applicable to the work of the LDWG.

**PART IV. STORM WATER MANAGEMENT PROGRAMS**

**A. Requirements**

Not applicable to the work of the LDWG.

**B. Minimum Control Measure**

*1. Public Education and Outreach on Stormwater Impacts*

LDWG outreach activities for the year ending 2017 included:

- The LDWG website was maintained during the reporting period and periodically updated (<http://www.lowerdesplaineswatershed.org>).
- Hosted a table representing LDWG at the Bluestem Earth Festival in Joliet on May 20, 2017

*2. Public Involvement and Participation – no activities*

*3. Illicit Discharge Detection and Elimination – no activities*

*4. Construction Site Storm Water Runoff Control - no activities*

*5. Post-Construction Stormwater Management in New Development and Redevelopment - no activities*

*6. Pollution Prevention/Good Housekeeping for Municipal Operations*

*Chloride Reduction Workshops*


Two chloride reduction workshops were held during the reporting period ending March 2018.

The **public roads deicing workshop** held at Village of New Lenox Public Works Facility on October 11, 2017 with the following agenda:

- 7:30 – 8:00 Registration and Breakfast
- 8:00 – 8:05 Welcome/ Housekeeping  
Sean Vandenberg, Village of New Lenox
- 8:05 – 8:30 Watershed Activities/ Outreach/  
Environmental Impacts  
Jennifer Hammer, TCF
- 8:30 – 8:45 Time Limited Water Quality Standard  
Jennifer Wasik, MWRD
- 8:45-9:00 MS4 Requirements and Recordkeeping  
John Kawka, MEI
- 9:00 – 9:10 BREAK (Includes Exhibitor Mic Time)
- 9:10 –9:55 Maximizing the Efficiency of Your  
Winter Maintenance Program  
Wilf Nixon, Salt Institute
- 9:55 – 10:40 Incorporating Automated Systems  
Dave Kjederquist, Swenson
- 10:40-10:50 BREAK (Includes Exhibitor Mic Time)
- 10:50-11:20 Choosing the Right Blades  
Gardi Willis, Kueper North America
- 11:20-11:55 Temperature Sensors  
Mark DeVries, Vaisala
- 11:55-12:25 Shared Services  
Todd Hoppenstedt, Village of Montgomery
- 12:25-12:30 Closing Remarks/ Thank Yous/ Evaluations

**2017 Public Roads  
Deicing Workshop Registration**  
Attendance helps satisfy MS4 requirements!

**Less Salt. Less Money. Same Level of Safety!**




Registration is required and nonrefundable. Up to 4 PDHs available.

Wednesday, October 11, 2017  
7:30 AM—12:30 PM  
Hosted by:  
Village of New Lenox  
Public Works Department  
2401 Ellis Rd.






**Call for  
Sponsorship  
Information!**

**\$150.00 Exhibitor  
Package Includes:**

- 2 attendees (includes breakfast)
- Table with 2 chairs for table display
- Space to display equipment
- Day-of logo placement at workshop (welcome slide, agenda and survey)
- 60 seconds of mic time

  
NEW LENOX

*Brought to you by:*

 Lower DuPage River Watershed Coalition
 Lower DesPlaines Watershed Group
 Will County Illinois



Attendance – 87 registered, 10 presenters/staff, 3 sponsors/exhibitors = 100 total. All participants received a certificate of attendance.

The **parking lots and sidewalks deicing workshop** was held at New Lenox Public Works Facility on October 4, 2017 with the following agenda:

- Ambient conditions and regulatory update:  
Jennifer Hammer, The Conservation Foundation/LDWG/LDRWC
- Information on developing efficient and cost-effective snow fighting operations, appropriate product selection, equipment selection, application rates, equipment calibration, ambient conditions monitoring. Presenters: Connie Fortin, Fortin Consulting and Chis Walsh, (former Public Works Director with City of Beloit, WI)
- Test on workshop materials.

Attendance - 21 registrations, 4 presenters/staff, 2 exhibitors/staff = 27 total. All participants received a training certificate.

**2017 Parking Lot & Sidewalk Deicing Workshop Registration**  
Attendance helps satisfy MS4 reporting requirements!



Registration is required and nonrefundable.  
Training Certificates Provided, 4 PDH's available.

Wednesday, October 4, 2017  
7:30 AM—12:30 PM  
Hosted by:  
Village of New Lenox  
Public Works Department  
2401 Ellis Rd.



NEW LENOX

**\$150.00 Exhibitor Package includes:**

- 2 attendees (includes breakfast)
- Table with 2 chairs for table display
- Space to display equipment
- Day-of logo placement at workshop (welcome slide, agenda and survey)
- 60 seconds of mic time



Brought to you by:



**Qualifying State, Country or Local Program**

Not applicable to the work of the LDWG.

**C. Sharing Responsibility**

This report outlines the activities conducted by the LDRWC on behalf of its' members related to the implementation of the ILR40 permit. It is the responsibility of the individual ILR40 permit holders to utilize this information to fulfill the reporting requirements outlined in Part V.C. of the permit.

**D. Reviewing and Updating Stormwater Management Programs**

Not applicable to the work of the LDRWC.

## PART V. MONITORING, RECORDKEEPING, AND REPORTING

### A. Monitoring

No monitoring was completed during the reporting period, the following lays out the LDWG's future monitoring plans.

The ILR40 permit states that permit holders “must develop and implement a monitoring and assessment program to evaluate the effectiveness of the BMPs being implemented to reduce pollutant loadings and water quality impacts”. The LDWG will begin a monitoring program starting in the summer of 2018 that will meet the following monitoring objectives and requirements outlined in the permit:

- Measuring pollutants over time (Part V. A. 2. b. ii)
- Sediment monitoring (Part V. A. 2. b. iii)
- Assessing physical and habitat characteristics such as stream bank erosion caused by storm water discharges ((Part V. A. 2. b. vi)
- Collaborative watershed-scape monitoring (Part V. A. 2. b. x)
- Ambient monitoring of total suspended solids, total nitrogen, total phosphorus, fecal coliform, chlorides, and oil and grease (Part V. A. 2. c.)

### BIOASSESSMENT

A biological and water quality survey, or “biosurvey”, is an interdisciplinary monitoring effort coordinated on a waterbody specific or watershed scale. This may involve a relatively simple setting focusing on one or two small streams, one or two principal stressors, and a handful of sampling sites or a much more complex effort including entire drainage basins, multiple and overlapping stressors, and tens of sites. The LDRWC bioassessment is the latter. The LDRWC bioassessment program will begin in 2018 with sampling 29 stations in the lower portion of the mainstem Lower DesPlaines River. See table below for complete sampling schedule. The Bioassessment will include fish, macroinvertebrate, QHEI – Habitat and water chemistry at all sites and sediment sampling at a subset of sites.

Watershed	Year Sampled	# of Stations
Lower mainstem Lower DesPlaines	2018	29
Upper mainstem Lower DesPlaines + northern tributaries	2019	33
Hickory Creek subwatershed	2020	50
Remaining Tributaries	2021	56