



VILLAGE OF LOMBARD

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

May 19, 2014

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: 2013 Annual Report for NPDES II MS4 General Stormwater Permit –
Year 5, Second Notice of Intent (Permit ILR400378)

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 5 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:dg Cover Letter 2013-2014

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
David Dratnol, 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, 2013 To March, 2014

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: gormand@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-applicant and Qualifying Local
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))


Owner Signature: _____

David P. Gorman, P.E.

Printed Name: _____

MAR 19, 2014
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

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.

Annual Facility Inspection Report - Section A

Year 10 of NPDES Permit No. ILR400378 Village of Lombard, 2nd Notice of Intent (Year 5)

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 10 of NPDES Permit No. ILR400378 Village of Lombard, 2nd Notice of Intent (Year 5)

A.1: Distribution of Paper Material

Continue to distribute brochures developed by the County. Create and distribute a list of companies providing service for native vegetation installation, monitoring and management. 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 natural resources in DuPage County for activities like hiking, fishing, and water activities. Update Stream Maintenance Program brochure. Create additional Water Quality brochures (e.g. IDDE). Create a DuPage County fact sheet emphasizing stormwater management information. Continue production of quarterly stormwater newsletters, Currents. Distribute brochures on local water quality and conservation initiatives developed by others.

Milestone(s)

The Village provides website links to the information provided on DuPage County's website. The Village's website also contains the ILR40 permit, annual reports, and IDDE reporting instructions. 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.

Milestone(s)

The Village maintains materials for storm drain stenciling to interested community individuals groups. See DuPage County report for countywide activities.

A.4: Community Event

Continue 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 and groups that present a positive environmental message.

Milestone(s)

Coordinated volunteers for the River Sweep on the East Branch of the DuPage River on 5/18/2013. See DuPage County report for countywide activities.

A.5: Classroom Education Material

County continues support of teacher education programs utilizing a group like S.C.A.R.C.E. Continue to produce education materials for public and private uses.

Milestone(s)

See DuPage County report for countywide activities.

A.6: Other Public Education

Creation of a Public Information Manager position that will handle all public relations matters for the Stormwater Management Division. Continue support of Conservation @ Home, which was developed by the Conservation Foundation. This program is an extension of the County's existing homeowner education and watershed protection efforts, and encourages and recognizes property owners that protect and/or create yards that are environmentally friendly and conserve water. This includes planting native vegetation, such as prairie and woodland wildflowers, trees and shrubs, create butterfly and rain gardens, and remove exotic species of plants. Implement a wetland classroom program with S.C.A.R.C.E.

Milestone(s)

The Village continues to use its rain barrel grant program to help educate residents of the benefits of such BMPs. See DuPage County report for countywide activities.

B.1: Public Panel

Continue support of Environmental Summit. Continue support of Environmental Commission.

Milestone(s)

Village staff serves as liaison to the Village's Environmental Concerns Committee and also on the executive board of the DuPage River Salt Creek Workgroup.

See DuPage County report for countywide activities.

B.3: Stakeholder Meeting

Continued support of the Municipal Engineers Advisory Group and the DuPage County Water Quality Stakeholder Committee. Continue implementation of BMPs.

Milestone(s)

Staff attended monthly Municipal Engineers Group meetings for local municipal staff to discuss storm water management, application of the DuPage County Countywide Stormwater and Flood Plain Ordinance and permit irregularities. CONTINUOUS

Participated in executive board meetings and bimonthly membership meetings with other stakeholders in the DuPage River Salt Creek Workgroup. Topics covered included chloride usage education and reduction, TMDLs, and river bioassessments. CONTINUOUS

See DuPage County report for countywide activities.

B.4: Public Hearing

Hold public hearings as necessary for any ordinance change, watershed plan, or variance to a given provision in the ordinance.

Milestone(s)

No Village or County public hearings were held this period.

B.5: Volunteer Monitoring

The C.A.R.E. group will select appropriate sites in all impaired watersheds throughout DuPage County and conduct training through The Conservation Foundation and Chicago Wilderness to make data available through the IDNR INRIN database. This database will hopefully be used to draw correlations and trends on the improvements to the impaired watersheds in DuPage.

Milestone(s)

See DuPage County report for countywide activities.

B.6: Program Coordination

Creation of a County Public Information Manager position (PIM). This position will be responsible for program coordination as well as lead contact for public education and outreach opportunities.

Milestone(s)

See DuPage County report for countywide activities.

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.

Milestone(s)

The Village Staff serves on the executive board of the DuPage River Salt Creek Workgroup, which coordinate all stakeholders in three watersheds to work toward meeting Clean Water Act goals. See DuPage County report for countywide activities.

C.1: Storm Sewer Map Preparation

As the monitoring portion of the illicit discharge detection and elimination program begins, County staff will verify the accuracy of the outfall database during the first five years. A measureable goal for this BMP will be how many updates are received from the cooperating permit holders. 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.

Milestone(s)

The Village has provided complete information to the County. 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 has 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.

C.6: Program Evaluation and Assessment

The success of this BMP will be measured by the number of reviews performed. If the program is successful, and there are no recommendations calling for any changes to the program, this step will have afforded staff the opportunity to learn from the successes of the program. The IEPA will include a synopsis of the program changes recommended as part of the annual review.

Milestone(s)

See DuPage County report for countywide activities.

C.7: Visual Dry Weather Screening

DuPage County will keep track of all MS4 outfalls that have been monitored during dry weather. The dry weather screening program will evolve as problem areas are discovered. The eventual goal is to visit all MS4 outfalls within DuPage County.

Milestone(s)

See DuPage County report for countywide activities.

C.8: Pollutant Field Testing

Once dry weather flow has been tested for pollutants a decision will be made as to what further action should be taken. The pollutant field testing portion of the program will be set up so that tracing efforts are undertaken only when certain trigger levels are met. The trigger levels will be open to change as the program develops. This BMP will be measured by the number of illicit discharges that are located after testing has been done. If field testing continually results in DuPage County staff investigating the storm sewer system but never finding the source of the discharge, the levels will have to be modified.

Milestone(s)

See DuPage County report for countywide activities.

D.1: Regulatory Control Program

The County Stormwater Ordinance was revised in February 2006 to reflect changes to the sediment and erosion control provisions. However, updating Technical Guidance Appendix E was not completed due to lack of staffing and lack of funds. Updating Appendix E will resume in the new permit, beginning with the inclusion of the DuPage County Water Quality Best Management Practices Technical Manual (BMP Manual).

Milestone(s)

See DuPage County report for countywide activities.

D.2: Erosion and Sediment Control BMPs

Updating Appendix E to include the BMP Manual was not completed during the previous permit but the BMP Manual will be completed and adopted into Appendix E during this permit period.

Milestone(s)

See DuPage County report for countywide activities.

D.4: Site Plan and Review Procedures

DuPage County has developed and maintained a successful regulatory permitting program and will continue to implement and update the program as necessary. Monthly meetings with a group of Countywide Stormwater Administrators (Municipal Engineers) to discuss ordinance related issues ensures the Stormwater Ordinance is implemented consistently, fairly and effectively throughout the County. The Municipal Engineers Group will continue to meet during the next permit period. The Village of Lombard also maintains a focused, regulatory permitting program that requires detention beyond the County requirements and meshes with the BMP requirements of the County.

Milestone(s)

BMPS have been incorporated into developments through the Village of Lombard's building permit process.

See DuPage County report for countywide activities.

D.5: Public Information Handling Procedures

Continue to improve and update the Public Outreach Program by integrating new programs and tools to aid the public with knowledge and understanding Village and County Policy and services.

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 through 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 the BMPs.

Milestone(s)

The Village conducts inspections of storm water facilities each summer on a five-year cycle. 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 five-year permit phase, DuPage County 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.

Milestone(s)

Village staff reviews proposed design plans, erosion sediment control, and stormwater pollution prevention plans during the design and permitting process. The Village's project engineers, engineering technicians, and contracted resident engineers are then responsible for compliance inspections on their projects. 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)

See DuPage County report for countywide activities.

F.1: Employee Training Program

The Water Quality Stakeholders group will continue to meet to discuss proper training procedures and implementation on good housekeeping and pollution prevention for appropriate supervisory and/or management employees on: building and open space maintenance, vehicle/fleet maintenance, materials storage and disposal, infrastructure inspection and maintenance, construction and land disturbances and waste disposal. The water quality discussions will aim to assist supervisors and/or managers with providing guidance to their employees with the appropriate training/information based on their needs. The pollution prevention Water Quality Stakeholder discussions will be shared with Public Works, DuDOT and the Municipal Engineers for collaborative efforts with the on-going pollution prevention training of County staff.

Milestone(s)

All Public Works' maintenance workers and supervisors have completed an on-line training program. See DuPage County report for countywide activities.

F.2: Inspection and Maintenance Program

Develop and implement an operation and maintenance program to prevent or reduce pollutant runoff from municipal operations to the storm sewer system. Complete Unincorporated Municipal Separate Storm Sewer (MS4) Outfall storm sewer mapping in conjunction with the Illicit Discharge Detection and Elimination component. Improve communications between the DuPage County's Storm Water Management, Public Works Department and Division of Transportation in order to run the good housekeeping pollution prevention program more effectively. Coordinate procedural development recommendations with the water quality stakeholders group and municipal engineers for inspection and maintenance of government-owned stormwater facilities, and buildings and grounds. Continue Stream Maintenance program.

Milestone(s)

The Village continues to implement its storm water facility inspection program, which inspects approximately 1/5 of these facilities every season and identifies issues pertaining to health and safety. Stormwater filter baskets are also maintained in the Public Works maintenance yard. See DuPage County report for countywide activities.

F.4: Municipal Operations and Waste Disposal

Develop procedures for properly disposing of waste removed from the separate storm sewers and areas such as dredge spoil, accumulated sediments, floatables, and other debris.

Milestone(s)

All material removed from catch basins and street sweeping is dumped at a landfill. See DuPage County report for countywide activities.

F.5: Flood Management/Assess Guidelines

Continue to adopt watershed plans for watersheds in DuPage County. Update existing hydraulic models for use in future planning and floodplain mapping efforts. Continue to make revisions to the DuPage County Countywide Stormwater and Flood Plain Ordinance as necessary. Continue on-going efforts to ease flooding and flood damages to the maximum extent practicable. Begin to audit non-waiver, partial-waiver and complete waiver communities again in DuPage County for compliance with Appendix F. Submit floodplain maps using the County's HSPF/FEQ/PVSTATS methodology are to be submitted to FEMA for review and approval. Mandatory review and comment periods will be established by FEMA. Corrections and updates will be made to the DFIRM maps and the dual-county issues will be resolved.

Milestone(s)

See DuPage County report for countywide activities.

Annual Facility Inspection Report - Section C

*Year 10 of NPDES Permit No. ILR400378 Village of Lombard,
2nd Notice of Intent (Year 5)*

Please see DuPage County's Annual Report for the detailed monitoring data collected over this period.

Annual Facility Inspection Report - Section D

*Year 10 of NPDES Permit No. ILR400378 Village of Lombard,
2nd Notice of Intent (Year 5)*

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

Annual Facility Inspection Report - Section E

*Year 10 of NPDES Permit No. ILR400378 Village of Lombard,
2nd Notice of Intent (Year 5)*

The Village of Lombard relies on certain established and developing programs of DuPage County 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 10 of NPDES Permit No. ILR400378 Village of Lombard,
2nd Notice of Intent (Year 5)*

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.

<u>Location/Project Name</u>	<u>Category</u>	<u>Start Date – End Date</u>
Terrace View Pond Improvements	Stormwater Management	6/2013 – 12/2013
Garfield Public Works Facility	Site Development	6/2012 – ongoing
Lombard Meadows Phase 1	Roadway Maintenance	4/2013 – ongoing

DRSCW NPDES Activities March 2013 – March 2014

1. Public education and outreach on stormwater impacts

DRSCW outreach activities for the year ending 2014 included:

- The DRSCW website was maintained during the reporting period and periodically updated with presentations, reports and other relevant water quality material (www.drscw.org).
- An online stream resource database was developed for the website which allows users to query water chemistry, biological and physical stream data for area waterways.
- Other 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.
 - The DRSCW released a winter newsletter covering roadway levels of service for winter maintenance and the Elgin O’Hare Western Access chloride offset project.



Technical Presentations

Workgroup meetings: The Workgroup hosts bimonthly meetings where technical presentations are made on a variety of water quality topics and surface water management subjects. The audience consists of mainly stormwater and wastewater professionals but the general public is also welcome to attend. The list below includes presentations that were made during the period March 1, 2013 to February 28, 2014. Selected presentations are made available on the DRSCW’s website after the meetings.

April 24, 2013 Meeting

Presentation: The Village of Itasca, Illinois Wastewater Treatment Plant Relocation
 Carl Fischer, P.E. BCEE, Manager, Wastewater Department, Baxter & Woodman, Inc. and Jeffrey Mohler, P.E. BCEE, Senior Engineer, Wastewater Department, Baxter & Woodman, Inc.

Presentation: Stormwater Management on the Elgin O'Hare – Western Access (EOWA) Project
Reed Panther Illinois Toll Highway Authority, Stephen McCracken, The Conservation Foundation/
DRSCW

June 26, 2013 Meeting

Presentation: Tollway MOU (Chloride Offset)
Stephen McCracken, The Conservation Foundation/ DRSCW

August 28, 2013 Meeting

Presentation: East Branch Basin Bioassessment 2011 Results
Presenter: Chris O. Yoder, Research Director, Midwest Biodiversity Institute

Presentation: Oak Meadows River Restoration Plan
Presenters: John Mayer, Project Manager, and Erin Pande, Director with Ecological Services, Engineering
Resource Associates, Inc.

October 30, 2013 Meeting

Presentation: Efficient and Effective Winter Maintenance: Getting it Done with Less Impact
Presenter: Wilfrid Nixon, Ph.D., P.E., Professor of Civil and Environmental Engineering, University of Iowa

Presentation: DRSCW Database Portal
Presenter: Mark R. Willobee, Senior Engineer, Geosyntec Consultants

December 11, 2013 Meeting

Presentation: Chlorides Management at DuPage County
Presenter: John Kawka, Manager of Highway Operations at DuPage County

Presentation: Elgin O' Hare Western Access Chloride Offset Targets and Allocations
Presenter: Stephen McCracken, The Conservation Foundation/ DRSCW

February 26, 2014 Annual Meeting

Presentation: DRSCW Special Conditions, Tool Outputs and White Paper Recommendations
Presenters: Stephen McCracken, TCF/DRSCW; Nick Menninga, Downers Grove Sanitary District

Presentation: Chloride Usage Education and Reduction Program Summary
Presenter: Jim Knudsen, Village of Carol Stream

Presentation: West Branch Fish Passage Enhancement
Presenters: Sarah Hunn, DuPage County Stormwater Management; Phil Mahoney, V3 Companies

Presentation: Oak Meadows Forest Preserve Dam Removal and River Restoration
Presenter: Andy Selle, Inter-Fluve

Other Workshops/ Special Meetings

July 16, 2013 Special Meeting: Chloride Offset Project

March 3, 2014 Continuous Dissolved Oxygen Monitoring Workshop

January 23, 2014 - 8:30-11:30: Facility Planning for Nutrient Removal in the DRSCW's Program Area

Presentation: Review DRSCW's Draft Special Conditions

Presenter: Nick Menninga, Downers Grove Sanitary District and Stephen McCracken, TCF/ DRSCW

Presentation: Understanding Nutrient Removal: What should I do to get started?

Presenter: Ed Kobylinski, Black & Veatch Corporation

Presentation: Phosphorus Removal Study at Downers Grove Sanitary District

Presenter: Derek Wold, Baxter & Woodman and Nick Menninga

Presentation: Chemical and Biological Phosphorus Removal Testing at the Metropolitan Water Reclamation District of Greater Chicago (MWRD)

Presenter: Kathy Lai, Dongqi (Cindy) Qin, Tony Quintanilla, MWRD

DRSCW Calendar, Presentations and Press Coverage

4.25.2013 - 2013 Clean Rivers, Clean Lake Conference in Wisconsin hosted by the Sweet Water (Southeastern Wisconsin Watersheds Trust, Inc.). A look at 6 Dams in DuPage County.

Summer 2013 edition of *Illinois RiverWatcher*. The National Great Rivers Research and Education Center (NGRREC) published an article on the DRSCW.

7.26.2013 – MWRDGC's Monitoring and Research Departments Seminar Series. "Adaptive Watershed Management to Achieve the Designated Use for Aquatic Life: Salt Creek and the Upper DuPage River"

10.08.2013 – WEF TECH. Presentation and moderation of a session on stream restoration to reach ecological integrity. With John Oldenburg, Forest Preserve District DuPage County, and Beth Wentzel, Inter-Fluve.

11.21.2013 –Lake County Stormwater Management Commission. Dam removal as a tool for managing improved water quality and biological outcomes.

3.6.2014 – National webinar for stormwater BMPs on transportation infrastructure hosted by the USEPA. The Illinois Toll Highway Authority invited the DRSCW to co-present regarding the chloride offset program MOU.

3/10/14 – Prairie River Group of the Sierra Club. PAHs and Coal Tar sealants.

3/18/14 – WATERCON 2014 hosted by the Illinois Section American Water Works Association & Illinois Water Environment Association. White Paper proposal and Chloride Offset model.

2. Public involvement and participation

Monitoring Activities

- Seven (7) POTWs conducted additional conductivity and chloride monitoring activities on Salt Creek upstream of their plants and in effluent during August and/or September.

- Dissolved Oxygen (DO) – Ambient DO, pH, temperature and conductivity were measured at a number of sites under the continuous DO monitoring program. All DO data was collected under a Quality Assurance Plan agreed upon with IEPA¹. A map of monitoring locations is given in Map 1. Sites were maintained by DuPage County, municipal and private environmental organization staff. Sondes are supplied to the program by DuPage County Division of Stormwater Management and MWRDGC. Data collected in this report is used to develop the DRSCW Bioassessment report for the watershed. The data is also shared with IEPA for development and review of the 303(d) List.
- Bioassessment – Bioassessment sampling was carried out in the Salt Creek basin. A total of 50 sites (excluding DO sites) were sampled for water column chemistry, sediment chemistry, Fish and macroinvertebrate IBI (Index of Biological Integrity), and Qualitative Habitat Evaluation Index (QHEI) scores. The sediment and water column sampling parameters are listed in Table 1, sample site locations are indicated in Map 1.

Table 1. Water column and sediment parameters collected under the Bioassessment analysis	
Water Quality Parameters	Sediment Parameters
Demand Parameters	Sediment Metals
5 Day BOD	Arsenic
Chloride	Barium
Conductivity	Cadmium
Dissolved Oxygen	Chromium
pH	Copper
Temperature	Iron
Total Dissolved Solids	Lead
Total Suspended Solids	Manganese
	Nickel
Nutrients	Potassium
Ammonia	Silver
Nitrogen/Nitrate	Zinc
Nitrogen – Total Kjeldahl	
Phosphorus, Total	
	Sediment Organics
Metals	Organochlorine Pesticides
Cadmium	PCBS
Calcium	Percent Moisture
Copper	Semivolatile Organics
Iron	Volatile Organic Compounds
Lead	
Magnesium	
Zinc	
Organics – Water	
PCBS	
Pesticides	
Semivolatile Organics	
Volatile Organics	

Data from the plan is used to produce the Bioassessment analysis, to identify and prioritize stormwater, wastewater and restoration projects and is submitted to IEPA for use in the state’s 303(d) list. The Bioassessment plan runs correlation analysis between IBI scores and various factors (water column chemistry, sediment chemistry and habitat). Reports for assessments for the period 2006-2011 are available on line at <http://drscw.org/>.

Other Public Involvement

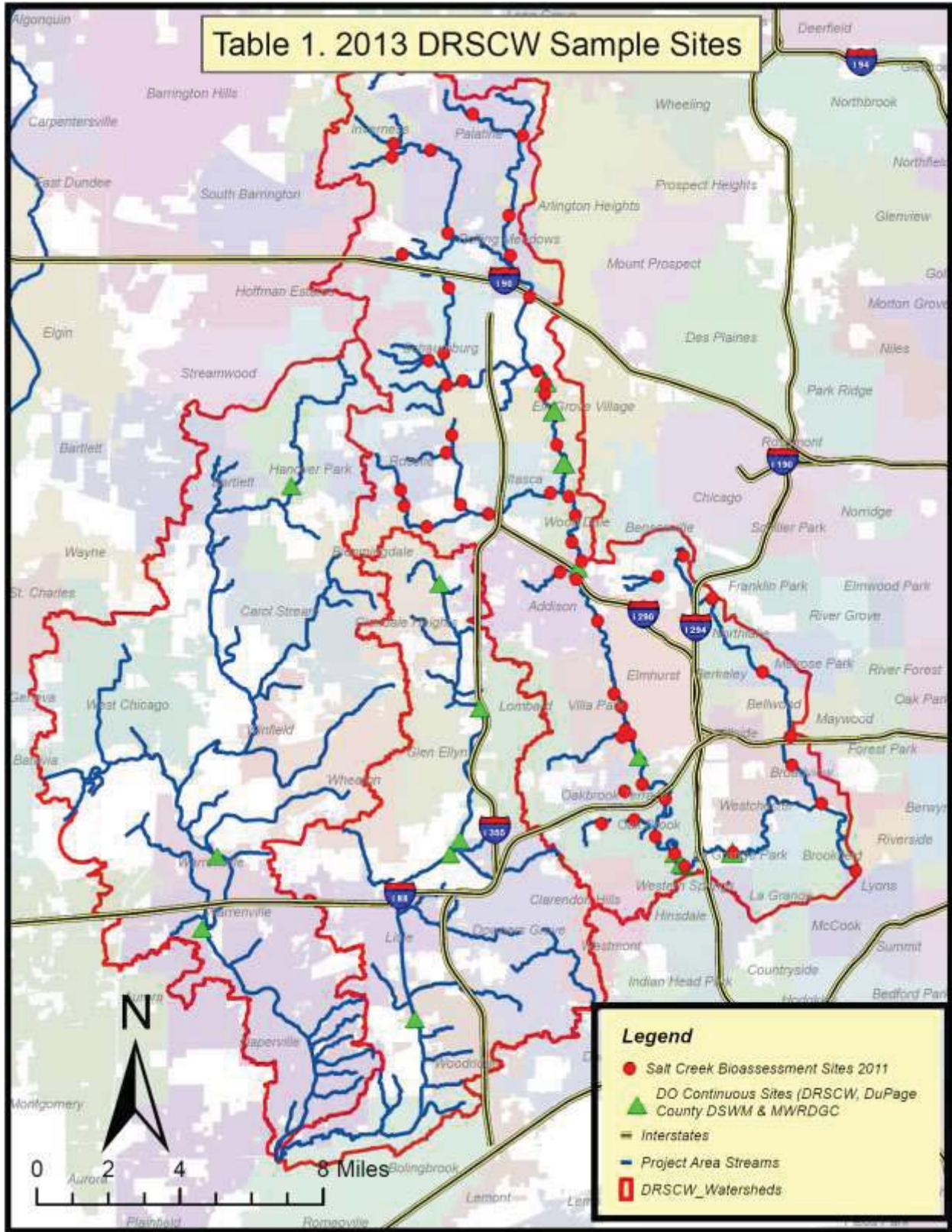
3. Illicit discharge detection and elimination – no activities

4. Construction site storm water runoff control - no activities

5. Post-construction storm water management in new development and Redevelopment - no activities

¹ DO Quality Assurance Plan DRSCW 2006

Table 1. 2013 DRSCW Sample Sites



6. Pollution prevention/good housekeeping for municipal operations

Two chloride reduction workshops were held during the reporting period.

The Public Roads deicing workshop was held on 9.26.13. The agenda:

- Water Quality Conditions/ Regulatory Update
Stephen McCracken, The Conservation Foundation/DRSCW and Dan Bounds, CDM Smith
- Efficient and Effective Winter Maintenance: Getting it Done with Less Impact
Professor Wilfrid Nixon, Ph.D., P.E. U of Iowa
- Weather Forecasts
David James, WeatherCommand
- Offsetting Chloride Loading from the Elgin O'Hare Western Access Project
Stephen McCracken and Reed Panther, Illinois Toll Highway Authority
- Local Deicing Program Updates, Facilitated by Mark DeVries, McHenry County Department of Transportation:
Scott Weber, Village of Hanover Park
John Kawka, DuPage County Division of Transportation
Tim Peters, Illinois Department of Transportation
- Panel of Speakers - Open Forum Discussion
- 105 people attended excluding presenters. All attendees received a certificate of attendance.

Equipment Show **Hot Buffet Breakfast!**

Less Salt, Less Money, Enough Said.

2013 Public Roads Deicing Workshop Registration Form

Thursday, September 26, 2013 7:30 am - Noon DuPage County Division of Transportation 140 N. County Farm Road - Main Entrance Wheaton, IL 60187	Hosted by DuPage River Salt Creek Workgroup, DuPage County Department of Transportation, and Workshop Sponsors:
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Agenda

- Buffet Breakfast and Sign-in
- Local Water Quality Conditions Update
- Offsetting Chloride Loading from the Elgin O'Hare Western Access Project
- Local Deicing Program Improvements
- Open Forum Discussion with Speakers, Sponsors, and Participants
- Equipment Show

Registration is required.
Training certificates will be provided, up to 4 PDH's available.

The Parking Lot and Sidewalk deicing workshop was held on 10.03.13. The agenda:

- Local Chloride Reduction Program
Stephen McCracken, The Conservation Foundation/DRSCW
- Impact of salt from winter snow fighting operations impacts our rivers and streams. Information on developing efficient and cost-effective snow fighting operations, appropriate product selection, application rates, equipment calibration.
Connie Fortin, Fortin Consulting,
Chis Walsh, City of Beloit, WI
- Test on presented material
- This workshop had 55 participants excluding presenters. All participants received a training certificate and participants who passed the test are recognized on the DuPage County Stormwater Management Division's Water Quality – Pollution Prevention/Good Housekeeping web page.



The image shows a registration form for a workshop. At the top, there is a photograph of a parking lot with snow and a car, with a yellow banner in the corner that says "Hot Buffet Breakfast!". Below the photo is a blue banner with the text "Less Salt, Less Money, Enough Said." and a small blue square icon. Underneath is an orange banner with the text "2013 Parking Lot & Sidewalk Deicing Workshop Registration Form". The form is divided into two columns. The left column contains the date "Thursday, October 3, 2013", the time "7:30 am - Noon", and the location "DuPage County Division of Transportation, 140 N. County Farm Road - Main Entrance, Wheaton, IL 60187". The right column contains the text "Hosted by DuPage River Salt Creek Workgroup and DuPage County Department of Transportation, and Workshop Sponsors:", a small logo for "DuPage River Salt Creek Workgroup", the "CDM Smith" logo, and a circular seal. Below the form is an "Agenda" section with a table listing the schedule: 7:30 am Registration and Breakfast Buffet; 8:00 am Local Chloride Reduction Program - Stephen McCracken, DRSCW; 8:30 am Deicing Program Certification Training and Parking Lot and Sidewalk Certification Training. A box for "FORTIN CONSULTING, INC." is next to the 8:30 am item. Below the agenda, it states "Registration is required." and "Training certificates will be provided, up to 4 PDH's available."

Hot Buffet Breakfast!

Less Salt, Less Money, Enough Said.

2013 Parking Lot & Sidewalk Deicing Workshop Registration Form

Thursday, October 3, 2013
7:30 am - Noon
DuPage County Division of Transportation
140 N. County Farm Road - Main Entrance
Wheaton, IL 60187

Hosted by DuPage River Salt Creek Workgroup and DuPage County Department of Transportation, and Workshop Sponsors:

DuPage River Salt Creek Workgroup

CDM Smith

Agenda

7:30 am	Registration and Breakfast Buffet
8:00 am	Local Chloride Reduction Program - Stephen McCracken, DRSCW
8:30 am	Deicing Program Certification Training Parking Lot and Sidewalk Certification Training

FORTIN CONSULTING, INC.

Registration is required.
Training certificates will be provided, up to 4 PDH's available.