



**DUPAGE COUNTY
ECONOMIC DEVELOPMENT AND PLANNING
STORMWATER MANAGEMENT DIVISION**

Daniel J. Cronin,
COUNTY BOARD CHAIRMAN

BUILDING & ZONING · ECONOMIC DEVELOPMENT · ENVIRONMENTAL CONCERNS · LAND USE · STORMWATER MANAGEMENT
STORMWATER PERMITTING · TRAILS · TRANSIT PLANNING · TRANSPORTATION PLANNING · WETLAND PROTECTION ·
WORKFORCE DEVELOPMENT

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May 31, 2012

Illinois Environmental Protection Agency - Division of Water Pollution Control
Attention Al Keller - Permit Section
1021 North Grand Avenue East
Springfield, Illinois 62794

Re: Annual Report for NPDES Phase II MS4 General Stormwater Permit Year 9
Second Notice of Intent Year 3

Enclosed is the County of DuPage's annual report for the National Pollutant Discharge Elimination System Phase II MS4 General Stormwater Permit ILR40 for permit year 9. This report includes activities that were undertaken and achieved for all of DuPage County. Thirty one municipalities and nine township highway districts have chosen to participate as cooperating permit holders in our countywide local qualifying effort for this permit program as requested by the IEPA Division of Water Pollution Control Permit Section to meet the six control measures of Public Education and Outreach, Public Participation/Involvement, Illicit Discharge Detection and Elimination, Construction Site Runoff Control, Post-Construction Runoff Control, and Pollution Prevention/Good Housekeeping for Municipal Operations.

The following list of county, municipalities and township highway districts permit numbers are included as participating in the enclosed report of permit achievements for the eighth year of the permit term:

<u>Municipality</u>	<u>ILR40 MS4 Permit #</u>
DuPage County	0502
Village of Addison	0227
Village of Bartlett	0286
Village of Bensenville	0292
Village of Bloomingdale	0295
Village of Clarendon Hills	0175
City of Darien	0180
Village of Downers Grove	0183
City of Elmhurst	0187
Village of Glendale Heights	0342
Village of Glen Ellyn	0199
Village of Hanover Park	0347
Village of Hinsdale	0355

Village of Lemont	0497
Village of Lombard	0378
City of Naperville	0396
Village of Oak Brook	0407
City of Oakbrook Terrace	0232
Village of Roselle	0437
Village of Villa Park	0463
Village of Wayne	0500
City of Wheaton	0470
Village of Westmont	0254
City of West Chicago	0466
Village of Willowbrook	0255
Village of Winfield	0474
Village of Woodridge	0480

Township Highway/Road Districts

Bloomington Township Highway Department	0013
Downers Grove Township Highway Department	0040
Lisle Township Highway Department	0079
Milton Township Highway Department	0086
Naperville Township Highway Department	0092
Wayne Township Highway Department	0149
Winfield Township Highway Department	0155
York Township Highway Department	0159

The Village of Itasca (ILR40 MS4 Permit # 0360), the City of Warrenville (ILR40 MS4 Permit # 0274), and Addison Township Highway Department (0001) have submitted their annual reports directly to the IEPA. An additional IEPA NPDES annual report submittal will be submitted weekly or as they are received with the annual reports of the remaining three (3) municipalities that may not have submitted their annual reports directly to the agency. The Year 9 annual reports of the municipalities that were not included in this first submittal, but may have already been sent out to the IEPA individually are:

<u>Municipality</u>	<u>ILR 40 MS4 Permit #</u>
Village of Carol Stream	0308
Village of Lisle	0376
Village of Wood Dale	0478

If you have any questions about the information contained within the attached annual report submittal, please call (630) 407-6720.

Regards,

Chris Vonnahme
Senior Project Engineer
Stormwater Management Division

Enclosure

Copy (w/o enc): Daniel J. Cronin, DuPage County Board Chairman
Anthony J. Charlton, P.E., Stormwater Management Division Director
Kevin Buoy, Public Works Operations Manager
Anthony Hayman, Assistant State's Attorney



Illinois Environmental Protection Agency

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

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.

Report Period: From March, 2011 _____ To March, 2012 _____

Permit No. ILR40 400502

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

Name: DuPage County

Mailing Address: 421 N. County Farm Road County: DuPage

City: Wheaton State: IL Zip: 60187 Telephone: 630-407-6700

Contact Person: Christopher Vonnahme Email Address: _____
(Person responsible for Annual Report)

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

Unincorporated DuPage County

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:

Date:

Printed Name:

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 9 of NPDES Permit No. ILR400502

DuPage County, 2nd Notice of Intent (Year 3)

No changes were made during this reporting year to the best management practices that were outlined in DuPage County's Notice of Intent, dated 2/28/2008, to obtain coverage under General NPDES Permit No. ILR40.

Annual Facility Inspection Report - Section B

Year 9 of NPDES Permit No. ILR400502

DuPage County, 2nd Notice of Intent (Year 3)

A.1: Distribution of Paper Material

Goals

Continue to distribute brochures previously developed by the County. Create and distribute a list of companies providing service for native vegetation installation, monitoring and management. Provide informational training seminars to consultants, engineers and municipal representatives. 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 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.

Milestone

Develop water quality information to fit the needs of the Stormwater Management Program. Update stream maintenance program brochure. Create County fact sheet and produce quarterly issues of Currents. Continue to update and review water quality information as necessary.

Summary

Date

Developed a brochure entitled 'Living on a Stream' to educate homeowners on best management practices and tips to protect their property value and the water quality of receiving streams.

2/1/2010

Published an issue of 'Currents,' a newsletter publication that updates residents on current activities of the Stormwater Management Division, provides education and tips on stormwater management and water quality, and offers links and updates on upcoming events. The September 2011 edition (Volume 3, Issue 2) highlighted the Churchill Woods Dam modification project, twentieth annual DuPage County River Sweep, rain barrel auction to benefit Community Consolidated School District 93, availability of car wash kits, and the Division's outreach efforts at the DuPage County Fair.

9/22/2011

Developed a report highlighting the achievements of the DuPage County Stormwater Management Division. The release of the publication corresponded to the twenty fifth anniversary of the formation of the Division.

2/7/2012

In addition to pamphlets on display, placed the following brochures on DuPage County's website: Native Plants- The Deep Roots of Stormwater Management Success; Living on a Stream; Maintenance and Management of Naturalized Areas- A Homeowner's Guide; Storm Drain Stenciling; Conservation@Home; More than Rain down the Drain- Illicit Discharge Detection and Elimination Public Awareness; Car Wash Discharge Guidelines- Send Only Rain down the Drain!; and DuPage County Stormwater and Flood Plain Ordinance and LEED Applicability.

3/31/2012

Through the DuPage River/Salt Creek Workgroup (DRSCW), developed and distributed a chloride fact sheet summarizing alternative deicing products.

3/31/2012

Through the DuPage River/Salt Creek Workgroup (DRSCW), developed and distributed a chloride fact sheets aimed at mayors and managers, public works staff, commercial operators, and homeowners.	3/31/2012
Through the DuPage River/Salt Creek Workgroup (DRSCW), developed and distributed a brochure, aimed at homeowners, on coal tar sealants as a source of Polycyclic Aromatic Hydrocarbons (PAHs).	3/31/2012
Displayed the following pamphlets in the DuPage County administrative building, as well as at outreach events: A Citizen's Guide to Monitoring Stormwater- Illicit Discharge Detection & Elimination; Streambank Stabilization in DuPage County; Car Wash Discharge Guidelines: Send Only Rain Down the Drain!; DuPage County Wetlands and Streams; DuPage County Adopt-a-Stream Program; United States Department of Agriculture's What Is a Watershed?; Shade Gardens; Nature Friendly Yard; Backyards for Wildlife!; Live Near a Detention Pond?; Where Does the Rain Go?; Dump No Waste...Drains to River!; and Rain Barrel Installation Guide.	3/31/2012

A.2: Speaking Engagement

Goals

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

Continue support of County funded groups. Encourage staff participation in speaking engagement opportunities.

Summary

Date

Hired Public Information Manager to manage education and outreach on stormwater management on behalf of the Stormwater Management Division.	4/15/2009
Hosted a technical workshop, 'NPDES Inspections...from the Inspector's Perspective,' with assistance from The Conservation Foundation. One hundred and fifty nine (159) people were in attendance. Presentations included: A Regulatory Update of Stormwater Requirements; NPDES Site Inspections and Implementation; Making the Most of the Illinois Urban Manual; and Using Technology to Manage the MS4 Permit.	4/21/2011
Through the DuPage River/Salt Creek Workgroup (DRSCW), presented 'Calculating Optimal Widths for Riparian Buffer Zones in the DuPage River-Salt Creek Watersheds' to the Municipal Engineers' Working Group.	6/9/2011
Sponsored a four-day wetland plant identification course led by with Dr. Robert Mohlenbrock. The course was designed for employees of federal, state, and local agencies; wetland consulting firm staff; community engineers; field technicians; and others interested in wetland systems or plant identification.	8/23/2011

Financially supported the 'Beyond the Basics: Evolution of Stormwater Best Management Practices' seminar that provided an in-depth look at effective, as well as ineffective, stormwater management techniques and how they have progressed over time. There were 186 individuals that attended the seminar. In addition, a DuPage County staff member presented on lessons learned on developing and implementing best management practices for County projects over the past three years.	9/29/2011
Presentation by the Division of Transportation's Manager of Highway Operations on DuPage County's winter operations and chloride reduction efforts at an American Public Works Association (APWA) event.	10/1/2011
Sponsored a seminar, in coordination with the DuPage River/Salt Creek Workgroup (DRSCW) and American Public Works Association (APWA), on chloride reduction in winter deicing operations for public roadways. The workshop, which had ninety-two (92) participants, focused on best management practices, pre-wetting techniques, anti-icing practices, and equipment retrofits.	10/12/2011
Sponsored a seminar, in coordination with the DuPage River/Salt Creek Workgroup (DRSCW), on chloride reduction in winter deicing operations for sidewalks and parking lots. The workshop, which had thirty-four (34) participants, focused on best management practices, pre-wetting techniques, and other anti-icing practices.	10/13/2011
Through the DuPage River/Salt Creek Workgroup (DRSCW), presented 'What's Going on in Our Rivers?' to the Village of Villa Park's Environmental Concerns Committee.	10/19/2011
Through the DuPage River/Salt Creek Workgroup (DRSCW), presented an overview of DRSCW's Chloride Analysis and Reduction Program to the Suburban and Fox Valley Branches of the American Public Works Association.	11/25/2011
Hosted a technical workshop, 'Managing Total Suspended Solids,' with assistance from The Conservation Foundation. A total of fifty-one (51) people attended the seminar. The seminar covered topics including: total suspended solids definitions, sources of total suspended solids and pollutants, best management practices, and modeling systems. At the conclusion of the presentations, attendees were invited to a view various trucks and street sweepers and speak with operators of those vehicles.	11/30/2011
Through the DuPage River/Salt Creek Workgroup (DRSCW), presented an overview of DRSCW's Chloride Analysis and Reduction Program to staff at the Chicago Metropolitan Association of Planning (CMAP).	12/17/2011
Through the DuPage River/Salt Creek Workgroup (DRSCW), presented 'What's Going on in Our Rivers?' to the League of Women Voters of Elmhurst.	1/9/2012
In partnership with The Conservation Foundation, conducted fifty (50) speaker's bureau presentations throughout DuPage County focusing on the Conservation@Home program. Approximately 1,853 individuals were in attendance at the events where the presentations were made.	3/31/2012

A.3: Public Service Announcement

Goals

Create a 30 second PSA that will inform residents about issues of disposing or dumping of waste into storm sewers.

Milestone

Continue to update and air County public service announcements.

Summary

Received documented strategy of how to develop an effective Public Service Announcement (PSA) campaign from The Conservation Foundation. Information included the fundamentals of campaign creation and implementation in DuPage County.

Date

4/14/2011

Obtained fee schedule for broadcasting PSAs on a local radio station.

6/9/2011

Displayed four (4) billboards on Route 83 in Elmhurst as part of a water quality campaign with seasonal messages regarding stormwater. The messages used fish mascots created to promote water quality education and awareness.

3/31/2012

A.4: Community Event

Goals

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

Continue community events, review and update materials and events as needed.

Summary

Presented the watershed model to over three hundred (300) participants at the 'Believe in Green Environmental Exposition' in the Village of Clarendon Hills. The watershed model allows people of all ages, languages, and cultures to better understand the sources and prevention of water pollution through visual, hands-on interaction.

Date

4/9/2011

Presented the watershed model to thirty-five (35) participants at Whole Foods Market in the Village of Hinsdale. The watershed model allows people of all ages, languages, and cultures to better understand the sources and prevention of water pollution through visual, hands-on interaction.

4/16/2011

Led ten (10) DuPage County municipal and community members on a tour of green buildings that include landscapes and permeable surface areas to highlight best management practices for stormwater management, as well as other Leadership in Energy and Environmental Design (LEED) attributes.	5/12/2011
Sponsored a community booth to present stormwater water quality education at Blooming Fest in the City of West Chicago. Approximately two hundred and twenty-five (225) participants were in attendance.	5/21/2011
Staffed, for a five-day period, an informational booth representing the Stormwater Management Division at the DuPage County Fair. The booth had interactive displays, such as a watershed model and water quality themed games, to encourage the involvement of children and young adults. Displays covered stormwater management best management practices (rain barrels, native plants, car wash kits, etc.); Division programs (Water Quality Improvement Grants and Adopt-a-Stream); and stormwater flood control facilities. A rain barrel and native plants were raffled off to selected individuals who signed up to receive an electronic newsletter, while game participants received a fish plush toy.	7/27/2011
Sponsored a community booth to present stormwater water quality education at Prairie Days in the Village of Lombard. Approximately two hundred (200) participants were in attendance.	9/18/2011
Sponsored a community booth to present stormwater water quality education at the Green Fair at Cantigny Park in the City of Wheaton. Approximately 3,400 participants were in attendance.	9/24/2011
Sponsored an open-house at the School and Community Assistance for Recycling and Composting Education (SCARCE) facility in the Village of Glen Ellyn where stormwater water quality education information was presented. Approximately forty-nine (49) participants were in attendance.	2/7/2012
Led twenty-five (25) DuPage County municipal and community members on a tour of green buildings that include landscapes and permeable surface areas to highlight best management practices for stormwater management, as well as other Leadership in Energy and Environmental Design (LEED) attributes.	3/2/2012
Sponsored over thirty (30) community programs for youth and other civic organizations that presented solutions to stormwater management and general water quality issues. Topics for these programs included rain gardens, rain barrels, permeable pavers, green roofs, water quality and quantity, native plants, bioswales, phosphates, hazardous waste, and chloride reduction.	3/31/2012
Through partnership with School and Community Assistance for Recycling and Composting Education (SCARCE), held 115 community events for a variety of civic, governmental, and private organizations on topics including stormwater management controls, rain barrels, native plants and naturalized areas, permeable pavers, wetlands, phosphate control, and other best management practices. Approximately 2,468 individuals were involved in these events throughout the year.	3/31/2012

A.5: Classroom Education Material

Goals

Continue County 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

Continue the development of education materials, and sponsorship of environmental clubs. Review and update classroom education materials as necessary.

Summary

Date

Funded the fifth annual 'Sustainable Design Challenge,' where 138 students learned the aspects of and participated in the design of model green buildings. Stormwater management topics covered in class and incorporated into the buildings included green roofs, rain barrels, native plants, permeable pavers, and rainwater harvesting.

4/12/2011

Presented the watershed model to four hundred and twenty (420) students at Glenbard South High School in the Village of Glen Ellyn. The watershed model allows people of all ages, languages, and cultures to better understand the sources and prevention of water pollution through visual, hands-on interaction.

4/13/2011

Presented the watershed model to sixty (60) students at Herrick Middle School in the Village of Downers Grove. The watershed model allows people of all ages, languages, and cultures to better understand the sources and prevention of water pollution through visual, hands-on interaction.

5/6/2011

Held, for eight (8) teachers, a five-day 'Where Is Away?' workshop that highlighted the control of trash, fertilizer, pesticides, and other pollutants.

6/14/2011

Held, for twenty-two (22) teachers, a five-day 'Living Water: Going with the Flow' workshop that highlighted naturalized areas, wetlands, and aquatic life. Site visitations were included in the workshop.

6/20/2011

Conducted, for eight (8) teachers, a full-day 'Green and Sustainable Design Building' workshop that allows participants to learn about the science behind green buildings. The workshop showcased green roofs, permeable pavement, native plants, rain barrels, silt fences, bioswales, recycled content products, energy conservation, and underground water storage.

10/28/2011

Presented the watershed model to eighty-four (84) students at Marquardt Middle School in the Village of Glendale Heights. The watershed model allows people of all ages, languages, and cultures to better understand the sources and prevention of water pollution through visual, hands-on interaction.

11/1/2011

Presented the watershed model to one hundred (100) students at Glenbard North High School in the Village of Carol Stream. The watershed model allows people of all ages, languages, and cultures to better understand the sources and prevention of water pollution through visual, hands-on interaction.

11/7/2011

Conducted, for six (6) teachers, a full-day 'Where Does Our Water Come from and Where It Goes When We Are Done?' workshop that allows participants to tour various facilities involved in drinking water and wastewater treatment.	3/2/2012
Presented the watershed model to twenty-five (25) students at Lace Elementary School in the Village of Darien. The watershed model allows people of all ages, languages, and cultures to better understand the sources and prevention of water pollution through visual, hands-on interaction.	3/10/2012
Presented the watershed model to fifty-five (55) students at North Central College in the City of Naperville. The watershed model allows people of all ages, languages, and cultures to better understand the sources and prevention of water pollution through visual, hands-on interaction.	3/27/2012
Through partnership with School and Community Assistance for Recycling and Composting Education (SCARCE), educated approximately 1,087 middle and high school age students on topics including stormwater management controls, rain barrels, native plants and naturalized areas, permeable pavers, wetlands, phosphate control, and other best management practices. The forty-three (43) events throughout the year reached 817 teachers or college students, as well.	3/31/2012
Financially supported local participation in 'Envirothon,' a natural resource management competition open to high school students. Four (4) student teams represented three DuPage County high schools. The teams of five students worked with a teacher/coach to learn about issues and solutions regarding wildlife, soils, forestry, aquatics, and a current topic that changes each year.	3/31/2012
Delivered, in partnership with The Conservation Foundation (TCF), the 'Mighty Acorns' program to approximately 502 students in 21 fourth, fifth, and sixth grade classes in five (5) DuPage County schools. The program provided 4,500 hours of nature-based instruction and hands-on experiences through stewardship of land and water resources with the goal of instilling in young people a sense of stewardship toward natural areas.	3/31/2012

A.6: Other Public Education

Goals

Creation of a Public Information Manager position, which will handle all public relations matters for Stormwater Management Division. Continued support of Conservation @ Home, which was developed by The Conservation Foundation. This program is an extension of our 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

Continue to review and update public education information.

Summary

Added a turtle mascot to the fishes previously created by Stormwater Management Division staff. The turtle has been used in illustrating the benefits of implementing water quality best management practices and developed as a plush toy to be distributed at outreach events.

Date

12/9/2011

Received publication, in the Spring 2012 journal issue of Watershed Science Bulletin, of an article written by the DuPage River/Salt Creek Workgroup Program Director and consultant Huff & Huff, Inc. The article, 'Stream Dissolved Oxygen Improvement Feasibility Study Salt Creek and East Branch DuPage River,' focuses on the application of monitoring and modeling in watershed management. The Watershed Science Bulletin is a journal for the Association of Watershed and Stormwater Professionals. DuPage County is an active member of the DuPage River/Salt Creek Workgroup (DRSCWG) with one Stormwater Management Division staff member recently inducted as a DRSCWG Board Member.	3/21/2012
In partnership with The Conservation Foundation (TCF), partially funded the Conservation@Home program, which promotes the use of native landscaping, rain gardens, and rain barrels to homeowners, businesses, and developers in DuPage County. TCF staff conducts evaluations and certifies properties: Twenty-two (22) sites were certified, while another thirty-six (36) sites are in the process of obtaining certification. Over fifty (50) additional property owners have been given plant advice or information about utilizing rain gardens, rather than discharging into the storm sewer directly.	3/31/2012
Through the DuPage River/Salt Creek Workgroup (DRSCW), maintained and periodically updated with presentations and other material the Workgroup's website: www.drscw.org .	3/31/2012
Purchased and distributed car wash kits to area high school districts to be used at club or team sport fundraising events. In addition to at the following school districts (87, 88, 94, 99, 108, 200, 201, 202, 203, and 205), the kits are also available at the Stormwater Management Division and SCARCE offices. The kits prevent dirty, soapy runoff from entering the storm sewer system and degrading the water quality of receiving streams. Instead, runoff is diverted to a vegetated area or the sanitary sewer. Car wash kits include a catch basin tub insert, sump pump, extension cord, GFCI shock protector, hose, grate hook, safety cones, and instructions.	3/31/2012
Funded the redesign of the DuPage Rivers website: www.dupagerivers.org . The website is used to educate DuPage County residents about watersheds and how to improve water quality through community involvement.	3/31/2012
Funded activities involving 152 volunteers posting 900 door hangers and stenciling 738 storm drains. These activities alerted residents of the direct connection between storm sewer inlets and local waterways and occurred in the following communities; Village of Downers Grove, Village of Hanover Park, Village of Lisle, and City of Naperville.	3/31/2012

B.1: Public Panel

Goals

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

Milestone

Review and update public panel information.

Summary

Date

Opened a 45-day public comment period for revisions to the DuPage County Countywide Stormwater and Flood Plain Ordinance. Comments were accepted through October 20, 2011.

9/6/2011

Held a public meeting at the Village of Carol Stream (Village Hall) to update the public on the status of the flood control project proposed for Armstrong Park and restoration activities for Klein Creek. These activities were identified in the Klein Creek Watershed Addendum No. 2 for Inclusion into the West Branch DuPage River Interim Watershed Plan. County staff and project consultants presented project plans, outlined the project's schedule, and were available for questions from the public.

9/13/2011

Held individual property owner meetings, throughout October, with Warrenville residents living along Emerald Green Court, Iroquois Court and Forestview Drive in regards to the West Branch DuPage River Corridor Improvements.

10/31/2011

Held public meeting at the City of Warrenville (City Hall) to update the public on the status of the West Branch DuPage River Corridor Improvements identified in the West Branch DuPage River Interim Watershed Plan Addendum. Representatives from the Stormwater Management Division and the County's project partner agencies were in attendance to discuss all of the elements of the proposed flood control and river corridor restoration projects. An opportunity for public comment was also given during the public meeting.

11/15/2011

Completed the West Branch DuPage River Flood Control Improvements Public Meeting Response Document, which addressed a number of questions and concerns raised at the public meeting on November 15.

2/2/2012

Received approval from the Stormwater Management Planning Committee of the response document to comments received during the 45-day Public Comment period for final revisions to the DuPage County Countywide Stormwater and Flood Plain Ordinance. Comments were accepted through October 20, 2011.

3/6/2012

Assembled the Environmental Commission, which serves as an advisory panel to the DuPage County Board on environmental issues, five (5) times during the reporting period. Meetings were held on the following dates: 5/17/2011, 6/7/2011, 8/16/2011, 11/1/2011, and 3/6/2012.

3/31/2012

B.3: Stakeholder Meeting

Goals

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

Milestone

Continue support of the Municipal Engineers and Water Quality Stakeholders Groups.

Summary

Date

Participated in regular meeting for the DuPage River-Salt Creek Workgroup. Presentations and follow-up discussion pertained to the following topics: dissolved oxygen monitoring and feasibility study along the East Branch DuPage River and dam modification and segment naturalization within the Churchill Woods Forest Preserve.

4/27/2011

Participated in regular meeting for the DuPage River-Salt Creek Workgroup. Presentations and follow-up discussion pertained to the following topics: polycyclic aromatic hydrocarbons (PAHs) leaching from parking lot sealants, emerging stormwater permitting issues (as reported by USEPA), and proposed NPDES permit fee redirection legislation.

6/29/2011

Participated in regular meeting for the DuPage River-Salt Creek Workgroup. Presentations and follow-up discussion pertained to the following topics: utilizing the Integration and Prioritization System (IPS) tool and the process of developing those identified reaches into actual projects.

8/31/2011

Participated in regular meeting for the DuPage River-Salt Creek Workgroup. Presentations and follow-up discussion pertained to the following topics: USGS evaluation of polycyclic aromatic hydrocarbons (PAHs) in select United States lakes and an overview of stormwater management projects being undertaken by the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC).

10/26/2011

Participated in regular meeting for the DuPage River-Salt Creek Workgroup. Presentations and follow-up discussion pertained to the following topics: exploration of the benefits of watershed-based permitting, IEPA's strategy in handling nutrient management in urban areas of Illinois, and the results of monitoring, taking place in 2010, that occurred along Salt Creek.

12/7/2011

Participated in regular meeting for the DuPage River-Salt Creek Workgroup. Presentations and follow-up discussion pertained to the following topics: development of a septic system map for an isolated area to accompany an impending bacteria TMDL, results of an ammonia mass-balance analysis for the East Branch DuPage River, survey results outlining the potential for in-stream restoration over certain stretches, and progress of chloride reduction efforts.

2/29/2012

Held regularly scheduled Municipal Engineers' Working Group meetings for local municipal, County staff, and other interested parties to discuss general stormwater management and water quality issues; DuPage County Countywide Stormwater and Flood Plain Ordinance revisions; and permit irregularities. During the reporting period, the Group met eleven (11) times for regularly scheduled meetings: 4/12/2011; 5/5/2011; 6/9/2011; 8/4/2011; 9/8/2011; 10/6/2011; 11/3/2011; 12/8/2011; 1/5/2012; 2/9/2012; and 3/8/2012. The Group assembled five (5) additional times for special call meetings to discuss a general certification process to streamline the County's certification process and decrease the length of time required for review for certain types of activity. Special call meetings occurred on the following dates: 1/12/2012; 1/26/2012; 2/2/2012; 2/16/2012; and 2/23/2012.

3/31/2012

B.4: Public Hearing

Goals

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

Milestone

Continue to implement updates and review all amendments to appendices of the Stormwater Management Plan. Hold Public hearings as necessary for any ordinance change, watershed plan, or variance.

Summary

No public hearings were required for activities during the reporting period.

Date

3/31/2012

B.5: Volunteer Monitoring

Goals

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

Continue support for volunteer monitoring opportunities.

Summary

Funded, for a period of two months, coordination of the River Watch Citizen Scientist Monitoring Program, where seven (7) citizen scientists monitored macroinvertebrates at five (5) sites in DuPage County. The volunteer monitoring program was coordinated through The Conservation Foundation (TCF) and managed by the National Great Rivers Research and Education Center (NGRREC) in Godfrey, Illinois.

Date

5/1/2011

Through partnership with The Conservation Foundation, attended and hosted a poster exhibit at the Biennial RiverWatch Symposium in Peoria as part of the Governor's Conference on the Management of the Illinois River System.

10/4/2011

B.6: Program Coordination

Goals

Creation of a 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

Review and update programs as necessary.

Summary

Coordinated with School and Community Assistance for Recycling and Composting Education (SCARCE) and The Conservation Foundation (TCF) to provide public education and outreach services to DuPage County residents.

Date

3/31/2012

B.7: Other Public Involvement

Goals

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

Continue support for programs while also reviewing potential public involvement programs and their feasibility.

Summary

Initiated a water quality grant agreement with Naperville Park District for the Pioneer and Seager Park Native Habitat and Permeable Pavers in the amount \$104,998.

Date

4/19/2011

Initiated a water quality grant agreement with the Seton Montessori School, in the amount of \$18,606, for the installation of 4,618 square feet of permeable pavers along the parking lot driveway entrance and turn around drop off area.

5/3/2011

Initiated data collection at twelve (12) monitoring stations throughout the DuPage River and Salt Creek Watersheds. Ambient dissolved oxygen, pH, temperature, and conductivity units were measured at hourly intervals during summer months and used to develop a bioassessment reports in the watersheds.

5/9/2011

Partially funded the annual Countywide River Sweep, where over 622 volunteers participated and retrieved 9.25 tons of garbage and debris from over 37.38 miles of stream. Old growth buckthorn, honeysuckle, hawthorn, garlic mustard, and other invasives were removed, as well.	5/21/2011
Received an award of appreciation, from The Conservation Foundation, to recognize the Stormwater Management Division's support of the DuPage River Sweep for the past twenty years. It is estimated that more than 25 tons of trash have been removed from rivers within DuPage County by 10,000 volunteers since the program was initiated.	6/2/2011
Donated eight (8) rain barrels, which were subsequently painted, to Community Consolidated School District 93. The barrels were then auctioned to raise awareness about the importance of stormwater management and water conservation and reuse. The proceeds from the auctions went to the schools' ecology clubs and other environmental pursuits.	6/6/2011
Initiated a water quality grant agreement with the Carol Stream Park District for a permeable paver parking lot was initiated in the amount of \$117,133.40.	6/7/2011
Initiated a water quality grant cost share resolution, in the amount of \$59,050, with DuPage County's Facilities Management Division for various best management practices, such as raingardens and bioswales, at the Child Advocacy and Neutral Exchange Center in the amount of \$59,050.	7/19/2011
Distributed questionnaires to residents living along Winfield Creek in the City of Wheaton and Village of Winfield to aid in development of revisions to the Winfield Creek Watershed Plan. In addition to identifying flooding concerns that residents may have, attention was given to problematic erosion, pollutant loading, and existing naturalized areas. In Wheaton, 16% (84 of 531) of the questionnaires sent out were completed. The rate of response was 23% (44 of 190) for Winfield residents.	10/12/2011
Recommended for funding, through the Stormwater Management Planning Committee, four (4) projects through the 2012 Water Quality Improvement Grant Program. The three recipients of funds include North Central College (\$118,880), Woodridge School District 68 (\$84,191) and Community Consolidated School District 93 (\$120,171). The improvements included the installation of pervious permeable paver parking lots in place of existing impervious asphalt parking lots, permeable paver walkways, installation of rain gardens and native filter strips, and vegetated bioswales.	3/6/2012
Through the DuPage River/Salt Creek Workgroup (DRSCW), performed bioassessment sampling throughout the East Branch DuPage River watershed. A total of thirty-eight (38) sites were sampled for water column chemistry, sediment chemistry, biological scores of fish and macroinvertebrate communities (fIBI and mIBI, respectively), and Qualitative Habitat Evaluation Index (QHEI) scores. Data are used to produce the bioassessment analysis; analyzed to identify and prioritize stormwater, wastewater, and restoration projects; and delivered to IEPA for use in the impaired waters evaluation.	3/31/2012

C.1: Storm Sewer Map Preparation

Goals

As the monitoring portion of the illicit discharge detection and elimination program begins DuPage County staff will verify the accuracy of the outfall database created during the first five years. A measurable 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

Incorporate new outfall and storm sewer information into the GIS database. Field inspectors will continue to verify the locations and attribute information of the outfalls within the GIS database.

Summary

Date

Received the most current paper version of the Village of Hinsdale's storm sewer atlas (dated 3/30/2006).

8/4/2011

Ninety-six (96) previously un-catalogued outfalls were added to the outfall database based on outfall screening monitoring that was conducted during the 2011 efforts.

3/31/2012

C.2: Regulatory Control Program

Goals

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

Review the effectiveness of the program by evaluating how well the cooperating permit holders have communicated and exchanged information. Review the IDDE ordinance and make any changes deemed necessary.

Summary

Date

Presented to Lake County Stormwater Management Commission, and associated municipalities, regarding DuPage County's Illicit Discharge Detection and Elimination Program. Attention was devoted to partnerships, costs, logistics, and monitoring details.

9/14/2011

Received copy of NOI to discharge stormwater associated with industrial activity (excluding construction activity) from QTG- Tropicana (ILR006895), located in incorporated Bloomingdale.

11/14/2011

Determined that no changes to the Illicit Discharge Detection and Elimination (IDDE) Ordinance is needed at this time. Thirty one of 32 partnering municipalities have adopted IDDE ordinances and entered into agreements with DuPage County as a full participant of Stormwater Management's IDDE program.

3/31/2012

C.3: Detection/Elimination Prioritization Plan

Goals

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

Priority outfalls will continue to be monitored.

Summary

Completed a septic system mapping pilot-project for a select area within northwest DuPage County. Produced information can be used in calculating illicit discharge risk factor values, as outlined in the DuPage County IDDE Program Technical Guidance document. Related factors include density of existing septic systems, septic to sanitary sewer conversion, and condition of sanitary sewer. The DuPage River/Salt Creek Workgroup and Illinois Environmental Protection Agency were project partners.

Date

2/29/2012

C.4: Illicit Discharge Tracing Procedures

Goals

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.

Milestone

Continue tracing any illicit discharges detected. Make recommendations as to which tracing methods have proven to be the most effective.

Summary

Completed, and incorporated into the County's IDDE plan by Stormwater Management Division staff, the DuPage County IDDE Program Technical Guidance document.

Date

3/31/2010

C.5: Illicit Source Removal Procedures

Goals

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

Continue tracing any illicit discharges detected. Review the outcome of the illicit discharges that were detected the previous year. Enforce the removal of illicit discharges.

Summary

Investigated, based on a call to the IDDE Hotline, a report of white latex paint being dumped into storm sewer inlet in from of residence in Wood Dale. The illicit discharge was identified and the matter was referred to the Village of Wood Dale staff.

Date
7/27/2011

Responded to a call regarding a portable toilet unit that had been tipped and moved into a pond in unincorporated Glen Ellyn. The pond is online along a storm sewer system that discharges into Willoway Brook. The unit had been removed from the water and returned to its correct location within the Glen Ellyn Park District property by the time of inspection.

8/1/2011

C.6: Program Evaluation and Assessment

Goals

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

Review year one of the IDDE program and report the results to the Stormwater Management Committee.

Summary

Implemented monitoring plan utilizing United States Geological Survey's National Hydrography Dataset (NHD 1:100,000 scale), as is used by Illinois Environmental Protection Agency (IEPA) for development of §303(d) impaired waters list. Monitoring plan revision was necessary because many of the areas defined as Primary DuPage County IDDE Waterways were either not discernable during dry-weather conditions or confined in pipes underground.

Date
7/21/2009

IDDE screening is now bring performed along shallow tributaries, meaning that it is more difficult to carry sampling equipment while wading long distances in a steam that is often difficult to navigate. In the past, when monitoring deeper streams, a canoe was utilized to carry equipment. Evaluation of whether additional staff can be utilized to respond to specific discharging outfalls is in progress.

3/31/2011

Reported the status of the County's Illicit Discharge Detection and Elimination (IDDE) program to the Stormwater Management Planning Committee. The report contained information regarding the mapping, monitoring, and tracing procedures, as well as an overall program assessment.

6/7/2011

C.7: Visual Dry Weather Screening

Goals

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

Continue to dry weather screen throughout the year.

Summary

Initiated 2010 dry-weather screening within Naperville and Lisle Townships.

Date

6/8/2011

Completed monitoring activities for the 2011 season. Staff located a total of 101 outfalls along sixteen (16) river miles of stream, including the following waterways; Spring Brook #2, Cress Creek, Tributary #6 (West Branch DuPage River), Tributary #7 (West Branch DuPage River), and other unnamed tributaries to the West Branch DuPage River.

7/6/2011

C.8: Pollutant Field Testing

Goals

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

Continue to test for pollutants during the dry weather survey. Review the results of the pollutant field tests and make recommendations as to what chemicals seem to pose the greatest threat within DuPage County.

Summary

Conducted field testing of outfalls when visual inspection warranted. Limitations of analysis are described under Best Management Practice C.6: Program Evaluation and Assessment.

Date

3/31/2012

D.1: Regulatory Control Program

Goals

The 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

DuPage County will continue to update the Stormwater Ordinance on a regular basis in order to keep up local and national regulations while implementing appropriate best management practices to lower quantities of pollutants from ending up in out waterways and drinking water. The County would also like to increase education and training for staff and municipalities in order to promote consistent and effective regulations throughout the County.

Summary

Included language pertaining to soil erosion and sediment control requirements in Article VII of the revised DuPage County Countywide Stormwater and Flood Plain Ordinance. The text references use of erosion control blanket, silt fence, ditch checks, sediment basins, dewatering devices, storm sewer inlets, stabilized construction entrances, stockpile control measures, The Illinois Urban Manual, Appendix E to the DuPage County Stormwater Management Plan: Performance Criteria and Technical Guidance, and the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction. Avoidance of impacts to channels, wetlands, and adjoining property and compliance with General NPDES Permit No. ILR10 are stressed, as well.

Date

3/31/2012

D.2: Erosion and Sediment Control BMPs

Goals

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

Milestone

Ensure staff has professional ability and appropriate certifications (when necessary) to review and inspect the guidelines of the BMP Manual. Continue to educate staff on the evolving regulations by offering and attending training programs and seminars.

Summary

Adoption of the Water Quality Best Management Practices Technical Guidance. The Water Quality Best Management Practices Technical Guidance, which was incorporated into Appendix E- Technical Guidance for the DuPage County Countywide Stormwater and Flood Plain Ordinance (DCCSFPO), promotes avoidance and minimization for construction activities. Due to the recent overhaul of the DCCSFPO, County staff hopes to update Appendix E in the near future, as well.

Date

3/25/2008

Received presentation by Green Organics, Inc. on compost technology as it relates to erosion and sediment control. The audience was the Municipal Engineers' Working Group.

9/8/2011

Actions pertaining to staff training opportunities are described in further detail under Best Management Practice D.6:
Site Inspection/Enforcement Procedures.

3/31/2012

D.4: Site Plan and Review Procedures

Goals

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.

Milestone

DuPage County will offer staff training opportunities where they will be able to review and learn new methods of their evolving fields.

Summary

Date

Reviewed two (2) special management area construction permit submittals on behalf of the Village of Roselle.

3/31/2012

Reviewed two (2) special management area construction permit submittals on behalf of the Village of Oak Brook.

3/31/2012

Reviewed three (3) special management area construction permit submittals on behalf of the Village of Glendale Heights.

3/31/2012

Reviewed two (2) special management area construction permit submittals on behalf of the Village of Downers Grove.

3/31/2012

Reviewed seventy (70) special management area construction permit submittals for projects located within unincorporated DuPage County, including nine (9) for Forest Preserve District of DuPage County projects and eleven (11) for DuPage County Division of Transportation projects.

3/31/2012

Reviewed one (1) special management area construction permit submittal on behalf of Wayne Township.

3/31/2012

Reviewed two (2) special management area construction permit submittals on behalf of the Village of Bensenville.

3/31/2012

Reviewed three (3) special management area construction permit submittals on behalf of the Village of Lombard.

3/31/2012

Reviewed two (2) special management area construction permit submittal on behalf of the City of Oakbrook Terrace.

3/31/2012

Reviewed one (1) special management area construction permit submittal on behalf of the Village of Burr Ridge.

3/31/2012

Reviewed twelve (12) special management area construction permit submittals on behalf of the City of Naperville.	3/31/2012
Reviewed one (1) special management area construction permit submittal on behalf of the Village of Winfield.	3/31/2012
Reviewed sixteen (16) special management area construction permit submittals on behalf of the Village of Wheaton.	3/31/2012
Reviewed three (3) special management area construction permit submittals on behalf of the Village of Westmont.	3/31/2012
Reviewed four (4) special management area construction permit submittals on behalf of the Village of Wayne.	3/31/2012
Reviewed three (3) special management area construction permit submittals on behalf of the City of Darien.	3/31/2012
Reviewed two (2) special management area construction permit submittals on behalf of the Village of Clarendon Hills.	3/31/2012
Reviewed five (5) special management area construction permit submittals on behalf of the Village of Itasca.	3/31/2012
Reviewed three (3) special management area construction permit submittals on behalf of the Village of Lisle.	3/31/2012
Reviewed seventeen (17) special management area construction permit submittals on behalf of the City of West Chicago.	3/31/2012
Reviewed two (2) special management area construction permit submittals on behalf of the Village of Bartlett.	3/31/2012
Reviewed two (2) special management area construction permit submittals on behalf of Elk Grove Village.	3/31/2012
Reviewed two (2) special management area construction permit submittals on behalf of the Village of Hinsdale.	3/31/2012
Reviewed nine (9) special management area construction permit submittals on behalf of the City of Elmhurst.	3/31/2012
Reviewed twenty-six (26) special management area construction permit submittals for projects that crossed municipal boundaries.	3/31/2012

D.5: Public Information Handling Procedures

Goals

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

Milestone

Implementation of an interactive informational Kiosk for public usage. Continue to field public concerns about proposed developments and implement their concerns in the Stormwater Permit review of the proposed development. Continue to update County website with on-going activities and policies.

Summary

Date

Submitted, to IEPA, the Notice of Intent (NOI) for General Permit to Discharge Storm Water Associated with Construction Site Activities for the Brewster Creek Headwater Watershed Drainage Improvement Project. An electronic version of the NOI was posted to DuPage County's website, as well.

6/7/2011

Submitted, to IEPA, the Notice of Intent (NOI) for General Permit to Discharge Storm Water Associated with Construction Site Activities for the DuPage County West Campus Storm Water Detention Project. An electronic version of the NOI was posted to DuPage County's website, as well.

9/15/2011

Submitted, to IEPA, the Notice of Intent (NOI) for General Permit to Discharge Storm Water Associated with Construction Site Activities for the DuPage County Division of Transportation 75th Street (Village Green Golf Course) Drainage Improvement Project. An electronic version of the NOI was posted to DuPage County's website, as well.

10/18/2011

Submitted, to IEPA, the Notice of Intent (NOI) for General Permit to Discharge Storm Water Associated with Construction Site Activities for the 75th Street, I-355 to Lyman Avenue Roadway Improvement Project. An electronic version of the NOI was posted to DuPage County's website, as well.

2/3/2012

Conducted approximately one hundred and seventy-one (171) pre-application meetings with potential permit applicants to discuss both construction and post-construction impacts and requirements associated with a project.

3/31/2012

Staffed call center to process and direct citizen complaints pertaining to construction activities and other stormwater related issues.

3/31/2012

D.6: Site Inspection/Enforcement Procedures

Goals

DuPage County has implemented the Govern program to ensure all development and projects have acquired the necessary permits.

Milestone

Ensure staff has proper qualifications to conduct site inspections with respect to sediment and erosion control. Continue to offer employee training on site inspections. Issue laptop computers to more staff members to ensure developed sites have obtained the proper permits to ensure the site is in compliance with the Stormwater Ordinance.

Summary

Date

Attendance of 'NPDES Inspections...from the Inspector's Perspective' seminar by twenty-five (25) DuPage County staff members. The following communities had staff that attended the seminar, as well: Village of Addison (4), Village of Bartlett (2), Village of Bloomingdale (4), Village of Carol Stream (3), Village of Downers Grove (4), City of Elmhurst (11), Village of Glen Ellyn (1), Village of Glendale Heights (1), Village of Hanover Park (4), Village of Hinsdale (1), Village of Lisle (3), Village of Lombard (1), City of Naperville (7), Naperville Township (1), Village of Oak Brook (1), Village of Roselle (1), City of Warrenville (1), Village of Westmont (3), City of Wheaton (4), Village of Winfield (2), and Village of Woodridge (4).

4/21/2011

Attendance, by one (1) staff member, of the International Erosion Control Association (IECA) seminar regarding current NPDES permit requirements, future regulations, and localized program examples for sediment and erosion control.

7/28/2011

Attendance of 'Managing Total Suspended Solids' seminar by four (4) DuPage County staff members. The following communities had staff that attended the seminar, as well: Village of Addison (1), Village of Bloomingdale (2), Village of Hanover Park (3), Village of Hinsdale (1), Village of Lisle (1), and Village of Roselle (1).

11/30/2011

Submitted zero Incidence of Noncompliance (ION) reports for activities pertaining to County construction projects disturbing greater than one acre.

3/31/2012

Initiated enforcement actions for thirty four (34) construction projects located within unincorporated DuPage County, as documented in the inspection database, for sediment and erosion control issues.

3/31/2012

Conducted three hundred and twenty-two (322) erosion control inspections for projects located within unincorporated DuPage County, as documented in the inspection database. Inspection is required prior to any excavation or movement of soil. Additionally, all erosion control measures indicated on approved grading plans must be in place and maintained until final grading approval.

3/31/2012

E.2: Regulatory Control Program

Goals

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

DuPage County will offer staff training opportunities where they will be able to review and learn new methods of their evolving fields.

Summary

Finalized general certifications for the following topics taking place in special management areas, making application of the revised DuPage County Countywide Stormwater and Flood Plain Ordinance more straightforward and uniform for applicants and regulators: Accessory Structures; Boardwalks; Boat Lifts and Piers; Decks; Demolition; Posts, Fencing, and Guardrails; Recreational Facilities; Shoreline and Streambank Stabilization; Sidewalks, Trails, Patios, and Driveways; Storm Sewer Outfalls and Outlet Channels; Topsoil and Sand Restoration; and Utilities.

Date

2/27/2012

Attendance, by twelve (12) County staff members, the annual Illinois Association of Floodplain and Stormwater Management (IAFSM) conference. Presentations during the various sessions included discussion on wetlands, water quality regulations, streamlined stormwater permitting processes, modeling, flood mitigation, floodplain and inundation mapping, dams and levees, and stormwater planning with the use of rainfall analysis. In addition to the presentations, the conference also included site tours of local flood mitigation projects and the O'Hare Airport expansion stormwater improvements.

3/14/2012

Involved the public during the DuPage County Countywide Stormwater and Flood Plain Ordinance overhaul, including a second public comment period during the reporting period. A forty-five (45) day public comment period from September 6, 2011 through October 20, 2011 was open for public input. Twenty (20) sources of written comments were submitted to the County. The final draft of the revised Stormwater Ordinance document was approved by DuPage County Board on April 24, 2012. The final version of the Ordinance went into effect on April 25, 2012.

3/31/2012

Engaged in an overhaul of the DuPage County Countywide Stormwater and Flood Plain Ordinance. Throughout the reporting period, various drafts and discussions took place within a Steering Committee, the Municipal Engineers' Meeting Group, and the Stormwater Management Planning Committee. The intent of the Ordinance revisions were to provide a regulatory framework to better meet local, state, and federal stormwater regulations, while improving the requirements for new development, re-development, and existing development: Economic competitiveness was sustained, while preserving flood control, environmental, and water quality protections in DuPage County. Some of the highlights of the revised Ordinance include: an alternate method to review and approve applications for permits by reducing submittal requirements under special circumstances through General Certifications and Letters of Permission; the inclusion of a threshold for providing stormwater detention was changed from a zoning based system to a system that recognizes the change in impervious areas over time; volume control requirements on development sites to promote runoff reduction, groundwater recharge, and water quality; a limitation on flood plain modeling regulations, when deemed unnecessary, to reduce submittal requirements; adjustment of flood plain regulations to allow for additional types of development within the flood plain; consolidation of requirements for riparian mitigation into wetland buffer requirements; and amendment of the threshold for post construction BMPs to correlate directly with changes in impervious areas on development sites.

3/31/2012

E.3: Long Term O&M Procedures

Goals

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

Continue to enforce the Stormwater Ordinance.

Summary

Date

Awarded contracts for the purpose of specialized management of prairie and wetland vegetation at various County facilities. Such services include herbicide application, prescribed burning, planting, mowing and other services for a variety of projects.

7/26/2011

Controlled invasive vegetation, through selective herbiciding and mowing, along the face of the Fawell Dam.

9/1/2011

Managed against invasive vegetation at the Wayne Oaks Dam Basin in the Village of Carol Stream. Selective herbiciding occurred.

9/1/2011

Managed against invasive vegetation at the Gary-Kehoe Reservoir Basin in the Village of Carol Stream. Selective herbiciding and mowing occurred.

9/1/2011

Received sign-off of completion from the Army Corps of Engineers for the Tenspring Farm/Spring Hill Farm Riparian Enhancement Plan wetland mitigation, which served as mitigation for the Fawell Dam Modification Project. The terms and conditions of the permit were achieved.

3/1/2012

Controlled invasive vegetation at the Crest Road Basin in the City of Darien through use of a prescribed burn. Herbiciding of invasive species took place in 6/2011 and 8/2011, as well.	3/22/2012
Conducted water quality monitoring at the Springbrook Prairie Wetland Mitigation Project four (4) times during the reporting period. Monitoring samples were taken four locations throughout the wetland to determine concentrations for total suspended solids, phosphorus, nitrogen, chlorine, and oxygen demand. Herbicide was selectively applied throughout the wetland in August, September, and October, while a controlled burn took place on two dates in March (3/15/12 and 3/19/12).	3/31/2012
Managed against invasive vegetation at the Country Lakes Basin in the City of Naperville through a variety of measures: selective herbiciding and mowing (7/2011); selective herbiciding (8/2011); and controlled burning (11/2011).	3/31/2012
Conducted water quality monitoring at the Vernal Pools (dissolved oxygen, pH, and temperature) and Deep Overwintering Pool (dissolved oxygen, pH, temperature, salinity, conductivity, turbidity, free and total chlorine, total phosphorus, alkalinity, and ammonia) sites within the Blackwell Forest Preserve on the following dates: 4/19/2011, 5/26/2011, 6/21/2011, 7/18/2011, 8/22/2011, 9/18/2011, and 10/24/2011. The area surrounding the Vernal Pools was burned on 4/5/2011, followed by plugging and reseeded in Spring 2011. Sampling of zooplankton communities was performed at both sites in May 2011, while macroinvertebrate and fish surveys were performed at the Deep Overwintering Pool in May 2011 and September 2011, respectively. These projects are designed to provide habitat for aquatic species along the West Branch DuPage River.	3/31/2012

E.4: Pre-construction Review of BMP Designs

Goals

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

DuPage County will offer staff training opportunities to municipalities and consultants in the review and design of permanent BMPs. Continue to enforce the new Stormwater Ordinance provisions.

Summary

	<i>Date</i>
Reviewed one hundred and nineteen (119) permit reviews for incorporated DuPage County in response to municipal requests, of which fifty-six (56) permits were issued and certified for permit approval.	3/31/2012
Reviewed fifty (50) permit submittals for unincorporated DuPage County, of which seventeen (25) permits were issued and certified for permit approval.	3/31/2012

E.5: Site Inspections During Construction

Goals

During this five-year permit phase, 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.

Milestone

Continue to conduct regular site inspections during construction. Conduct staff training on recognizing inappropriate discharge from a construction site.

Summary

Inspection of post construction runoff controls during the construction phase are inspected as a result of complaints or at the discretion of the stormwater permit reviewer. Permitting staff will check the construction sites for consistency with their stormwater permit design submittal and Stormwater Pollution Prevention Plan, which includes a sediment erosion control plan.

Date

3/31/2012

E.6: Post Construction Inspections

Goals

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

Continue to offer employee training on site inspections.

Summary

Attendance of 'NPDES Inspections...from the Inspector's Perspective' seminar by twenty-five (25) DuPage County staff members held in the County Administration auditorium building. Overall 159 people attended the seminar. Presentation topics included a regulatory update of stormwater requirements, NPDES site inspections and implementation, Understanding the Illinois Urban Manual and recent changes to it, and using technology to manage the MS4 NPDES permit. The following communities had staff that attended the seminar, as well: Village of Addison (4), Village of Bartlett (2), Village of Bloomingdale (4), Village of Carol Stream (3), Village of Downers Grove (4), City of Elmhurst (11), Village of Glen Ellyn (1), Village of Glendale Heights (1), Village of Hanover Park (4), Village of Hinsdale (1), Village of Lisle (3), Village of Lombard (1), City of Naperville (7), Naperville Township (1), Village of Oak Brook (1), Village of Roselle (1), City of Warrenville (1), Village of Westmont (3), City of Wheaton (4), Village of Winfield (2), and Village of Woodridge (4).

Date

4/21/2011

Inspected seven (7) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Itasca. Inspected one (1) wetland mitigation site, as well.

3/31/2012

Conducted one (1) special management area violation inspection including either wetlands, wetland buffer, or floodplain for the City of Wood Dale.	3/31/2012
Inspected two (2) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Winfield. Inspected one (1) wetland mitigation site, as well.	3/31/2012
Inspected five (5) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Lombard. Conducted one (1) special management area violation inspection including either wetlands, wetland buffer, or floodplain.	3/31/2012
Inspected four (4) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Westmont. Inspected two (2) wetland mitigation sites, as well.	3/31/2012
Conducted one (1) special management area violation inspection including either wetlands, wetland buffer, or floodplain for the City of Aurora.	3/31/2012
Inspected three (3) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Wayne.	3/31/2012
Inspected four (4) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the City of Warrenville. Inspected one (1) wetland mitigation site, as well.	3/31/2012
Inspected one (1) wetland buffer and riparian enhancement site, after construction of the project was complete, for the Village of Roselle.	3/31/2012
Inspected seven (7) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Woodridge. Inspected one (1) wetland mitigation site, as well.	3/31/2012
Inspected six (6) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Bensenville. Inspected two (2) wetland mitigation sites, as well.	3/31/2012
Inspected six (6) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the City of Wheaton. Inspected one (1) wetland mitigation site, as well.	3/31/2012
Inspected twenty-seven (27) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the City of Naperville. Inspected two (2) wetland mitigation sites, as well as conducted one (1) special management area violation inspections including either wetlands, wetland buffer, or floodplain.	3/31/2012
Inspected three (3) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Villa Park.	3/31/2012
Inspected three (3) wetland buffer and riparian enhancement sites, after construction of the project was complete, at various Countywide locations.	3/31/2012

Inspected one (1) wetland buffer and riparian enhancement site, after construction of the project was complete, for Wayne Township.	3/31/2012
Inspected ten (10) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Lisle.	3/31/2012
Inspected nine (9) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the City of Elmhurst.	3/31/2012
Inspected six (6) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Glendale Heights.	3/31/2012
Inspected eighty-two (82) wetland buffer and riparian enhancement sites, after construction was complete, for unincorporated DuPage County, including eleven (11) DuPage County Division of Transportation projects, one (1) DuPage County Division of Public Works projects, and eight (8) Forest Preserve District of DuPage County projects. Inspected ten (10) wetland mitigation sites located in unincorporated DuPage County, including six (6) located on Forest Preserve District of DuPage County property, as well as conducted six (6) special management area violation inspections including either wetlands, wetland buffer, or floodplain.	3/31/2012
Inspected one (1) wetland buffer and riparian enhancement site, after construction of the project was complete, for Elk Grove Village. Inspected one (1) wetland mitigation site, as well.	3/31/2012
Inspected two (2) wetland buffer and riparian enhancement sites, after construction of the project was complete, in the City of Darien. Conducted two (2) special management area violation inspections including either wetlands, wetland buffer, or floodplain.	3/31/2012
Inspected one (1) wetland buffer and riparian enhancement site, after construction of the project was complete, for the City of Oakbrook Terrace.	3/31/2012
Inspected eight (8) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Burr Ridge. Inspected one (1) wetland mitigation site, as well as conducted one (1) special management area violation inspection including either wetlands, wetland buffer, or floodplain.	3/31/2012
Inspected two (2) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Bartlett. Inspected two (2) wetland mitigation sites, as well.	3/31/2012
Conducted one (1) special management area violation inspections including either wetlands, wetland buffer, or floodplain for the Village of Bloomingdale.	3/31/2012
Inspected one (1) wetland buffer and riparian enhancement site, after construction of the project was complete, for the Village of Clarendon Hills.	3/31/2012
Inspected one (1) wetland buffer and riparian enhancement site, after construction of the project was complete, for the Village of Carol Stream.	3/31/2012

Inspected one (1) wetland buffer and riparian enhancement site, after construction of the project was complete, for the Village of Hinsdale.	3/31/2012
Inspected nineteen (19) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the City of West Chicago. Inspected two (2) wetland mitigation sites, as well as conducted eight (8) special management area violation inspections including either wetlands, wetland buffer, or floodplain.	3/31/2012
Inspected one (1) wetland buffer and riparian enhancement site, after construction of the project was complete, for Downers Grove Township.	3/31/2012

F.1: Employee Training Program

Goals

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

Continue organizing training sessions, develop procedures and decide appropriate personnel to attend. Notify appropriate personnel of training sessions as well as posting information in other visible locations such as the County intranet site and facilities' bulletin boards.

<i>Summary</i>	<i>Date</i>
Attendance, by two (2) Environmental Technicians, of a brown bag luncheon hosted by the Upper Desplaines River Ecosystem Partnership on the general use, benefits, and challenges associated with rain gardens and bioswales.	5/5/2011
Attendance by four (4) Division of Public Works staff members at a two-day American Public Works Association (APWA) exposition and conference in the Village of Schaumburg.	5/25/2011
Attendance by the Deputy Director of the Division of Public Works at the International Erosion Control Association (IECA) workshop in the City of Chicago.	7/28/2011
Attendance by two (2) Chemists at the Midwest Water Analysts Association (MWAA) meeting in Brookfield, Wisconsin.	9/30/2011
Attendance by eight (8) Division of Transportation staff members at the DuPage River/Salt Creek Workgroup chloride reduction public road deicing workshop, held in the City of Wheaton. The presentations included topics on chlorides and the overall river environment in northeast Illinois; NPDES permitting and chlorides; local regulations; deicing operations and sustainability; reinventing old equipment; and the successful use of liquids. The seminar concluded with a truck exhibition on various types of equipment.	10/12/2011
Attendance by one (1) Chemist from Division of Public Works at the Illinois Water Environment Association (IWEA) 'Government Affairs Seminar on NPDES Issues' in the Village of Willowbrook.	1/20/2012

Completion of the two-day 'IDOT Communicating through Colors' workshop by one (1) Division of Public Works staff member. The workshop involved the identification of personality styles of supervisors, peers, and/or subordinates to improve communication in the workplace by recognizing people's strengths, building rapport, and enhancing the ability to understand how others process information.	2/14/2012
Attendance by four (4) Division of Public Works staff at the Construction and Safety Exposition in the Village of Oak Brook.	3/14/2012
Attendance by three (3) Division of Public Works staff members at the four-day Illinois Section Water Works Association Conference in Springfield, Illinois.	3/19/2012
Viewing, by four (4) Stormwater Management Division staff members, of a USEPA webinar on the 'History and Evolution of the Clean Water Act' in recognition of the Clean Water Act fortieth anniversary and its contributions to water quality protection.	3/21/2012
Attendance by four (4) DuPage County employees at the WaterCon 2012 Water and Wastewater Conference in Springfield, IL. The conference presented potable water, wastewater, and stormwater issues to its attendees through more than 200 technical presentations, posters, and exhibits. The conference was hosted by the Illinois Section American Water Works Association and the Illinois Water Environment Association.	3/22/2012
Attendance, by one (1) Division of Public Works staff member, at ESRI's 'Extend the Reach of Your GIS' half-day seminar so that storm sewer mapping and outreach efforts can be more effective.	11/3/2012

F.2: Inspection and Maintenance Program

Goals

Develop and implement an operation and maintenance program to prevent or reduce pollutant runoff from municipal operations to the storm sewer system.

Milestone

Public Works Drainage Division will implement a long-term routine preventative maintenance program to maintain and inspect the Unincorporated MS4 systems based on the prioritization analysis and schedule from the previous year.

Develop spill prevention and control plans for municipal facilities to prevent the release of hazardous materials from entering the storm sewer system. County facilities will submit record keeping of pollution prevention and good housekeeping activities for annual reporting. Continue Stream Maintenance program.

Summary

Replaced asphalt parking lot with permeable pavers over a period of four days at the DuPage County Division of Transportation maintenance yard. The 0.23 acre permeable parking lot will provide parking spaces for twenty or more vehicles, as well as a pervious stormwater detention storage area. The permeable paver parking lot will aid in improving the water quality in Winfield Creek, situated adjacent to the yard, by filtering pollutants from vehicles and other equipment, as well as reducing stormwater runoff. The use of the pavers in place of asphalt will also reduce the amount of chlorides needed during the winter and the use of a coal tar-based sealant which contains polycyclic aromatic hydrocarbons, identifiable carcinogenic substances.

Date

4/15/2011

Partially funded the 20th annual DuPage River Sweep clean up event, coordinated by The Conservation Foundation. Six hundred twenty-two (622) volunteers, including two hundred and five (205) students and six (6) County employees, participated in the clean up activities across twenty (20) communities. Activities include volunteers removing trash, debris, and tires along the rivers and streambank, as well as removal of invasive vegetation such as buckthorn and garlic mustard. 9.25 tons of trash were collected and four (4) acres of land was restored. Items collected include \$60, 14 tires, metal posts, a bar stool, rusted bike pieces, a large truck head light, a large event wash basin, a play room door, a traffic pylon, wire fencing, three (3) ten-inch pipes, a large roll of plastic sheeting, landscaping and construction debris, 30 plastic race ducks, whipped cream cans, a broken pitchfork, plastic bags and bottles, a tire and rim, plastic food containers, a sump pump with a two-foot piece of pipe, a sheet of aluminum, a bridge closed sign, an industrial size roll of bubble wrap, a metal garbage can, a plastic sled, a computer monitor frame, a duffle bag, shovels, toys, food wrappers, a tricycle, an eggshell mattress, lawn furniture, a shopping cart, a vending machine, a couch, a water sampling cup, and a large plastic pot.	5/21/2011
On behalf of the City of West Chicago, removed approximately twenty (20) cubic yards of timber debris accumulated along Kress Creek.	6/2/2011
On behalf of the City of Naperville, removed approximately fifty (50) cubic yards of timber debris accumulated along West Branch DuPage River.	7/1/2011
Initiated, for a period of three days, operation of the flood control facilities along Salt Creek. The sluice gate at the diversion structure at the Elmhurst Quarry along Salt Creek was operated on early Saturday July 23 morning as a result of the rising water levels at Harger Road approaching critical elevations. Operation of the Quarry provided approximately 3,000 acre-ft of stormwater storage. The operation of the Quarry reduced flood impacts of several residential communities in the Cities of Elmhurst and Oakbrook Terrace and Villages of Villa Park and Oak Brook. The Wood Dale-Itasca Flood Control Facility was also operated on the morning of July 23. These gates remained opened until the evening of Sunday, July 24. In addition to these flood control facilities, the Spring Creek Reservoir operated during the event reducing flood impacts to the communities within the Salt Creek Watershed.	7/23/2011
Initiated, for a period of three days, operation of flood control facilities along the West Branch DuPage River during heavy storms. The floodgates at Fawell Dam were lowered to the 4-foot opening on the morning of July 23. The elevation of the river continued to rise throughout the day on the 23rd and into the 24th, peaking in the early afternoon on July 24. Fawell Dam operations remained at the Phase I level of its operation plan.	7/23/2011
On behalf of the Village of Lisle, removed approximately twenty (20) cubic yards of timber debris accumulated along East Branch DuPage River.	8/5/2011
On behalf of the Village of Woodridge, removed approximately fifty-five (55) cubic yards of timber debris accumulated along East Branch DuPage River.	8/15/2011
Distributed twenty (20) leaf bags and twenty (20) rakes to each of the nine township offices within DuPage County. The bags and rakes are utilized in the Maintain the Drain Program.	9/1/2011
On behalf of the City of Wheaton, removed approximately sixty (60) cubic yards of timber debris accumulated along Spring Brook #1.	10/10/2011

Incorporated native plant landscaping into the Weeks Park Residential Drainage Improvement Project, which involved the installation of 2,428 linear feet of reshaping and regrading of a ditch to improve existing drainage capabilities at Geneva Road and Morse Street in Milton Township. Native plants were installed along the banks and the bottom of the trench, which includes a twenty foot easement. The various seed mixes utilized are classified as IDOT Class 4A low profile native grass seed mix, IDOT Class 4B wetland grass and sedge mix, and IDOT Class 5A large flower native forb mix. In addition, three years of maintenance and monitoring will be conducted after the project is completed.	10/17/2011
On behalf of the Village of Hinsdale, removed approximately fifty (50) cubic yards of timber debris accumulated along Salt Creek.	11/3/2011
Initiated the Whiskey Creek Drainage Project, which included restoration of a drainage channel and installation of protective fencing. The total acreage for this project is 1.5 acres. Three years of maintenance bond and performance standards for restoration were included, as well.	11/3/2011
On behalf of the Village of Darien, removed approximately twenty (20) cubic yards of timber debris accumulated along Wards Creek.	11/14/2011
On behalf of the City of Warrenville, removed approximately twenty (20) cubic yards of timber debris accumulated along West Branch DuPage River.	11/27/2011
On behalf of the Village of Lisle, removed approximately fifteen (15) cubic yards of timber debris accumulated along St. Joseph Creek.	11/27/2011
On behalf of the Village of Woodridge, removed approximately sixty-five (65) cubic yards of timber debris accumulated along Crabtree Creek.	11/28/2011
On behalf of the Village of Winfield, removed approximately fifteen (15) cubic yards of timber debris accumulated along West Branch DuPage River.	11/29/2011
On behalf of the Village of Wood Dale, removed approximately twenty (20) cubic yards of timber debris accumulated along Salt Creek.	2/7/2012
Utilized 12,000 tons of salt during the 2011-2012 winter season, which included eighteen (18) individual storm events. DuPage County has reduced salt usage by an average of 8,000 tons a year for the past four winters by incorporating and implementing the use of alternative deicing products, such as Ecosalt (a pre-treated small granular salt that is 80 percent less corrosive than salt); Geomelt (a sugar beet based organic accelerator used to pre-treat the County's salt stock pile); Geomelt K (a non-chloride liquid used in parking garages); and Super Mix 217 (a liquid-blended product used in place of calcium chloride).	3/31/2012
Utilized a new SNI Solutions environmentally friendly product during the 2011/2012 winter season: 'BIOMELT S7' is an anti-icing/deicing fluid without any calcium chloride. 1,000 gallons of the BIOMELT S7 anti-icing fluid was applied throughout the County complex along the doorways, walkways, and sidewalks. BIOMELT S7 is an agricultural corn and soybean based fluid used for prewetting, anti-icing, and deicing practices. BIOMELT S7 is advertised to reduce salt application rates by thirty percent; however, the efficiency of this new product is still being evaluated by the Division of Transportation.	3/31/2012

Continued involvement, by two County staff members, with the DuPage River Salt Creek Workgroup Chloride Committee. The Chloride Committee meets quarterly to discuss the development of educational materials, including a parking lot deicing salt application rate guidance document and a chloride education and reduction program deicing survey; promote alternatives to conventional roadway deicing practices; and guide the implementation of those alternatives. The Committee has been well received by the community for their efforts in promoting chloride reduction best management practices.	3/31/2012
Continued pollution prevention practices, such as the use of concrete walls with tresses for the two salt dome containment areas at Division of Transportation's maintenance facility and oil and grit separators close to the gasoline pumps and garages within DuPage County grounds and facilities.	3/31/2012
Performance of annual inspections of all installed Division of Public Works drainage projects. Continued to utilize the Drainage System Inventory Maintenance Manual and Access database for the performance and tracking of maintenance and monitoring activities for drainage projects.	3/31/2012
On behalf of the DuPage County Division of Public Works, removed approximately four hundred and three (403) cubic yards of timber debris accumulated along the following streams; Glen Crest Creek, Klein Creek, Partridge Creek, Sawmill Creek, Sugar Creek, Tributary #7 (EBDR), West Branch DuPage River, and Winfield Creek.	3/31/2012
Utilized 23,000 gallons of liquids to treat DuPage County roadways during snow and icy conditions. The 23,000 gallons of liquid were composed of 10,000 gallons of organic beet juice to treat the salt for increased snow melt and roadway adhesiveness and 13,000 gallons of Supermix 217 to treat the roads, bridges, and curbs for anti-icing. An anti-corrosive agent was added to the 10,000 gallons of beet juice to reduce the corrosive effects on vehicles and infrastructure, such as bridges, during snow and ice removal operations. DuPage County has continued to share Supermix anti-icing pre-treatment solutions with various townships, such as Milton, Winfield, Naperville, and York Townships.	3/31/2012
Continued cleaning out of catch basins along County roads based on the amount of traffic volume and road debris as part of the Division of Transportation's regular roadway maintenance operations. The Division currently has four maintenance operation trucks, which includes three (3) street sweepers and one (1) vactor truck.	3/31/2012

F.4: Municipal Operations and Waste Disposal

Goals

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

Complete the construction of a vector waste receiving dump station at the Woodridge Greene Valley Waste Water Treatment Facility to treat suspended solids and collect the leachate from the waste by-products to prevent the polluted runoff from going into the streams pending any engineering limitations and delays. The silt and the dried suspended solids from the dump station will be transported to a landfill. County facilities will submit record keeping of pollution prevention and good housekeeping activities for annual reporting.

Summary

Date

Collected old gym shoes, over a one-month period, for the Nike Reuse a Shoe Project. A total of five hundred and seventy-three (573) pairs of gym shoes were collected to be converted into playground surfaces and sporting equipment. Collection programs, such as this one, help to change the attitude of consumers to seek a reuse for products, rather than discarding them into the waste stream, which sometimes terminates in local storm sewers and waterways.

5/19/2011

Collected 1,618,026 pounds of electronics in 2011 through the County's various Electronic Recycling Programs of which 2,514 pounds of electronics were recycled.

6/24/2011

Partnered with the Village of Carol Stream to implement an apartment recycling pilot program to increase commercial recycling at the Greenway Apartments, where 300 residents participated in the program. The pilot program provided each unit with one recycling bin and education on how to recycle properly through educational handouts and ongoing recycling tips. The County is proposing to expand the program in the future to include two additional apartment complexes in Carol Stream as a result of the success at Greenway Apartments.

8/1/2011

Recognized by Governor Quinn with an Environmental Sustainability Award for a commitment to environmental sustainability practices. DuPage County is the first county to receive this award for its implementation of pollution and waste reductions, energy efficiency upgrades, reduced fuel consumption, environmental and conservation protection, and promotion of other sustainability improvements.

10/27/2011

Finalized the latest update to the DuPage County Recycling Guide, which identifies appropriate materials and locations for recycling. DuPage County is working on converting the document to a more user friendly, electronic document that also offers a GIS-based mapping application selectable by type of recyclable material.

11/3/2011

Constructed a Compressed Natural Gas (CNG) vehicle pump station, used to fuel the County's fleet of eleven (11) compressed natural gas vehicles. Compressed natural gas is an environmentally friendly source of fuel, which produces less carbon dioxide providing cleaner air, which in turn will evaporate and condense into less acidic rain water, thereby minimizing impact to natural habitats, aquatic species, and the streams. Additionally, the risk of fuel leaks into waterways is minimized.

2/24/2012

Collected 43,550 gallons of household hazardous waste at the regional household hazardous waste collection site in the City of Naperville. DuPage County contributes funding to the drop-off facility, which collects items such as household cleaners, oil-based paints, solvents, insecticides, herbicides, automotive fluids, fluorescent fixtures, household batteries, mercury, and unwanted medicines.	2/28/2012
Received the Illinois Environmental Protection Agency's Green Fleet designation for their use of alternative fuel vehicles. Currently, 43% of County vehicles use alternative fuel including biodiesel (108), E-85 flex fuel (80), electric (1), compressed natural gas (11), bi-fuel (4), and hybrid (12). Additionally, existing diesel trucks have been retrofit with cleaner technology alternatives. These environmentally friendly sources of fuel, which produce less carbon dioxide providing cleaner air, which in turn will evaporate and condense into less acidic rain water, thereby minimizing impact to natural habitats, aquatic species, and the streams. Additionally, the risk of fuel leaks into waterways is minimized.	3/1/2012
Operated thirty-six (36) collection days for the DuPage County Latex Paint Recycling Program at which 3,195 gallons of latex paint were collected (43% of that paint was recycled). Eighty-seven (87) participants picked up recycled paint, which totaled 1,380 gallons distributed for reuse.	3/31/2012
Collected 10,285 pounds of medications through the RXBox Medication Disposal Program. The thirteen (13) drop off sites, which included the DuPage County Sheriff and Health Departments, accept unused and expired prescriptions and over the counter medications. Asthma inhalers and glass, mercury thermometers were also accepted.	3/31/2012
Accounted 1,632 tons of business waste recycled through DuPage County's Commercial Recycling Program.	3/31/2012

F.5: Flood Management/Assess Guidelines

Goals

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

Adoption of the Spring Brook No. 1 Watershed Plan. Adoption of the St. Joseph Creek Watershed Plan. Adoption of the Best Management Practices Guidance Manual along with the ordinance revisions that are associated with this document. Review and revise, as needed, Appendix F and other related appendices. Complete Phase II of the River Dumoulin Project. Construct the Marion Hills/75th Street Basin Project. Complete the installation of the Country Lakes Golf Course storm inlet to the new storm sewer system. Implement the recommendations in the Springbrook Creek Watershed Plan. Execute contract that will provide for vegetative maintenance and enhancements at many of the County's existing flood control facilities. Construct the Busse Woods Dam Modifications Project. Construct the other NOAA projects. Construct the Huffman Street project in the Steeple Run Watershed. Randomly audit non-waiver, partial-waiver and complete waiver communities again in DuPage County for compliance with Appendix F. Salt Creek mainstem and its tributaries including Ginger, Sugar, Oak Brook Tributary, Bronswood Cemetery Tributary, Westwood Creek and Spring Brook. Steeple Run Tributary. Sawmill Creek Tributary. Kress Creek Tributary. Spring Brook No. 1 Tributary. Armitage Creek Tributary. Corrected and updated DFIRM maps will be approved and adopted by FEMA.

Summary

Date

Approval of the Springbrook Watershed Addendum to the Spring Brook Tributary to the Salt Creek Watershed Plan by the Stormwater Management Planning Committee. A 30-day public comment period took place from March 7 through April 5. A public information meeting was held at the Bloomingdale Village Hall on March 22, 2011.

5/10/2011

Commenced installation of wetland plants along the East Branch DuPage River at the Churchill Woods Forest Preserve. Construction activities associated with the Churchill Woods Dam Modification Project, including dam modification and riffle installation, had been completed in March 2011. Monitoring of the plantings will continue for a period of three to five years; changes in stream water chemistry, fish, and macroinvertebrate communities will also be monitored.

5/15/2011

Engaged in modification of the Warrenville Grove Dam, which was completed over a ten-day period. The project, taking place at the Warrenville Grove Forest Preserve, was initiated to address depressed dissolved oxygen concentrations within portions of the West Branch DuPage River, as well as improve localized flora and fauna habitat. The area upstream of the dam was restored with selective clearing of woody vegetation, while a majority of the wetlands were planted, as well. Changes in water column chemistry and fish and macroinvertebrate communities will be monitored.

9/1/2011

Received Permit for Occupancy for the Urban Stream Research Center (USRC) building, which is located at the Blackwell Forest Preserve. The general purpose of the USRC is to increase there diversity of freshwater mussels and non-game fish species that are declining in population in the West Branch DuPage River, evaluate the success and impacts of ongoing habitat restoration and remediation projects along the river, improve the success of urban aquatic habitat restoration, and provide educational components for the public. DuPage County incorporated stormwater best management practices into the design of the USRC: A rain garden and permeable pavers were installed on the grounds, which also include educational signage and exhibits demonstrating how these reduce impacts of stormwater runoff from the site.

11/7/2011

Submittal of eleven (11) revised watershed floodplain maps to the Illinois Department of Natural Resources (IDNR) for review for Federal Emergency Management Agency (FEMA) approval as part of the FEMA grant floodplain remapping project. The redelineated, updated floodplain maps produced include those along the following streams: Salt Creek , Devon Avenue Tributary, Westwood Creek, Ginger Creek, Sugar Creek, Oak Brook Tributary, Glencrest Creek, Tributary #2, Springbrook No. 1, Sawmill Creek, and Wards Creek.

3/1/2012

Incorporated native features into the design of several upcoming flood control projects. A constructed wetland is the key feature along Brewster Creek in the Village of Bartlett, while a project along Klein Creek in the Village of Carol Stream includes native vegetation in the overflow basin and at the outlet structure.

3/31/2012

Incorporated water quality components into the overall flood control project for the West Branch DuPage River. The proposed water quality enhancements along the lower West Branch DuPage River include streambank stabilization, wetland creation and restoration, and habitat enhancement. In addition, the existing storm sewer outlets will be retrofitted to prevent erosion and scouring. DuPage County is partnering up with the Forest Preserve District of DuPage County and other entities for the project, which extends from the former site of the Warrenville Grove Dam to the McDowell Grove Forest Preserve in efforts to provide water quality, fish habitat, and riparian improvements in the West Branch DuPage River.

3/31/2012

Annual Facility Inspection Report - Section C

Year 9 of NPDES Permit No. ILR400502

DuPage County, 2nd Notice of Intent (Year 3)

DuPage County, along with the 40 cooperating permit holders listed in the cover letter, has collected a substantial amount of information, including monitoring data, during the reporting period. Such data can be viewed online at the following locations:

Bioassessment data, including chemical, fish, macroinvertebrate, and habitat information, can be found at the DuPage River/Salt Creek Workgroup website- www.drscw.org.

Data associated with the continuous ambient monitoring efforts, utilizing sondes, at twelve locations along West Branch DuPage River, East Branch DuPage River, and Salt Creek can be found at the DuPage River/Salt Creek Workgroup website- www.drscw.org.

Collected data at the Deep Overwinter Pool and Vernal Pools projects sites can be found in the annual monitoring report for each project. These are published on DuPage County's website- www.dupageco.org/EDP/Stormwater_Management/1197.

Annual Facility Inspection Report - Section D

Year 9 of NPDES Permit No. ILR400502

DuPage County, 2nd Notice of Intent (Year 3)

BMP A.1: Distribution of Paper Material

Year 4 Develop water quality information to fit the needs of the Stormwater Management Program. Update stream maintenance program brochure. Create County fact sheet and produce quarterly issues of Currents. Continue to update and review water quality information as necessary.

BMP A.2: Speaking Engagement

Year 4 Continue support of County funded groups. Encourage staff participation in speaking engagement opportunities.

BMP A.3: Public Service Announcement

Year 4 Continue to update and air County public service announcements.

BMP A.4: Community Event

Year 4 Continue community events, review and update materials and events as needed.

BMP A.5: Classroom Education Material

Year 4 Continue the development of education materials, and sponsorship of environmental clubs. Review and update classroom education materials as necessary.

BMP A.6: Other Public Education

Year 4 Continue to review and update public education information.

BMP ***B.1: Public Panel***

Year 4 Review and update public panel information.

BMP ***B.3: Stakeholder Meeting***

Year 4 Continue support of the Municipal Engineers and Water Quality Stakeholders Groups.

BMP ***B.4: Public Hearing***

Year 4 Continue to implement updates and review all amendments to appendices of the Stormwater Management Plan. Hold Public hearings as necessary for any ordinance change, watershed plan, or variance.

BMP ***B.5: Volunteer Monitoring***

Year 4 Continue support for volunteer monitoring opportunities.

BMP ***B.6: Program Coordination***

Year 4 Review and update programs as necessary.

BMP ***B.7: Other Public Involvement***

Year 4 Continue support for programs while also reviewing potential public involvement programs and their feasibility.

BMP ***C.1: Storm Sewer Map Preparation***

Year 4 Incorporate new outfall and storm sewer information into the GIS database.
Field inspectors will continue to verify the locations and attribute information of the outfalls within the GIS database.

BMP ***C.2: Regulatory Control Program***

Year 4 Review the effectiveness of the program by evaluating how well the cooperating permit holders have communicated and exchanged information.

BMP ***C.3: Detection/Elimination Prioritization Plan***

Year 4 A review of the results from the first three years of monitoring will be done. The procedures that were laid out for prioritization will be repeated on all outfalls that have been added to the outfall database since the last prioritization plan was developed.

BMP ***C.4: Illicit Discharge Tracing Procedures***

Year 4 Continue tracing any illicit discharges detected. Make recommendations as to which tracing methods have proven to be the most effective.

BMP ***C.5: Illicit Source Removal Procedures***

Year 4 Continue tracing any illicit discharges detected. Review the outcome of the illicit discharges that were detected the previous year. Enforce the removal of illicit discharges.

BMP ***C.6: Program Evaluation and Assessment***

Year 4 Review year one of the IDDE program and report the results to the Stormwater Management Committee.

BMP ***C.7: Visual Dry Weather Screening***

Year 4 Continue to dry weather screen throughout the year.

BMP ***C.8: Pollutant Field Testing***

Year 4 Continue to test for pollutants during the dry weather survey. Test for additional chemicals if the program review warrants such action.

BMP ***D.1: Regulatory Control Program***

Year 4 DuPage County will continue to update the Stormwater Ordinance on a regular basis in order to keep up local and national regulations while implementing appropriate best management practices to lower quantities of pollutants from ending up in out waterways and drinking water. The County would also like to increase education and training for staff and municipalities in order to promote consistent and effective regulations throughout the County.

BMP ***D.2: Erosion and Sediment Control BMPs***

Year 4 Continue to educate staff on the evolving regulations by offering and attending training programs and seminars.

BMP ***D.4: Site Plan and Review Procedures***

Year 4 DuPage County will offer staff training opportunities where they will be able to review and learn new methods of their evolving fields.

BMP ***D.5: Public Information Handling Procedures***

Year 4 Continue to field public concerns about proposed developments and implement their concerns in the Stormwater Permit review of the proposed development. Continue to update County website with on-going activities and policies.

BMP ***D.6: Site Inspection/Enforcement Procedures***

Year 4 Ensure staff has proper qualifications to conduct site inspections with respect to sediment and erosion control. Continue to offer employee training on site inspections.

BMP ***E.2: Regulatory Control Program***

Year 4 DuPage County will offer staff training opportunities where they will be able to review and learn new methods of their evolving fields.

BMP ***E.3: Long Term O&M Procedures***

Year 4 Continue to enforce the Stormwater Ordinance.

BMP ***E.4: Pre-construction Review of BMP Designs***

Year 4 DuPage County will offer staff training opportunities to municipalities and consultants in the review and design of permanent BMPs. Continue to enforce the new Stormwater Ordinance provisions.

BMP ***E.5: Site Inspections During Construction***

Year 4 Continue to conduct regular site inspections during construction. Conduct staff training on recognizing inappropriate discharge from a construction site.

BMP ***E.6: Post Construction Inspections***

Year 4 Continue to offer employee training on site inspections.

BMP ***F.1: Employee Training Program***

Year 4 Conduct additional pollution prevention employee training session, targeting those that were unable able to attend the previous session and new hires. Post a power point presentation of the training on the County's website. Record attendees and ask them to complete a session evaluation as well as submit suggestions for program improvements. Collect records of employee training conducted in-house and encourage them to document any other methods of on-going training within their facility.

BMP ***F.2: Inspection and Maintenance Program***

Year 4 Institute a chemical application-training program on the proper handling and application of landscaping materials to train lawn and roadside maintenance employees. Provide facilities with revised procedures and guidelines, if needed. County facilities will submit records of pollution prevention and good housekeeping activities for annual reporting. Continue Stream Maintenance program.

BMP ***F.4: Municipal Operations and Waste Disposal***

Year 4 Evaluate the procedures implemented for proper waste disposal practices by DuDOT and Public Works. County facilities will submit record keeping of pollution prevention and good housekeeping activities for annual reporting.

BMP ***F.5: Flood Management/Assess Guidelines***

Year 4 Adoption of the Spring Brook No. 1 Watershed Plan. Adoption of the St. Joseph Creek Watershed Plan. Adoption of the Best Management Practices Guidance Manual along with the ordinance revisions that are associated with this document. Review and revise, as needed, Appendix F and other related appendices. Complete Phase II of the River Dumoulin Project. Construct the Marion Hills/75th Street Basin Project. Complete the installation of the Country Lakes Golf Course storm inlet to the new storm sewer system. Implement the recommendations in the Springbrook Creek Watershed Plan. Execute contract that will provide for vegetative maintenance and enhancements at many of the County's existing flood control facilities. Construct the Busse Woods Dam Modifications Project. Construct the other NOAA projects. Construct the Huffman Street project in the Steeple Run Watershed. Randomly audit non-waiver, partial-waiver and complete waiver communities again in DuPage County for compliance with Appendix F. Salt Creek mainstem and its tributaries including Ginger, Sugar, Oak Brook Tributary, Bronswood Cemetary Tributary, Westwood Creek and Spring Brook. Steeple Run Tributary. Sawmill Creek Tributary. Kress Creek Tributary. Spring Brook No. 1 Tributary. Armitage Creek Tributary. Corrected and updated DFIRM maps will be approved and adopted by FEMA.

Annual Facility Inspection Report - Section E

Year 9 of NPDES Permit No. ILR400502

DuPage County, 2nd Notice of Intent (Year 3)

The 40 cooperating permit holders listed in the cover letter rely on established DuPage County programs to satisfy some of their General NPDES Permit No. ILR40 obligations for the six minimum control measures; Public Education and Outreach, Public Participation/Involvement, Illicit Discharge Detection and Elimination, Construction Site Runoff Control, Post-Construction Runoff Control, and Pollution Prevention/Good Housekeeping.

Annual Facility Inspection Report - Section F

Year 9 of NPDES Permit No. ILR400502

DuPage County, 2nd Notice of Intent (Year 3)

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

Location/Project Name	Category	Start Date- End Date
75 th Street (Drainage Improvements at Village Green): Detention pond grading (enlargement of existing pond) and installation of approximately 1900 linear feet of storm sewers, ranging in size from 24 " to 42" in diameter to provide additional stormwater detention. Total construction site area (1.1 acres). As per Stormwater Pollution Prevention Plan (SWPPP) the total construction site area estimated to be disturbed by excavation, grading or other activities is (1.06 acres).	Division of Transportation	11/7/11 – 6/1/12
75 th Street, I-355 to Lyman Avenue Improvements: Roadway resurfacing and/or reconstruction and widening, traffic signal modernization, bike path, construction of storm sewers, drainage structures, combination concrete curb and gutter, and pavement markings. Total construction site (45.9 acres). As per SWPPP, the total construction site area estimated to be disturbed by excavation, grading or other activities is (43.29 acres).	Division of Transportation	3/1/12 - 11/30/12
DuPage County West Campus Storm water Detention: Construction project includes the regarding and expansion of an existing storm water detention facility and side slopes. Construction activities include grading, minor drainage improvements and final landscaping. Total construction size area is (4.25 acres).	Department of Transportation and Operations: Facilities Management	10/17/11 – 10/31/12
Brewster Creek Headwater Watershed Drainage Improvements: Construction activities connected to a watershed improvement project, storm sewer improvements, storm water detention construction, drain tile repairs and improvements, paving, native seeding and landscaping. Total construction size area is (12 acres).	Stormwater Management	9/1/11 - 9/30/11
Army Trail Road at Rohlwing Road: Roadway reconstruction. Reconstruct and widen IL. Rt. 53 (Rohlwing Road). This is primarily an IDOT project with County roadway jurisdiction.	Division of Transportation	8/2011 – 11/20/12
Belmont Road Grade Separation at Metra/BNSF Railroad: Construct a new underpass on Belmont Road under the BNSF Railroad. This is primarily an IDOT project with County roadway jurisdiction.	Division of Transportation	5/3/2010 - 3/21/13

<p>Whiskey Creek Drainage Project: Restoration of drainage channel and protective fencing. Total site area (1.5 acres).</p>	<p>Public Works</p>	<p>8/8/11 – 11/3/11</p>
<p>Weeks Park drainage project: Residential drainage improvement project in Milton Township includes the reshaping and regarding of the existing ditch to improve pumping efficiency and upgrade existing drainage capacity. 2,428 ft of (36 inch storm sewer) with a 10 foot wide trench will be installed on site. Native plant landscaping were also installed along the banks and the bottom of the basin/trenches. Three years of maintenance and monitoring will be conducted upon completion of the Weeks Park Drainage project to secure the quality and establishment of the vegetation.</p>	<p>Public Works</p>	<p>9/12/11 - 10/17/11</p>