



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, 2012 To March, 2013

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))

Christopher C. Vonnahme
Owner Signature:
CHRISTOPHER C. VONNAHME
Printed Name:

MAY 30, 2013
Date:
SR. PROJECT ENGINEER
Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

IL 532 2585 WPC 691 Rev 6/10 This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

Annual Facility Inspection Report - Section A

Year 10 of NPDES Permit No. ILR400502

DuPage County, 2nd Notice of Intent (Year 4)

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 10 of NPDES Permit No. ILR400502

DuPage County, 2nd Notice of Intent (Year 4)

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

Distributed Rain Barrel brochures and Rain Barrel Installation handouts at the kiosk/waiting area of EDP in the 421 County Complex Building.

Date

4/1/2012

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!; Falling into Winter; and Rain Barrel Installation Guide

4/1/2012

Modified and update the Illicit Discharge and Detection Elimination (IDDE), Adopt-a-Stream, and Best Management Practices brochures for public distribution.

9/1/2012

Began publishing Stormwater Management's e-newsletter currents on a monthly basis to update residents on current projects, water quality education, upcoming events and other ways to be involved with water quality goals throughout the County. List expanded from 184 to 706 recipients during this period.

9/1/2012

Developed Water Quality Improvement Grant, Best Management Practices and various project posters to directed at residents for use at community events.

9/12/2012

Created an Adopt-a-Stream manual to guide groups through the process. Additionally, updated materials, including brochure and website. Participation and interest have increased from very little to an upwards of 10 groups.

9/26/2012

Created a "Falling into Winter" brochure to highlight fall and winter stormwater best management practices for residents.	10/19/2012
In association with DuPage County's pledge to restrict use of coal tar-based sealants in municipal operations, distributed, through the DuPage River/Salt Creek Workgroup (DRSCW), a brochure for homeowners on coal tar sealants as a source of polycyclic aromatic hydrocarbons (PAHs).	12/5/2012
Created a handout detailing wildlife in the area to demonstrate how native vegetation attracts desirable wildlife, while also stabilizing streambank and improving water quality.	1/7/2013
Developed a 25 Year of DuPage County Stormwater Management booklet to educate the public on regional stormwater management, including stormwater best management practices and green infrastructure. It was distributed at community events, posted online, featured in the e-newsletter and provided to elected officials. Additionally, many municipalities and related groups requested copies.	1/15/2013
Provided the Village of Downers Grove with fifty (50) copies of the 25 Year Booklet for distribution at community events and in their municipal offices.	1/16/2013
Added information pertaining to lawn care for residents onto DuPage County's website. Materials were borrowed from the regional Lawn to Lake Program to advise residents on best management practices, including soil testing, lawn mowing, and fertilization.	1/18/2013
Created a packet highlighting DuPage County Stormwater Management's activities, including a fact sheet, letter from County Board members, recent editions of Stormwater Management's newsletters, and the 25 Year booklet. The packet was used as outreach material to educate elected officials.	2/11/2013
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!; Falling into Winter; Lawncare Calendar; and DuPage County Countywide Stormwater and Flood Plain Ordinance; and LEED Applicability.	3/31/2013

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 Stormwater Outreach Coordinator to manage stormwater management education and outreach and foster public involvement on behalf of DuPage County.

7/26/2012

Sponsored a Public Roads Deicing workshop, in conjunction with the DuPage River/Salt Creek Workgroup (DRSCW), to educate municipal workers on chloride reduction in winter deicing operations for public roadways. The workshop had one hundred and eleven (111) participants and focused on best management practices, pre-wetting techniques, anti-icing practices, and equipment retrofits.

9/26/2012

Sponsored a Private Roadway and Parking Lots Deicing workshop, in conjunction with the DuPage River/Salt Creek Workgroup (DRSCW), for operators on chloride reduction in winter deicing operations at private properties. The workshop had thirty-five (35) participants and focused on best management practices, pre-wetting techniques, anti-icing practices, and equipment retrofits.

10/4/2012

Hosted the Municipal Engineers Working Group at the Urban Stream Research Center to educate and discuss aquatic research at the facility, as well as best management practices and green infrastructure constructed on the property.

10/4/2012

Hosted a "Gross Solids Management" technical workshop, with assistance from The Conservation Foundation. A total of fifty-eight (58) people attended the seminar, which covered topics including: gross solids and the resulting impacts on receiving streams, how regulations could influence future programs in the region, examples of source reduction strategies being implemented in Southern California, case studies of various BMPs to reduce urban sediments, a cost-benefit analysis of 18 constructed BMPs, and one local example of program implementation.

11/7/2012

Presentation, by one (1) staff member, at the annual Illinois Association of Floodplain and Stormwater Management (IAFSM) state conference about wetland regulations in Northeastern Illinois. DuPage County Stormwater Management also received the "2013 IAFSM Stormwater Manager of the Year" award at the annual conference.

3/6/2013

Financially supported the "Beyond the Basics: It Takes A Community to Clean Our Stormwater" seminar that provided an in-depth look at stormwater management program design and implementation. There were 225 individuals that attended the seminar. In addition, DuPage County hosted an education exhibit in the exhibition area.

3/13/2013

Delivered fifteen (15) presentations informing approximately 800 people about sustainable landscaping practices such as the use of native plants, rain gardens, bio-swales, rain barrels, and rain water harvesting techniques. Requests for speakers were made by municipal groups, garden clubs, colleges, green clubs, and for community events.

3/31/2013

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

Date

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

4/1/2012

Worked with DuPage County Public Information Officer to secure outlets for future PSAs, including Comcast "On Demand" Channel.

12/3/2012

Interviewed by a Chicagoland television news crew about chloride reduction techniques, including chloride-alternatives, wetting of salt, and sustainable operations. The DuPage County Stormwater Management Director and DuPage County Division of Transportation Highway Manager were involved in the interview.

12/19/2012

Created a video highlighting a project taking place at Armstrong Park to promote the aspects of the Klein Creek Flood Mitigation project, including flood control and water quality improvements. DuPage County, the Village of Carol Stream, and Carol Stream Park District all participated, and the video will be disseminated throughout the local community.

2/7/2013

Participated in a local radio interview about the disseminated water quality survey, including the goals the County has in improving the waterways and what problems exist.

3/22/2013

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

Date

Presented the watershed model to one hundred (100) participants at the Naperville Park District 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.

5/10/2012

Partially funded the annual Countywide River Sweep, where over 618 volunteers participated and retrieved 9.34 tons of garbage and debris and restored 3.56 acres of land. Restoration work included removal of buckthorn, hawthorn, garlic mustard, and other invasive plants.

5/18/2012

Presented the watershed model to forty (40) participants at the Naperville Park District 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.

6/8/2012

Presented the watershed model to one hundred (100) participants at the Naperville Park District 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.

6/15/2012

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.

7/25/2012

Sponsored a community booth to present stormwater water quality education at the Women-Go-Green Golf Outing in the Village of Glen Ellyn. Approximately 80 participants were in attendance.

8/7/2012

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 thirty-eight (38) participants were in attendance.

8/14/2012

In conjunction with the Forest Preserve District of DuPage County, hosted the Urban Stream Research Center's ribbon cutting ceremony. Nearly one hundred (100) individuals were in attendance to learn about the facility and stormwater best management practices at the site. An estimated 1,200 people were estimated to visit the complex throughout the opening weekend.	8/18/2012
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 twenty-nine (29) participants were in attendance.	8/21/2012
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-eight (48) participants were in attendance.	8/29/2012
Sponsored a community booth to present stormwater water quality education at the Lombard Garden Club, Park District, and Historical Society Summit in the Village of Lombard. Approximately 80 participants were in attendance.	9/16/2012
Sponsored a community booth to present stormwater water quality education at the Green Fair at Cantigny Park in the City of Wheaton. Approximately 2,860 participants were in attendance.	9/22/2012
Presented the watershed model to two (2) participants at the Unitarian Universalist Church 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.	10/10/2012
Shared a community booth to present stormwater management education and promote DuPage County Stormwater Management's programs at the Chicago Wilderness Congress in the City of Chicago. Approximately 650 participants were in attendance.	11/15/2012
Sponsored a community booth to present stormwater water quality education at the DuPage County Environmental Summit in the Village of Lisle. Approximately 275 participants were in attendance.	1/9/2013
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-four (44) participants were in attendance.	1/30/2013
Sponsored a community booth to present stormwater water quality education at the Stormwater Utility Workshop in the Village of Downers Grove. Approximately 128 participants were in attendance.	2/21/2013
Sponsored a community booth to present stormwater water quality education at the Best Management Practices Seminar in the Village of Woodridge. Approximately 225 participants were in attendance.	3/13/2013
Through partnership with School and Community Assistance for Recycling and Composting Education (SCARCE), held 102 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 3,270 individuals were involved in these events throughout the year.	3/31/2013

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 'Envirothon,' which is a natural resource management competition, open to high school students. Four (4) high schools represented DuPage County in the northeast regional competition, which educates students on local issues and solutions regarding wildlife, soils, forestry and aquatics.

4/9/2012

Funded the sixth annual 'Sustainable Design Challenge,' where 130 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.

4/10/2012

Presented the watershed model to fifty (50) students at Immaculate Conception Grade School in the City of Elmhurst. 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.

5/21/2012

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.

6/1/2012

Held, for twenty-one (21) 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.

6/25/2012

Participated in a presentation geared toward students at Siple Middle School on their newly installed permeable pavers and rain gardens – both funded by a County grant. Students learned about the extensive root system in native plants and saw a demonstration on how water infiltrates through permeable pavement.

9/19/2012

Presented the watershed model to seventy-five (75) students at Addison Trail High School in the Village of Addison. 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.

10/9/2012

Presented the watershed model to seventy (70) students at Glenbard East High School in the Village of Lombard. 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.

10/11/2012

Brought the Illinois Association of Floodplain and Stormwater Manager's Watershed model to Bower Elementary School to demonstrate to students how a berm will protect the school from flooding of the nearby West Branch DuPage River, as well as how stormwater runoff collects pollutants.	10/25/2012
Conducted, for five (5) 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.	10/30/2012
Presented the watershed model to one hundred and thirty-five (135) 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.	11/2/2012
Presented to the Benet Academy Environmental Club, information on the County's Adopt-a-Stream program and highlighted successful DuPage County projects with water quality components.	11/13/2012
Presented the watershed model to fifty-six (56) students at Benet Academy in the Village of Lisle. 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.	11/26/2012
Presented the watershed model to twelve (12) students at Ardmore Elementary School in the Village of Villa Park. 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.	2/19/2013
Conducted, for twenty-two (22) 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.	3/1/2013
Conducted, for seventeen (17) 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.	3/1/2013
Presented the watershed model to thirty-five (35) students at Kendall Elementary School 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.	3/23/2013
Through partnership with School and Community Assistance for Recycling and Composting Education (SCARCE), educated approximately 565 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-seven (47) events throughout the year reached 741 teachers or college students, as well.	3/31/2013

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

Date

Funded activities involving one hundred and fifty-four (154) volunteers posting 750 door hangers and stenciling 425 storm drains over a six month period. These activities alerted residents of the direct connection between storm sewer inlets and local waterways and occurred in the following communities: Village of Addison, Bloomingdale Township, Village of Downers Grove, City of Elmhurst, Village of Hanover Park, Village of Lisle, City of Naperville, City of Warrenville, Village of Westmont, and City of Wheaton.

4/1/2012

Loaned car wash kit to the First Congregational United Church of Christ in the City of Elmhurst. The car wash kit diverts soapy water, and associated pollutants, to vegetated areas rather than allowing them to enter directly into a storm sewer system.

5/17/2012

Created and distributed, countywide, a press release to encourage local colleges to participate in the EPA RainWorks Challenge to advance students' knowledge of green infrastructure implementations and benefits.

8/13/2012

Created and distributed, countywide, a press release to announce the grand opening of the Urban Research Center, as well as highlighting the important aquatic research and best management practices on site.

8/22/2012

Held a logo and slogan contest for DuPage County middle school students to encourage stormwater management awareness and education.

8/30/2012

Hosted a four-day Wetland Delineation Training Course, presented by the Institute for Wetland and Environmental Education Research, Inc., for twenty-five (25) individuals to become familiar with the United States Army Corps of Engineers wetland delineation methodology.

9/10/2012

Created and distributed, countywide, a press release to encourage best management practices in fall and winter in an effort to reduce both phosphorous and chloride levels in DuPage County's streams and rivers.

10/9/2012

Created and distributed, countywide, a press release to promote the Water Quality Improvement Grant program, including which best management practices and green infrastructure implementations were considered and how they benefit the region.

11/17/2012

Created and distributed, countywide, a press release to highlight best practices in winter deicing encouraging residents to use the just enough methodology, as well as non-chloride alternatives.	12/19/2012
Following a MOU from DuPage County, a press release was created and distributed countywide to raise awareness about DRSCW Coal Tar-Based Sealants and encourage alternative sealants or permeable pavement as an alternative.	12/19/2012
Released a water quality survey to better gauge residents' knowledge of stormwater runoff and the health of local streams and rivers. The survey also provided information on these topics for the 322 respondents. Staff is using that to create future countywide water quality campaigns.	3/1/2013
Created and distributed, countywide, a press release during Flood Safety Awareness Week. Additional tips on ways to reduce flood risk, including green infrastructure installation, were provided on Stormwater Management's webpage and social media outlets, the County webpage, and the DuPage County Office of Homeland Security and Emergency Management's webpage and social media.	3/18/2013
Developed DuPage County water quality sites on Facebook and Twitter. The campaign, entitled "Love Blue. Live Green.," is meant to create an outreach and education forum for issues affecting the quality of DuPage County's waterways. These sites are updated daily by County staff.	3/21/2013
Funded outreach on community watershed education through the DuPage Rivers website (www.dupagerivers.org) that hosts the Upper DuPage Watershed Plan and provides information and examples on implementing key pieces of the watershed plan.	3/31/2013
Promoted Arbor Day, American Wetlands Month, Earth Day, Flood Safety Awareness Week, Groundwater Awareness Week, and Protect Your Groundwater Today with an emphasis on water quality and stormwater runoff. These days of recognition were promoted on the webpage and in the e-newsletter.	3/31/2013
Through the DuPage River/Salt Creek Workgroup (DRSCW), maintained and periodically updated with presentations and other material the Workgroup's website: www.drscw.org .	3/31/2013

B.1: Public Panel

Goals

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

Milestone

Review and update public panel information.

Summary

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.

Date

2/13/2013

Assembled the Environmental Commission, which serves as an advisory panel to the DuPage County Board on environmental issues, twelve (12) times during the reporting period. Meetings were held on the following dates: 4/11/2012, 5/9/2012, 6/13/2012, 7/11/2012, 8/8/2012, 9/12/2012, 10/10/2012, 11/14/2012, 12/12/2012, 1/9/2013, 2/13/2013, and 3/13/2013.

3/31/2013

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

Participated in regular meeting for the DuPage River/Salt Creek Workgroup. Presentations and follow-up discussion pertained to the following topics: Village of Hanover Park's efforts to incorporate the use of liquids into their anti-icing program and biological improvement resulting from the Churchill Woods Dam Modification Project along the East Branch DuPage River.

Date

4/25/2012

Participated in regular meeting for the DuPage River/Salt Creek Workgroup. Presentations and follow-up discussion pertained to the following topic: costs associated with nutrient removal upgrades potentially required at watershed Publically Owned Treatment Works (POTWs).

6/27/2012

Participated in regular meeting for the DuPage River/Salt Creek Workgroup. Presentations and follow-up discussion pertained to the following topics: the reasoning, methods, and results to date of the release of smallmouth bass into the West Branch DuPage River and production of a layman's guide to understanding the Workgroup's Identification and Prioritization System (IPS) for developing projects to realize aquatic life improvements.	8/29/2012
Facilitated a Winfield Creek Stakeholder Group to discuss ways to improve both water quality and flooding issues in this watershed. The first meeting consisted of presentations on the watershed plan, DuPage County water stewardship programs and streambank stabilization projects.	10/30/2012
Participated in regular meeting for the DuPage River/Salt Creek Workgroup. Presentations and follow-up discussion pertained to the following topics: study to determine a mass balance of ammonia in the lower East Branch DuPage River watershed, wetland and riparian restoration efforts along Spring Brook #1, and preliminary chloride results based on 2012 monitoring of the West Branch DuPage River watershed.	10/31/2012
Participated in regular meeting for the DuPage River/Salt Creek Workgroup. Presentations and follow-up discussion pertained to the following topics: impacts of polyaromatic hydrocarbons (PAHs), associated with stormwater runoff, on detention ponds in urbanized areas.	12/5/2012
Participated in regular meeting for the DuPage River/Salt Creek Workgroup. Presentations and follow-up discussion pertained to the following topics: the Workgroup's Chloride Usage Education and Reduction Program, refinement of the database used to share monitoring data with interested parties, and use of the IPS to enhance a project at the Oak Meadows Forest Preserve to proliferate additional dissolved oxygen into the water column of Salt Creek.	2/27/2013
Held regularly scheduled Municipal Engineers' Discussion 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 twelve (12) times for regularly scheduled meetings: 4/10/2012; 5/3/2012; 6/7/2012; 7/19/2012; 8/9/2012; 9/6/2012; 10/4/2012; 11/8/2012; 12/6/2012; 1/10/2013; 2/7/2013; and 3/14/2013. The Group assembled two (2) additional times for special call meetings to discuss a minor revisions to the DuPage County Countywide Stormwater and Flood Plain Ordinance. Special call meetings occurred on the following dates: 1/17/2013 and 1/24/2013.	3/31/2013

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

3/31/2013

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 five (5) citizen scientists monitored macroinvertebrates at two (2) 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

5/1/2012

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

Hired Stormwater Outreach Coordinator to manage stormwater management education and outreach and foster public involvement on behalf of DuPage County.

Date

7/26/2012

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.

3/31/2013

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

Date

Initiated a water quality grant agreement with Woodridge School District 68 for permeable pavers and raingardens at the Edgewood, John L. Siple, and Willow Creek schools in the amount of \$84,191.

5/1/2012

Initiated a water quality grant agreement with the Community Consolidated School District 93 for water quality improvements at the District's Western Trails School and Early Childhood Center in the amount of \$120,171.

5/1/2012

Initiated a water quality grant agreement with North Central College for the Sesquicentennial Walkway and Permeable Paver Parking Lot Water Quality Improvement Project in the amount of \$118,880.

6/5/2012

Initiated data collection at ten (10) 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.

6/12/2012

Initiated data collection, for a four month period, at five (5) monitoring stations throughout the DuPage River and Salt Creek Watersheds. Conductivity units were measured at hourly intervals to be used to determine ambient water column chloride concentrations.

12/10/2012

Recommended for funding, through the Stormwater Management Planning Committee, five (5) projects through the 2013 Water Quality Improvement Grant Program. The five recipients of funds include Elementary School District 44 (\$30,727), Four Lakes Village Condominium Homeowners' Association (\$24,774), Village of Glen Ellyn (\$53,342), Wheaton Park District (\$72,252), and Woodridge Park District (\$25,220). The improvements included the installation of pervious permeable paver parking lots in place of existing impervious asphalt parking lots, installation of rain gardens and native filter strips, streambank stabilization, and vegetated bioswales.

2/5/2013

Received a nomination for Stormwater Management Water Quality Supervisor to serve as a Member-at-Large on the Board of Directors for the DuPage River/Salt Creek Workgroup.

2/27/2013

Through the DuPage River/Salt Creek Workgroup (DRSCW), performed bioassessment sampling at thirty-nine (39) sites throughout the West Branch DuPage River watershed. 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.

3/31/2013

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

Entered field monitoring efforts, including outfall locations and properties, into an Access database. The database will be used for future monitoring and mapping efforts, once initial reconnaissance is complete.

Date

3/31/2013

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.

Summary

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.

Date

3/31/2013

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

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.

Summary

Completed, and incorporated into the County's IDDE plan by Stormwater Management Division staff, the DuPage County IDDE Program Technical Guidance document. Efforts to organize and prioritize all documented outfalls are still underway.

Date

3/31/2010

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

Samples collected from the outfall into St. Joseph Creek were taken to run preliminary water quality analysis for traces of ammonia and fluoride. High levels of ammonia were present after conducting the water quality test, but fluoride was not present. Due to the high levels of ammonia in the grab sample, an additional water quality sample was taken to the County's lab at the Woodridge Green Valley Wastewater Treatment Facility to be analyzed for bacteria.

Date

8/8/2012

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

Through the Village of Woodridge, traced a blue colored discharge from a retention pond into Hobson Creek. The coloration was the result of a pond treatment.

Date

7/25/2012

Investigated and sampled a potential illicit discharge into St. Joseph Creek based on a Village of Lisle residential complaint of a sewage like odor smell in Lisle near IL 53 and Lacey Avenue. A small continuous flow was discovered in dry conditions discharging into St. Joseph Creek.

8/8/2012

Investigated a water main break in unincorporated DuPage County where the repair crew was pumping sediment laden water into Sawmill Creek. Directed contractor to cover storm sewer inlets with filter fabric while repairs were being addressed and sweep up dry sediment following completion.

11/16/2012

Investigated the release of a reported, suspected discharge from a residence in unincorporated DuPage County into the County's storm sewer system. The release of the sump pump, groundwater discharge into the roadway was reported to Milton Township.

12/23/2012

Addressed the release of horse manure from a property located in unincorporated DuPage County into the County's storm sewer system. Staff directed the property owners to contain the manure and refrain from future storage at that site.

2/21/2013

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 discernible during dry-weather conditions or confined in pipes underground.

Date

7/21/2009

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

IDDE screening is now being performed along shallow tributaries, meaning that it is more difficult to carry sampling equipment while wading long distances in a stream 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.

3/31/2013

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

As a result of reduced staff, no additional outfalls were monitored during the current reporting year.

Date

3/31/2013

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. Test for additional chemicals if the program review warrants such action.

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

3/31/2013

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

4/23/2013

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

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

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

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

Date

3/31/2013

Reviewed five (5) special management area construction permit submittals on behalf of the Village of Roselle.

3/31/2013

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

3/31/2013

Reviewed five (5) special management area construction permit submittals on behalf of the City of Elmhurst.

3/31/2013

Reviewed four (4) special management area construction permit submittals on behalf of the Village of Lombard.	3/31/2013
Reviewed two (2) special management area construction permit submittals on behalf of the Village of Hinsdale.	3/31/2013
Reviewed sixty-three (63) special management area construction permit submittals for projects located within unincorporated DuPage County, including seven (7) for Forest Preserve District of DuPage County projects and five (5) for DuPage County Division of Transportation projects.	3/31/2013
Reviewed two (2) special management area construction permit submittal on behalf of the City of Oakbrook Terrace.	3/31/2013
Reviewed fourteen (14) special management area construction permit submittals on behalf of the City of Naperville.	3/31/2013
Reviewed three (3) special management area construction permit submittals on behalf of the Village of Glendale Heights.	3/31/2013
Reviewed one (1) special management area construction permit submittal on behalf of the City of Warrenville.	3/31/2013
Reviewed five (5) special management area construction permit submittals on behalf of the Village of Lisle.	3/31/2013
Reviewed eleven (11) special management area construction permit submittals on behalf of the City of West Chicago.	3/31/2013
Reviewed four (4) special management area construction permit submittals on behalf of the Village of Westmont.	3/31/2013
Reviewed three (3) special management area construction permit submittals on behalf of the City of Darien.	3/31/2013
Reviewed three (3) special management area construction permit submittals on behalf of the Village of Carol Stream.	3/31/2013
Reviewed five (5) special management area construction permit submittals on behalf of the Village of Winfield.	3/31/2013
Reviewed three (3) special management area construction permit submittals on behalf of the City of Darien.	3/31/2013
Reviewed one (1) special management area construction permit submittal on behalf of the Village of Itasca.	3/31/2013
Reviewed three (3) special management area construction permit submittals on behalf of the Village of Downers Grove.	3/31/2013

Reviewed fifteen (15) special management area construction permit submittals on behalf of the Village of Wheaton.	3/31/2013
Reviewed two (2) special management area construction permit submittals on behalf of the Village of Oak Brook.	3/31/2013
Reviewed two (2) special management area construction permit submittals on behalf of Elk Grove Village.	3/31/2013
Reviewed ten (10) special management area construction permit submittals for projects that crossed municipal boundaries.	3/31/2013

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

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

	<i>Date</i>
Submitted, to IEPA, the Notice of Intent (NOI) for General Permit to Discharge Storm Water Associated with Construction Site Activities for the Bower School Berm Restoration Project. An electronic version of the NOI was posted to DuPage County's website, as well.	6/7/2012
Submitted, to IEPA, the Notice of Intent (NOI) for General Permit to Discharge Storm Water Associated with Construction Site Activities for the Standby Power Facility and Child Advocacy / Neutral Exchange Facility Project. An electronic version of the NOI was posted to DuPage County's website, as well.	6/20/2012
Submitted, to IEPA, the Notice of Intent (NOI) for General Permit to Discharge Storm Water Associated with Construction Site Activities for the CH2 / Belmont Road at Curtiss Street Intersection Improvement Project. An electronic version of the NOI was posted to DuPage County's website, as well.	10/1/2012
Staffed call center to process and direct citizen complaints pertaining to construction activities and other stormwater related issues.	3/31/2013
Conducted approximately two hundred and thirty (230) pre-application meetings with potential permit applicants to discuss both construction and post-construction impacts and requirements associated with a project.	3/31/2013

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.

Summary

Initiated enforcement actions for sixty-two (62) construction projects located within unincorporated DuPage County, as documented in the inspection database, for sediment and erosion control issues.

Date

3/31/2013

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

3/31/2013

Conducted two hundred and seventy-four (274) 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.

3/31/2013

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

Selected by USEPA to receive a Region 5, Wetland Program Development grant to update DuPage County's wetland maps, which were developed around 1996. Since that time, development within the County has significantly changed the landscape. Updated maps will allow the County to provide more accurate information to residents, developers, and businesses. Additionally, this effort will help property owners and the development community to make informed decisions and, potentially, reduce violations and encroachment issues.

Date

8/22/2012

<p>Initiated a community audit of the Village of Winfield regarding implementation of the DuPage County Countywide Stormwater and Flood Plain Ordinance. Audits are intended to assist waiver communities with their administration of the permitting program by assessing how effectively the Ordinance is being implemented.</p>	11/20/2012
<p>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.</p>	3/6/2013
<p>Provided training to nearly two hundred (200) municipal staff members and consultants regarding changes involved in the DuPage County Countywide Stormwater and Flood Plain Ordinance update. Training occurred on the following dates: 7/16/2012, 7/18/2012, 7/20/2012, 7/24/2012, 8/2/2012, and 8/8/2012.</p>	3/31/2013
<p>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.</p>	4/23/2013
<p>Enacted the overhaul of the DuPage County Countywide Stormwater and Flood Plain Ordinance. 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.</p>	4/23/2013

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

	<i>Date</i>
Awarded contract 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.	4/3/2012
Managed against invasive vegetation at properties along Mack Road in unincorporated DuPage County. Selective herbiciding occurred.	6/4/2012
Managed against invasive vegetation (reed canarygrass) at the Vernal Pools sites within the Blackwell Forest Preserve. Selective herbiciding and overseeding occurred. This project is designed to provide habitat for aquatic species along the West Branch DuPage River.	6/4/2012
Managed against invasive vegetation (reed canarygrass) at the Deep Overwintering Pool site within the Blackwell Forest Preserve. Selective herbiciding occurred. This project is designed to provide habitat for aquatic species along the West Branch DuPage River.	6/4/2012
Awarded contract for the purpose of professional vegetation monitoring support services at the Springbrook Prairie Wetland Mitigation Bank.	6/5/2012
Managed against invasive vegetation at the Country Lakes Basin in the City of Naperville. Selective herbiciding occurred.	6/6/2012
Managed against invasive vegetation at the River Dumolin Flood Control Facility in the Village of Lisle. Selective herbiciding occurred.	6/6/2012
Managed against invasive vegetation at the Crest Road Basin in the City of Darien. Selective herbiciding occurred.	6/6/2012
Managed against invasive vegetation at the Wood Dale-Itasca Flood Control Facility in the Village of Wood Dale. Selective herbiciding occurred.	6/15/2012

Managed against invasive vegetation (reed canarygrass) at the Deep Overwintering Pool site within the Blackwell Forest Preserve. Selective herbiciding occurred. This project is designed to provide habitat for aquatic species along the West Branch DuPage River.	6/22/2012
Managed against invasive vegetation at the Crest Road Basin in the City of Darien. Selective herbiciding occurred.	7/5/2012
Managed against invasive vegetation at the Country Lakes Basin in the City of Naperville. Selective herbiciding occurred.	7/5/2012
Managed against invasive vegetation at the River Dumolin Flood Control Facility in the Village of Lisle. Selective herbiciding occurred.	7/5/2012
Managed against invasive vegetation at properties along Mack Road in unincorporated DuPage County. Selective herbiciding occurred.	7/9/2012
Managed against invasive vegetation at the Wayne Oaks Dam Basin in the City of West Chicago. Selective herbiciding occurred.	7/9/2012
Managed against invasive vegetation at properties within the Valley View subdivision in unincorporated DuPage County. Brush mowing occurred.	7/27/2012
Attendance, by one (1) staff member, a Native Landscape Design for Stormwater course, which provided an overview of stormwater practices; design, construction and post-construction as-built phases; incorporation of native plants into stormwater design; common native plants used in stormwater projects; local implementation of stabilization practices, maintenance; and monitoring and runoff volume reduction.	8/7/2012
Managed against invasive vegetation at properties within the Valley View subdivision in unincorporated DuPage County. Selective herbiciding occurred.	8/20/2012
Managed against invasive vegetation at properties within the Valley View subdivision in unincorporated DuPage County. Selective herbiciding occurred.	10/8/2012
Managed against invasive vegetation at the River Dumolin Flood Control Facility in the Village of Lisle. Selective herbiciding occurred.	10/24/2012
Managed against invasive vegetation at the Country Lakes Basin in the City of Naperville. Selective herbiciding occurred.	10/24/2012
Over a two-day period, managed against invasive vegetation (teasel) at the Gary-Kehoe Reservoir Basin in the Village of Carol Stream through the use of selective herbicide.	11/1/2012
Managed against invasive vegetation at the Country Lakes Basin in the City of Naperville. Overseeding occurred.	11/16/2012

Managed against invasive vegetation at the River Dumolin Flood Control Facility in the Village of Lisle. Overseeding occurred.	11/16/2012
Managed against invasive vegetation at properties along Mack Road in unincorporated DuPage County. A prescribed burn occurred.	11/18/2012
Managed against invasive vegetation at the Wayne Oaks Dam Basin in the City of West Chicago. Selective herbiciding occurred.	11/27/2012
Managed against invasive vegetation at properties along Mack Road in unincorporated DuPage County. Brush clearing and overseeding occurred.	12/4/2012

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 sixty-three (63) permit submittals for unincorporated DuPage County, of which thirty-one (31) permits were issued and certified for permit approval.	3/31/2013
Reviewed one hundred and seven (107) permit reviews for incorporated DuPage County in response to municipal requests, of which fifty-eight (58) permits were issued and certified for permit approval.	3/31/2013

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

3/31/2013

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

Inspected eight (8) wetland buffer and riparian enhancement sites, after construction of the project was complete, at various Countywide locations.

Date

3/31/2013

Inspected ten (10) 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.

3/31/2013

Inspected three (3) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Glendale Heights.

3/31/2013

Inspected eleven (11) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the City of Elmhurst. Conducted one (1) special management area violation inspection including either wetlands, wetland buffer, or floodplain.

3/31/2013

Inspected one (1) wetland mitigation site for Elk Grove Village.	3/31/2013
Inspected two (2) wetland buffer and riparian enhancement sites, after construction of the project was complete, in the City of Darien. Conducted one (1) special management area violation inspection including either wetlands, wetland buffer, or floodplain.	3/31/2013
Inspected six (6) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Woodridge.	3/31/2013
Inspected ninety-one (91) wetland buffer and riparian enhancement sites, after construction was complete, for unincorporated DuPage County, including seven (7) DuPage County Division of Transportation projects and fifteen (15) Forest Preserve District of DuPage County projects. Inspected ten (10) wetland mitigation sites located in unincorporated DuPage County, including seven (7) located on Forest Preserve District of DuPage County property, as well as conducted ten (10) special management area violation inspections including either wetlands, wetland buffer, or floodplain.	3/31/2013
Inspected nine (9) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Burr Ridge. Inspected two (2) wetland mitigation site, as well.	3/31/2013
Inspected one (1) wetland buffer and riparian enhancement site, after construction of the project was complete, for the Village of Roselle. Conducted one (1) special management area violation inspection including either wetlands, wetland buffer, or floodplain.	3/31/2013
Inspected three (3) 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.	3/31/2013
Inspected two (2) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Bartlett. Inspected three (3) wetland mitigation sites, as well.	3/31/2013
Inspected six (6) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Bensenville. Inspected one (1) wetland mitigation site, as well.	3/31/2013
Inspected fourteen (14) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Lisle. Inspected one (1) wetland mitigation site, as well.	3/31/2013
Inspected two (2) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Clarendon Hills.	3/31/2013
Inspected thirty-one (31) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the City of West Chicago. Conducted one (1) special management area violation inspection including either wetlands, wetland buffer, or floodplain.	3/31/2013
Inspected eight (8) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the City of Wheaton. Inspected two (2) wetland mitigation sites, as well as conducted two (2) special management area violation inspections including either wetlands, wetland buffer, or floodplain.	3/31/2013

Inspected one (1) wetland buffer and riparian enhancement site, after construction of the project was complete, for the Village of Villa Park.	3/31/2013
Inspected two (2) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Westmont. Inspected three (3) wetland mitigation sites, as well.	3/31/2013
Inspected one (1) wetland buffer and riparian enhancement site, after construction of the project was complete, for the Village of Carol Stream.	3/31/2013
Inspected five (5) 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.	3/31/2013
Inspected one (1) wetland buffer and riparian enhancement site, after construction of the project was complete, for the Village of Lemont.	3/31/2013
Conducted one (1) special management area violation inspection including either wetlands, wetland buffer, or floodplain for the Village of Oak Brook.	3/31/2013
Inspected five (5) wetland buffer and riparian enhancement sites, after construction of the project was complete, for the Village of Wayne.	3/31/2013
Inspected nine (9) 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.	3/31/2013
Inspected one (1) wetland buffer and riparian enhancement site, after construction of the project was complete, for Wayne Township.	3/31/2013
Inspected thirty-seven (37) 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 three (3) special management area violation inspections including either wetlands, wetland buffer, or floodplain.	3/31/2013
Inspected one (1) wetland buffer and riparian enhancement site, after construction of the project was complete, for the Village of Hinsdale.	3/31/2013
Inspected one (1) wetland mitigation site for the Village of Downers Grove.	3/31/2013

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

Conduct additional pollution prevention employee training session, targeting those that were unable 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.

Summary

Date

Attendance, by fourteen (14) community participants, at the DuPage River/Salt Creek Workgroup's (DRSWG) dissolved oxygen monitoring program update and maintenance workshop at the Greene Valley Wastewater Treatment Plant. The focus of the workshop was to demonstrate the proper operation and maintenance of sondes used to record water column data.

4/13/2012

Attendance, by eleven (11) staff members, to the four-day American Public Works Association (APWA) conference held in the City of Chicago. Topics covered included solid waste control and management, water reuse, protection of natural resources during construction projects, sustainability, and stormwater best management practices.

8/26/2012

Attendance, by thirty-four (34) staff members, to the Public Roads Deicing Workshop.

9/26/2012

Attendance of 'Gross Solids Management' seminar by nine (9) DuPage County staff members. The following communities had staff that attended the seminar, as well: Village of Bloomingdale (2), Village of Glen Ellyn (1), Village of Hinsdale (1), Village of Lisle (2), Village of Lombard (1), Village of Winfield (1), and Village of Woodridge (1).

11/7/2012

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

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.

<i>Summary</i>	<i>Date</i>
On behalf of the Village of Bloomingdale, removed approximately sixty (60) cubic yards of timber debris accumulated along Spring Brook Creek.	5/11/2012
On behalf of the City of Naperville, removed approximately sixty-five (65) cubic yards of timber debris accumulated along a tributary to Foxcroft Creek.	5/16/2012
On behalf of the City of Warrenville, removed approximately thirty (30) cubic yards of timber debris accumulated along Ferry Creek.	5/16/2012
On behalf of the City of West Chicago, removed approximately twenty-five (25) cubic yards of timber debris accumulated along Kress Creek.	5/18/2012
On behalf of the City of Warrenville, removed approximately twenty (20) cubic yards of timber debris accumulated along West Branch DuPage River.	5/25/2012
On behalf of the City of West Chicago, removed approximately forty (40) cubic yards of timber debris accumulated along Kress Creek.	6/15/2012
On behalf of the City of West Chicago, removed approximately one hundred (100) cubic yards of timber debris accumulated along Kress Creek.	6/18/2012
On behalf of the Village of Carol Stream, removed approximately twenty (20) cubic yards of timber debris accumulated along Klein Creek.	7/2/2012
On behalf of the Village of Carol Stream, removed approximately four (4) cubic yards of timber debris accumulated along Klein Creek.	8/2/2012
On behalf of the Village of Lisle, removed approximately thirty-five (35) cubic yards of timber debris accumulated along West Branch DuPage River.	10/30/2012

On behalf of the City of Warrenville, removed approximately twenty (20) cubic yards of timber debris accumulated along Ferry Creek.	11/1/2012
On behalf of the Village of Addison, removed approximately twenty (20) cubic yards of timber debris accumulated along Salt Creek.	2/18/2013
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.	3/31/2013
On behalf of the DuPage County Division of Public Works, removed approximately three hundred and twenty-five (325) cubic yards of timber debris accumulated along the following streams; East Branch DuPage River, Glen Crest Creek, Klein Creek, Sawmill Creek, Spring Brook Creek, and Tributary #2 (EBDR).	3/31/2013

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

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.

Summary

Date

Signed, along with the Village of Bloomingdale, Village of Carol Stream, City of Elmhurst, Village of Lombard, City of Naperville, and Village of Woodridge, a Memorandum of Understanding (MOU) restricting the use of coal-tar sealant in municipal operations due to the presence of polyaromatic hydrocarbons (PAHs) in stormwater runoff.	12/5/2012
Continued pollution prevention practices, such as the use of concrete walls with tresses for the two salt dome containment areas at the Division of Transportation's maintenance facility and oil and grit separators close to the gasoline pumps and garages within DuPage County grounds and facilities.	3/31/2013
Utilized 13,551 tons of salt during the winter season, which included twenty-seven individual storm events. DuPage County has continued to incorporate the use of alternative deicing products, such as Ecosalt (a pre-treated small granular salt that is eighty-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). DuPage County has continued to share anti-icing, pre-treatment solutions with interested townships, including: Bloomingdale Township, Downers Grove Township, Lisle Township, Milton Township, Naperville Township, Wayne Township, Winfield Township, and York Township.	3/31/2013

Continued the use of BIOMELT S7, an anti-icing/deicing fluid without any calcium chloride. Approximately 8,000 gallons of BIOMELT S7 was applied throughout the County complex along the doorways, walkways, and sidewalks during the winter season. BIOMELT S7 is an agricultural corn and soybean based fluid used for prewetting, anti-icing, and deicing practices.

3/31/2013

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

Submitted a redelineated, updated floodplain map for the Swift Meadows and Army Trail watersheds 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.

5/1/2012

Submitted a redelineated, updated floodplain map for the Willoway Brook watershed 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.

5/15/2012

Submitted a redelineated, updated floodplain map for the Prentiss Creek watershed 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.

5/23/2012

Submitted a redelineated, updated floodplain map for the Armitage Creek watershed 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.

6/12/2012

Submitted a redelineated, updated floodplain map for the Crabtree Creek watershed 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.

6/15/2012

Submitted a redelineated, updated floodplain map for the Lacey Creek watershed 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.	6/29/2012
Submitted a redelineated, updated floodplain map for the Bronswood Creek watershed 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.	7/9/2012
Submitted a redelineated, updated floodplain map for the East Branch DuPage River, St. Joseph Creek, and Spring Brook (SC) watersheds 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.	10/12/2012
Awarded a contract for the Brewster Creek Flood Mitigation Project, which will result in a reduction of flooding for several businesses and homeowners in the Village of Bartlett. The project includes construction of a wetland detention basin within the Pratts' Wayne Woods Forest Preserve. Constructed wetlands are a highly effective means of managing water quality and water quantity concerns. Equally important is the fact that the project will realize all of the benefits of natural wetland ecosystems, including habitat restoration for a diversity of plant and animal species.	11/27/2012
Received approval from IDNR/OWR of the hydraulic modeling and proposed floodways for twenty-one (21) watersheds, including: Salt Creek, Devon Avenue Tributary, Westwood Creek, Ginger Creek, Sugar Creek, Oak Brook Tributary, Glencrest Creek, Tributary #2, Springbrook No. 1, Sawmill Creek, Wards Creek, St. Joseph Creek, Spring Brook (SC), Bronswood Creek, Lacey Creek, Crabtree Creek, Armitage Creek, Prentiss Creek, Willoway Brook, Swift Meadows, and Army Trail.	1/3/2013
Submitted a redelineated, updated floodplain map for the Kress Creek watershed 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.	1/14/2013
Submitted a redelineated, updated floodplain map for the Steeple Run watershed 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.	1/25/2013
Submitted a redelineated, updated floodplain map for the Rott Creek watershed 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.	2/15/2013

Annual Facility Inspection Report - Section C

Year 10 of NPDES Permit No. ILR400502

DuPage County, 2nd Notice of Intent (Year 4)

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 ten 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.

Annual Facility Inspection Report - Section D

Year 10 of NPDES Permit No. ILR400502

DuPage County, 2nd Notice of Intent (Year 4)

BMP A.1: Distribution of Paper Material

Year 5 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 5 Continue support of County funded groups. Encourage staff participation in speaking engagement opportunities.

BMP A.3: Public Service Announcement

Year 5 Continue to update and air County public service announcements.

BMP A.4: Community Event

Year 5 Continue community events, review and update materials and events as needed.

BMP A.5: Classroom Education Material

Year 5 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 5 Continue to review and update public education information.

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

Year 5 Review and update public panel information.

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

Year 5 Continue support of the Municipal Engineers and Water Quality Stakeholders Groups.

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

Year 5 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 5 Continue support for volunteer monitoring opportunities.

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

Year 5 Review and update programs as necessary.

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

Year 5 Continue support for programs while also reviewing potential public involvement programs and their feasibility.

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

Year 5 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 5 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 5 Priority outfalls will continue to be monitored.

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

Year 5 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 5 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 5 Review year one of the IDDE program and report the results to the Stormwater Management Committee.

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

Year 5 Continue to dry weather screen throughout the year.

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

Year 5 Continue to test for pollutants during the dry weather survey.

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

Year 5 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 5 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 5 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 5 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 5 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 5 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 5 Continue to enforce the Stormwater Ordinance.

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

Year 5 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 5 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 5 Continue to offer employee training on site inspections.

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

Year 5 Evaluate the procedures for effectiveness and improve training as necessary based on completed session surveys and suggestions. Offer a refresher training session to previous attendees that include updates. Make arrangements for regular training sessions.

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

Year 5 Evaluate the pollution prevention good housekeeping practices from the previous years for their effectiveness on reducing pollution that collects on streets, parking lots, open spaces, and storage and vehicle maintenance areas that discharges into local waterways. County facilities will submit record keeping of pollution prevention and good housekeeping activities for annual reporting of maintenance activities and scheduling. Incorporate any revisions into pollution prevention and good housekeeping inspection and maintenance procedures and guidelines. Provide additional training where necessary. Continue Stream Maintenance program.

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

Year 5 Continue evaluating the procedures and implementation for proper waste disposal. County facilities will submit record keeping of pollution prevention and good housekeeping activities for annual reporting.

BMP

F.5: Flood Management/Assess Guidelines

Year 5 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 10 of NPDES Permit No. ILR400502

DuPage County, 2nd Notice of Intent (Year 4)

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 10 of NPDES Permit No. ILR400502

DuPage County, 2nd Notice of Intent (Year 4)

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
CH2 / Belmont Road at Curtiss Street Intersection Improvement: Roadway widening and rehabilitation, including new traffic signals. Work will include a replaced enclosed drainage system, landscaping, erosion control, and bridge widening (2.2 acres).	Division of Transportation	10/1/2012 – Present
Glen Ellyn Road at Canadian National Railroad Underpass: Roadway stormwater improvement project involving the replacement and upsizing of storm sewer, swale improvements, and downstream ditch improvements involving an energy dissipater (1.86 acres).	Division of Transportation	1/6/2012 – Present
DuPage County West Campus Stormwater Detention and Buildings: Construction project includes the re-grading and expansion of an existing storm water detention facility and side slopes. Construction activities include grading, minor drainage improvements, and final landscaping, as well as building of Standby Power Facility and Child Advocacy/Neutral Exchange Facility (3.9 acres).	Division of Facilities Management	9/15/2011 – Present
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).	Division of Stormwater Management	9/1/11 - Present
CH35 / 55 th Street (Williams Street to Holmes Avenue): Widening and resurfacing of 55 th Street. The project includes combination curb and gutter, sidewalk, storm sewers, and new traffic signal installation at the Clarendon Hills Road intersection and traffic signal modernization at the Cass Avenue intersection (17.4 acres).	Division of Transportation	10/21/2011 – Present
FAP Route 0369 (75 th Street): Reconstruction of the bridge (over East Branch DuPage River) and pavement. Road resurfacing, as well (5.1 acres).	Division of Transportation	12/14/2011 – Present
Bower School Berm Restoration Project: Raising of existing flood control berm along the West Branch DuPage River for flood protection for the school. The project includes installation of storm sewers, flood gate structures, a lift station, and generator (2.3 acres).	Division of Stormwater Management	6/7/2012 – Present