



VILLAGE OF LOMBARD

255 E. Wilson Ave.
Lombard, Illinois 60148-3926
(630) 620-5700 Fax (630) 620-8222
www.villageoflombard.org

May 26, 2015

Village President
Keith T. Giagnorio

Village Clerk
Sharon Kuderna

Trustees
Dan Whittington, Dist. 1
Michael A. Fugiel, Dist. 2
Reid Foltyniewicz, Dist. 3
Peter Breen, Dist. 4
Laura A. Fitzpatrick, Dist. 5
William "Bill" Ware, Dist. 6

Village Manager
Scott A. Niehaus

"Our shared Vision for Lombard is a community of excellence exemplified by its government working together with residents and businesses to create a distinctive sense of spirit and an outstanding quality of life."

"The Mission of the Village of Lombard is to provide superior and responsive governmental services to the people of Lombard."

Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section #19
1021 N. Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

Re: 2014 Annual Report for NPDES II MS4 General Stormwater Permit –
Second Notice of Intent (Permit ILR400378) Year 6

Enclosed for your file is the Village of Lombard's Annual Report for the National Pollutant Discharge Elimination System Phase II MS4 General Stormwater Permit ILR40 for permit year 6 under the second Notice of Intent for the permit. The Village of Lombard is a co-permittee with the County of DuPage so this report is supplemental to their report. The Village's permit number is 0378.

Please call me at (630) 620-5765 if you have any questions.

Sincerely,

VILLAGE OF LOMBARD

David P. Gorman, PE
Asst. Director of Public Works

DG:jb Cover Letter for 2014 Report

Enclosure

cc: Scott Niehaus, Village Manager
Carl Goldsmith, Director of Public Works
Bill Heniff, Director of Community Development
Tom Ellis, Operations Superintendent
Brian Jack, Utilities Superintendent
Al Stefan, Village Engineer
Jana Bryant, Development Engineer
Rob Swanson, Water Quality Supervisor, DuPage County



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, 2014 To March, 2015

Permit No. ILR40 0378

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

Name: Village of Lombard Mailing Address 1: 255 E. Wilson Avenue

Mailing Address 2: _____ County: DuPage

City: Lombard State: IL Zip: 60148-1048 Telephone: 630-620-5765

Contact Person: David P. Gorman, P.E. Email Address: gorman@villageoflombard.org
(Person responsible for Annual Report)

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

County of DuPage (co-permittee and Qualifying
Local Program)

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))

David P. Gorman
Owner Signature:

David P. Gorman, P.E.

Printed Name:

5-26-15
Date:

Assistant 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.

Annual Facility Inspection Report - Section A

*Year 11 of NPDES Permit No. ILR400378 Village of Lombard,
2nd Notice of Intent (Year 6)*

No changes were made during this reporting year to the best management practices that were outlined in the Village of Lombard's Notice of Intent, dated 02/21/08, to obtain coverage under General NPDES Permit No. ILR40.

Annual Facility Inspection Report - Section B

*Year 11 of NPDES Permit No. ILR400378 Village of Lombard,
2nd Notice of Intent (Year 6)*

A.1: Distribution of Paper Material

The Village provides both paper copies at the Village and digital copies for the public on their website of brochures previously developed by the County. Distributes a list of companies providing service for native vegetation installation, monitoring and management. Attended informational training seminars that the County sets up for consultants, engineers and municipal representatives. The County continues to: update and re-implement Adopt-a-Stream brochure; distribute additional recreational brochures developed by the Forest Preserve District of DuPage County (FPDDC) that inform the public about using the natural resources in DuPage County for activities like hiking, fishing, and water activities; update the Stream Maintenance Program brochure; create additional Water Quality brochures (e.g. IDDE); create a DuPage County fact sheet that emphasizes stormwater management information; continue production of quarterly stormwater newsletter, Currents; distribute brochures on local water quality and conservation initiatives developed by others; Develop a series of water quality brochures (IDDE), handouts, and informational material; provide information and resources, including brochures, an informational DVD, and newsletters for planting and maintaining certified properties.

Milestone(s)

See DuPage County report for countywide activities.

A.2: Speaking Engagement

Continue to participate and present relevant issues at the Environmental Summit. Continue to fund support for groups like S.C.A.R.C.E, The Conservation Foundation, and other organizations that sponsor conservation friendly activities. Continue to present at permitting workshops and other speaking engagements to educate the public. Continue to provide internal and external training opportunities. Continue to be a partner in other conservation activities.

Milestone(s)

See DuPage County report for countywide activities.

A.3: Public Service Announcement

Create a 30 second PSA that will inform residents about issues of disposing or dumping of waste into storm sewers. DuPage County, working through The Conservation Foundation, will promote and expand the Storm Drain Stenciling program. The Village provides the materials for stenciling to interested community groups.

Milestone(s)

Ran PSAs on our municipal Cable Channel 4 regarding (a) stormwater runoff awareness in the Spring and (b) BMPs to reduce nutrient runoff due to leaves during the Fall.

See DuPage County report for countywide activities.

A.4: Community Event

The County continues support of an informational booth at The DuPage County Fair. Continue support of County supported events hosted by organizations like S.C.A.R.C.E, The Conservation Foundation.

Milestone(s)

Coordinated volunteers for the River Sweep on the East Branch of the DuPage River. 5/17/2014

B.7: Other Public Involvement

Within the last few years, DuPage County has received several requests to participate in projects where the goal was to improve water quality, but streambank stabilization was not necessarily the desired solution. Such projects include wetland creation, storm sewer day lighting, and in-stream animal habitat enhancement. In order to encourage the implementation of similar projects in the future, the County found it necessary to expand the only program that addressed water quality concerns, the Streambank Stabilization Program, into the Water Quality Improvement Program. The Village is an active member of the DuPage River Salt Creek Workgroup.

Milestone(s)

See DuPage County report for countywide activities.

C.1: Storm Sewer Map Preparation

The Village has provided this information to the appropriate County representative and will continue to provide updates annually. The success of the original outfall mapping effort will be measured by how many outfalls were incorrectly included in the database and how many others are found that were not identified during the first permit cycle. Coordinate the exchange of outfall and storm sewer network information. Field inspectors will verify the locations of the outfalls identified during the first permit cycle as they monitor the outfalls for illicit discharge.

Milestone(s)

See DuPage County report for countywide activities.

C.2: Regulatory Control Program

The success of this BMP will be measured by the number of outfalls that are identified and fixed, the success of the collaboration efforts between DuPage County and the cooperating permit holders, and the IDDE ordinance withstanding any legal challenges. DuPage County will revise the ordinance as needed.

Milestone(s)

The Village of Lombard is one of thirty one of thirty two partnering municipalities have adopted IDDE ordinances and entered into agreements with DuPage County as a full participant of Stormwater Management's IDDE program. See DuPage County report for countywide activities.

C.3: Detection/Elimination Prioritization Plan

The success of the prioritization plan will be measured by the number of illicit discharges that are detected. The point of the prioritization plan is to anticipate the areas in which one would expect to see the highest number of illicit discharges. The detection plan should help locate the major illicit discharges present within the system. The number of outfalls screened will be recorded and all information obtained during the screening process will be documented in the GIS database.

Milestone(s)

See DuPage County report for countywide activities.

C.4: Illicit Discharge Tracing Procedures

The effectiveness of the tracing procedures developed by DuPage County will be reviewed throughout the permit cycle. As illicit discharges are discovered, County staff will perform an annual review on all the illicit discharges located and determine what methods have been the most successful. The tracing procedures will be subject to modification if one procedure shows to be a substantially more effective means of locating a discharge. DuPage County will record the number of discharges traced and the methods used to locate each discharge. Begin monitoring MS4 outfalls.

Milestone(s)

See DuPage County report for countywide activities.

C.5: Illicit Source Removal Procedures

DuPage County staff will measure the success of this BMP by reviewing how many illicit discharges were detected, discovered, and subsequently removed. If there are instances where an illicit discharge was detected but the permit holder was not legally able to remove that discharge the removal procedure process will have to be modified. DuPage County will continually review the most effective removal procedures and convey this information to the cooperating permit holders.

Milestone(s)

See DuPage County report for countywide activities.

D.6: Site Inspection/Enforcement Procedures

DuPage County has implemented the Govern program to ensure all development and projects have acquired the necessary permits. Ensure staff has proper qualifications to conduct site inspections with respect to sediment and erosion control. Continue to offer employee training on-site inspections.

Milestone(s)

Conducted erosion control inspections. CONTINUOUS

E.2: Regulatory Control Program

Continuing to regulate the Stormwater Ordinance will reduce post construction runoff pollutants. Implementing and regulating the BMP Manual will reduce post construction runoff pollutants and will ensure discharge from developed sites will be treated.

Milestone(s)

See DuPage County report for countywide activities.

E.3: Long Term O&M Procedures

Currently, the Stormwater Ordinance requires all major and minor stormwater facilities be put into an easement that has a three to five year maintenance and monitoring period. The revision and update to the Stormwater Ordinance to include the BMP updates will require all BMPs be put into an easement. All permanent BMPs on a proposed plan will have to include a maintenance and monitoring plan for BMPs.

Milestone(s)

The Village conducts regular inspections of storm water facilities each summer. CONTINUOUS

See DuPage County report for countywide activities.

E.4: Pre-construction Review of BMP Designs

The DuPage County Water Quality Best Management Practices Technical Guidance Document (BMP Manual) will provide guidance on the design and implementation of development practices that prevent stormwater quality degradation and enhance the overall quality of stormwater. The BMP manual will promote and give guidelines on the installation of vegetated filter strips, vegetated swales, infiltration systems, permeable pavers, manufactured structures, and stormwater detention BMPs such as dry detention basins, wet detention basins, constructed wetland detention basins and underground detention basins. Revisions to the Stormwater Ordinance will more clearly require new developments in DuPage County to incorporate BMPs into their design that will treat all runoff. Further, a water quality fund will be set up to accept fees from applicants who are unable to incorporate BMPs. The water quality fund will be used to fund water quality projects that would not otherwise be required under the Stormwater Ordinance, such as planting an eroding detention basin with native vegetation, restoring a wetland, or stabilizing a streambank. Revisions will also be made to more clearly require that a security is collected to aid in the enforcement of the proper construction and maintenance of BMPs.

Milestone(s)

See DuPage County report for countywide activities.

E.5: Site Inspections During Construction

During this permit, EDP will ensure that all inspection staff recognize inappropriate construction site discharge and proper regulatory procedures for amending the violation. Incidents of Non-Compliance may be issued for a site if the infraction meets the reporting criteria. The Village will also ensure that its field staff is aware of these issues. Continue to conduct regular site inspections during construction. Conduct staff training on recognizing inappropriate discharge from a construction site.

Milestone(s)

Village staff follow-up with inspections of proposed design plans, erosion sediment control, and stormwater pollution prevention plans during the permitting process. CONTINUOUS

See DuPage County report for countywide activities.

E.6: Post Construction Inspections

Update Appendix E to include a technical guidance document for post-construction BMPs (BMP Manual). The BMP manual will require all BMPs to be put into a Natural Area Easement that will be monitored for three years after construction is completed. The Stormwater Ordinance will require that all BMPs are maintained according to a maintenance plan or as necessary.

Milestone(s)

*Year 11 of NPDES Permit No. ILR400378 Village of Lombard,
2nd Notice of Intent (Year 6)*

Please see DuPage County's Annual Report (in part the text above) for the goals of the stormwater activities planned for the next reporting cycle.

Annual Facility Inspection Report - Section E

*Year 11 of NPDES Permit No. ILR400378 Village of Lombard,
2nd Notice of Intent (Year 6)*

The Village of Lombard, as with all communities within DuPage County, relies on certain established and developing programs of the DuPage County Stormwater Program to satisfy some of the permit obligations under public education and outreach, public participation/Involvement, illicit discharge detection and elimination, construction site control, post-construction runoff control and pollution prevention/good housekeeping.

Annual Facility Inspection Report - Section F

*Year 11 of NPDES Permit No. ILR400378 Village of Lombard,
2nd Notice of Intent (Year 6)*

A list of construction projects greater than one acre of disturbed area that the Village of Lombard has paid for within the reporting period is included below.

Location/Project Name	Category	Start – End
Lombard Meadows Phase I	Roadway Reconstruction	4/2014 – 11/2014
Vista Pond Expansion	Stormwater Improvement	10/2014 – 12/2014



DuPage River Salt Creek Workgroup

DRSCW NPDES Activities
March 2014 – March 2015

1. Public education and outreach on stormwater impacts

DRSCW outreach activities for the year ending 2015 included:

- The DRSCW website was maintained during the reporting period and periodically updated with presentations and material (www.drscw.org).
- The online stream resource searchable database with information on local aquatic biodiversity, habitat, sediment and water column chemistry was updated.
- The online data viewer and searchable database, indicating monitoring locations throughout the three basins, was updated to include data from the Lower DuPage River Watershed Coalition.
- The DRSCW created a “Water Resource Manager’s Guide to Aquatic Bioassessment,” to be finalized in 2015.
- The 2014 Public Roads Deicing Questionnaire was distributed and responses were summarized and will be used to help plan other outreach strategies and future deicing workshop agendas.
- A draft Ambient Monitoring Data Analysis – 2013-2014 Winter Season was received and is under review.
- The DRSCW published on the website and distributed a fall 2014 newsletter, which included the IGIG award announcement (which was later frozen); articles on Michigan DOT’s Bounce and Scatter Study, Low Cost Ways to Reduce Salt Use; Rethinking Winter Roads Policy in Carol Stream; Evaluation of Leaf Collection Programs as a Means to Reduce Phosphorus Loads from Urban Basins.
- Public information available on the website includes:
 - Chloride Fact Sheets aimed at mayors and managers, public works staff, commercial operators, and homeowners.
 - Application guidance worksheet for commercial parking lot winter deicing.
 - A fact sheet summarizing the characteristics of alternative deicing products.
 - Phase diagrams for the most common chloride compounds used in winter maintenance.
 - A brochure on coal tar sealants as a source of Polycyclic Aromatic Hydrocarbons (PAHs) aimed at homeowners (produced by the University of New Hampshire Stormwater Center).
 - Coal Tar Based Sealant MOU, cost benefit analysis and summary.
 - Detailed reports on the biological and chemical conditions of area waterways



Other Water Quality Presentations or Workshops by the DRSCW

March 4, 2014 Continuous Dissolved Oxygen Monitoring Workshop for Participating Agencies

March 6, 2014 – National webinar for stormwater BMPs on transportation infrastructure hosted by US EPA. The Illinois Toll Highway Authority invited the DRSCW to co-present regarding the chloride offset program MOU.

March 10, 2014 – Prairie River Group of the Sierra Club. PAHs and Coal Tar sealants.

March 18, 2014 – WATERCON 2014 hosted by the Illinois Section American Water Works Association & Illinois Water Environment Association. White Paper Proposal and Chloride Offset Model.

April 2, 2014 – Illinois 2014 Rivers and Streams Meeting, Milan, IL. Causal analysis and Prioritizing Projects.

April 3, 2014 – Iowa APWA Conference – Chlorides and Watershed Management.

August 2, 2014 – Forest Preserve District of DuPage County Urban Stream Research Center Open House. Ambient and wastewater chemistry.

September 25, 2014 – Public Roads Deicing Workshop at DuPage County Division of Transportation, Wheaton, IL

October 7, 2014 – Managing Snow and Ice Control Operations, University of Wisconsin-Madison; Winter Maintenance and Environmental Impacts – Winter Maintenance and Environmental Impacts.

October 9, 2014 – Parking Lots & Sidewalks Deicing Workshop at DuPage County Division of Transportation, Wheaton, IL

October 16, 2014 – Lower DuPage River Watershed Coalition’s Deicing Workshops - Regulations related to salt management, New Lenox, IL

November 6, 2014 – US EPA/ FHWA National Webinar on Chloride Management – Co-Present with DuPage County Division of Transportation, Wheaton, IL.

November 18, 2014 – Salt Spreader Calibration Workshop at DuPage County Division of Transportation, Wheaton, IL.

November 20, 2014 – Lower DuPage River Watershed Coalition – DRSCW Project Funding Proposal & Other DRSCW Activities, Plainfield, IL.

February 19, 2015 – DuPage County Environmental Summit – Current River Conditions and the Challenges we Face, Naperville, IL

February 19, 2015 - Illinois Lakes Management’s Annual Conference, DRSCW Formation and Organization, DeKalb, IL

February 24, 2015 - Illinois Water Environment Association’s Annual Conference, DRSCW Formation and Organization, Champaign, IL.

Other Public Involvement

3. Illicit discharge detection and elimination – no activities

4. Construction site stormwater runoff control - no activities

5. Post-construction stormwater management in new development and redevelopment - no activities

6. Pollution prevention/good housekeeping for municipal operations

Three chloride reduction workshops were held during the reporting period. The Public Roads deicing workshop was held on September 25, 2014 with the following agenda:

7:00 – 7:30 Registration and Breakfast

7:30 – 7:35 Welcome - John Kawka, DuPage County DOT, Manager of Highway Operations

7:36 – 7:52 DuPage River Salt Creek Workgroup (DRSCW) Update - Stephen McCracken, TCF/ DRSCW, Director of Watershed Protection

7:53 – 8:09 Chloride Regulatory Update - Dan Bounds, CDM Smith, Principal Water Resources Engineer

8:10 – 8:45 Michigan DOT: Bounce and Scatter Study - Rich Hassenzahl, MDOT, Southwest Region Maintenance Superintendent

8:46 – 9:01 Exhibitor Briefs: New Products/ Equipment /Services

9:02 – 9:12 Break

9:13 – 9:33 Winter 2013-2014 & New Initiatives for 2014-2015 - Tim Peters, Illinois DOT, Winter Operations Engineer

9:34 – 9:59 Winter 2013-2014 Battle of the Extremes - Matt Wittum, Village of Spring Grove, Public Works Supervisor and Randy Morin, McHenry County DOT, Maintenance Supervisor

10:00 – 10:25 Winter 2013-2014 & Alternative Deicing - Stan Balicki, Village of Downers Grove, Assistant Director of Public Works

10:26 – 10:36 Break

10:37 – 11:07 Navigating the Winter with the Illinois Tollway - Scott Kapton, Illinois Tollway, Roadway Maintenance Manager

11:08 – 11:28 Baby Its Cold Out There! Products that Perform at Low Temperatures - Harvey Williams, Concept to Project Management, Owner

11:29 – 11:44 Open Forum Discussion

11:45 – 12:00 Close and Equipment Show

EQUIPMENT SHOW **HOT BUFFET BREAKFAST**

Less Salt, Less Money, Safe Conditions, Enough Said.

2014 Public Roads Deicing Workshop
Registration Form

Thursday, September 25, 2014
7:30 am – Noon

DuPage County Division of Transportation
140 N. County Farm Road – Main Entrance
Wheaton, IL 60187

Hosted by the DuPage River Salt Creek Workgroup, the DuPage County Division of Transportation, and Workshop Sponsors.

Agenda

- Extreme Weather Operations
- Winter Roads Policies
- Pre-wetting, Bounce and Scatter Study, Michigan DOT
- Regulatory Update
- Alternative Deicing Products/Procedures
- New Products/Services/Equipment
- Deicing Program Operations Updates:
 - IDOT
 - Illinois Tollway
 - McHenry County
 - DuPage County DOT
 - Downers Grove
 - Carol Stream
- DRSCW Workgroup Update
- Airport Deicing – Equipment and Procedures
- Open Forum Discussion with Presenters
- Equipment Show

Registration is required | Training certificates will be provided, up to a PDY's available.

Attendance – 121 registered, 20 others, 5 vendors = 146 total. All participants received a certificate of attendance. We received 78 feedback forms which will be used to plan future outreach strategies and workshop agendas.

The general agenda for the morning included information on calibration and why it is important then hands on demonstrations for an open loop (no compensation for changes in vehicle speed), closed loop (compensation for vehicle speed) and electronic system. Participants rotated through the "stations" in two groups.



Calibration Workshop Attendees, November 18th, Wheaton, IL