

**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