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June 12, 2014

Illinois Environmental Protection Agency, DWPC
Compliance Assurance Section
1021 North Grand Avenue East, POB 19276
Springfield, Illinois 62794-9276

Subject: City of St. Charles NPDES Phase II Annual Report

Dear Sir or Madam:

Please see the enclosed City of St. Charles IEPA Annual Facility Inspection Report and attached supplementary information for the NPDES Phase II (2013-2014) Year reporting period.

If you need additional information please feel free to contact me at (630) 377-4486.

Sincerely,

A handwritten signature in cursive script that reads "Brian A. Herrmann".

Brian A. Herrmann, CFM
Project Coordinator - Mapping

cc: Peter Suhr, Director of Public Works
John Lamb, Environmental Division Manager

RAYMOND P. ROGINA *Mayor*
MARK KOENEN, P.E. *City Administrator*



Illinois Environmental Protection Agency

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

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

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

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

Report Period: From March, 2013 To March, 2014

Permit No. ILR40

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

Name: City of St. Charles Mailing Address 1: 2 East Main Street
Mailing Address 2: _____ County: Kane
City: St. Charles State: IL Zip: 60174 Telephone: 630-377-4486
Contact Person: Brian A. Herrmann, CFM Email Address: bherrmann@stcharlesil.gov
(Person responsible for Annual Report)

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

Kane County _____
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))

Brian A. Herrmann
Owner Signature:

Brian A. Herrmann, CFM
Printed Name:

June 12, 2014
Date:

Project Coordinator - Mapping
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

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
ANNUAL FACILITY INSPECTION REPORT
YEAR 5 – 2013/2014
NPDES PERMIT FOR STORM WATER DISCHARGES
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
Kane County, Illinois
(NPDES Permit No. ILR400259)

A. CHANGES TO BEST MANAGEMENT PRACTICES

There are no changes to the Best Management Practices for the six minimum control measures as submitted in the original NOI for Kane County as described in Part B of this Annual Report, Status of Compliance with Permit Conditions.

B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

Kane County began the new five-year permit cycle in 2008 and is confident that the BMPs listed in the 2008 Notice of Intent and summarized below are the best choice to meet the requirements of the NPDES Phase II Program to minimize nonpoint source pollution in Kane County, Illinois. All Best Management Practices have been implemented on or ahead of schedule as described in Kane County's 2008 Notice of Intent, with the exception of select items noted in their descriptions below.

1. PUBLIC EDUCATION AND OUTREACH

a. BMP No. A1 – Distributed Paper Material

Newsletter: Kane County Stormwater Management Committee Annual Report

GOAL: The Kane County Stormwater Annual Report provides local MS4s, consultants, and citizens with updates and information on Kane County stormwater programs, including regulations and county projects to protect water quality throughout Kane County. In 2007 a new section of the newsletter entitled "MS4 Corner" was added, with special information relevant to the NPDES Phase II program. This newsletter has been distributed annually since 2003, and will continue to be distributed through the next five-year permit cycle.

Milestones:

Years 1-5: Continue to distribute Newsletter and include "MS4 Corner" NPDES Phase II information

RESULTS: Due to resource issues the County was not able to distribute the MS4 Corner publication through the annual report and through a separate summer mailing. We are in the process of exploring additional avenues in providing relevant information to local MS4s, consultants, and citizens beyond our website.

b. BMP No. A1 – Distributed Paper Material

Green Guide: "Kane County Recycles"

GOAL: The Kane County Recycles Green Guide informs residents about recycling programs in Kane County and publishes the current year's schedule of recycling events for collection of electronics, and includes information on recycling or disposal of household hazardous waste, motor oil, household batteries, used tires, latex paint and pharmaceuticals and more. Kane County publishes this newsletter annually and distributes it via direct paper mailings, emailing electronic copies, and by distributing through county, municipal, and township offices, schools, libraries and businesses. This insert has been published and distributed since 2003, and will continue to be distributed through the five year permit cycle.

Milestones:

Years 1-5: Continue to produce and distribute this comprehensive educational guide.

RESULTS: In 2013, Kane County produced 80,000 copies, distributed 60,000 inserts via newspapers to Kane County residents and 20,000 through municipal and township office and other business entities. The reduction in print numbers is due to the increased access to information on the Kane County Recycles website: www.countyofkane.org/pages/recycling.

In 2014, we produced 50,000 copies, and distributed 30,000 so far to schools, libraries, churches, local government buildings, businesses, and residents. The reduction in print copies is offset by the online version. Approximately 1500 people downloaded it from the County website, and the County sent the PDF version to 1000 people on the email list. These numbers represent two months of distribution for this annual guide.

c. BMP No. A1 – Distributed Paper Material
Brochure Development and Distribution

GOAL: Kane County coordinated the production, printing, and distribution of two brochures: “How to be a Clean Water Champion” and “Top Ten Things Streamside Property Owners Can Do...”. The brochures were mailed to Kane County MS4s and Libraries.

Milestones:

Year 1: Make both brochures available on Kane County’s Stormwater Educational website; continue to distribute brochures as needed.

Year 2: Continue to distribute both brochures as needed.

Year 3: Continue to distribute both brochures as needed.

Year 4: Continue to distribute both brochures as needed.

Year 5: Continue to distribute both brochures as needed.

RESULTS: The brochures have been made available online at <http://www.countyofkane.org/FDER/Pages/environmentalResources/stomrwaterEducation.aspx>. Brochures have continued to be offered and distributed to civic groups and organizations. Brochures were distributed at two Earth Day events in Geneva and Elgin.

d. BMP No. A2 - Speaking Engagement
Speaker’s Bureau

GOAL: Presentations by County staff on topics including watersheds, land use, water pollution, and wetlands will be offered to civic and other community organizations.

Milestones:

Year 1: Post an advertisement about the speaker’s bureau on Kane County’s Stormwater Educational website and advertise in the Kane County Stormwater Management Committee Annual Report. Conduct presentations as requested.

Years 2-5: Advertise in the Kane County Stormwater Management Committee Annual Report. Conduct presentations as requested.

RESULTS: No presentations were requested during the 2013/2014 reporting period. County staff continued to engage local stakeholders and Homeowners’ Associations in Best Management Practices with the development of a database of addresses of Homeowner Associations and private citizens within unincorporated areas of the County. Specifically, the individuals and groups included in the database are responsible for the maintenance of the stormwater management systems within their subdivision, wetlands or conservation easement areas. Inspections of subdivision detention and drainage facilities were completed and we are currently reviewing the reports and in the process of contacting individual HOA’s to work on maintenance schedules.

e. BMP No. A3 – Public Service Announcement

Newsletter Articles

GOAL: Informational articles are prepared and distributed via the Kane County Stormwater Management Committee Annual Report and special annual Kane County MS4 mailing. Topics include watersheds, land use, water pollution, and wetlands. Select articles formatted for Kane County MS4s to place in local newsletters to residents.

Milestones:

Years 1-5: Conduct research and collect information for articles. Include one article in Kane County Stormwater Management Committee Annual Report's "MS4 Corner" section and one article in a special annual Kane County MS4 mailing. Post articles to Kane County's Stormwater Education website.

RESULTS:

Due to resource issues, the County was not able to distribute the MS4 Corner publication through the annual report and through a separate summer mailing. Instead, the Kane County Recycles "Green Guide" now includes a "Water Wise Corner" which provides residents with helpful information on how to conserve and protect the County's water supply resources. The County is working to develop additional resources and means for contacting stakeholders. Following the April 2013 flood, Kane County distributed a flyer to residents flooded during the event on proper disposal of flood damaged material and sand bags to assist residents in environmentally sound methods of disposal of potentially contaminated materials. Kane County also participated in the "Hydrilla Hunt", a program coordinated by the Northeast Illinois Invasive Plant Partnership to utilize volunteers to help define the location and extent of Hydrilla into northeastern Illinois' rivers and lakes.

f. BMP A5 – Classroom Education Material

Educational Website

GOAL: From 2003-2008, Kane County provided financial assistance to the Kane-DuPage Soil & Water Conservation District for making educational presentations to K-12 classes regarding water quality and related topics. Beginning in 2008, Kane County is making resources collected for stormwater education available on a new "Kane County Stormwater Educational Website". These resources will be available to all Kane County schools (and others) and will be specific to Kane County stormwater, water quality, and general water and watershed educational topics. The website will be advertised in Kane County's Stormwater Committee Annual Report, the annual special "Kane County MS4 Partners" mailing, and in a special mailing to school districts, schools, and individual educators.

Milestones:

Year 1: Collect educational materials to post to website. Develop mailing list for website advertisement. Mail notices to school districts, schools, and individual educators. Advertise website in Kane County's Stormwater Committee Annual Report and the annual special "Kane County MS4 Partners" mailing.

Years 2-5: Collect educational materials to post to website. Advertise website in Kane County's Stormwater Committee Annual Report and the annual special "Kane County MS4 Partners" mailing.

RESULTS:

Kane County continued to maintain the website, <http://www.countyofkane.org/FDER/Pages/environmentalResources/stomrwaterEducation.aspx>. The website contains informational pieces for students, teachers, the general public, and public officials. The website will be enhanced with additional information in the next permit cycle, and will serve to provide a solid stormwater information resource for all sectors. Additional modifications to the County's website to make stormwater resources more user-friendly have been completed.

g. BMP No. A6 – Other Public Education

Tributary Signage

GOAL: From 2003-2008, Kane County and its cooperating MS4 partners installed tributary signage at approximately 130 stream crossings. The County developed standard tributary identification signs and made them available to municipalities and townships for installation at arterial roadway crossings of tributary streams throughout the County. From 2008 to 2013, Kane County will continue to deliver sign design criteria to MS4 partners who wish to produce and install additional tributary signage.

Milestones:

Years 1-5: Provide municipalities and townships with sign design as requested.

RESULTS: The sign design has been made available to municipalities and townships interested in pursuing installation of additional stream signs, however most of the tributaries have already had signs installed in prior years. No additional signs were installed in 2013/2014 by the Kane County Division of Transportation.

2. PUBLIC PARTICIPATION / INVOLVEMENT

a. BMP B3 – Stakeholder Meeting

Public Meetings – Kane County Stormwater Management Committee

GOAL: The Kane County Stormwater Committee meets on an as needed basis at the County Government Center to discuss stormwater management issues, including water quality issues. Meetings are publicized in local newspapers and are open to the public for citizen input. Kane County Stormwater Management Committee meetings have been held since 2003, and will continue to be scheduled regularly through the next five year permit cycle.

Milestones:

Years 1-5: Continue to hold Stormwater Management Committee Meetings as necessary.

RESULTS: Due to the lack of pressing issues the Stormwater Committee did not meet in Year 5, 2013/2014. Through the Development Committee, however, staff has taken the opportunity with the downturn in the economy to revise the New Subdivision checklist and incorporate additional requirements for Steep Slope zones. A number of the changes address Green practices and BMP requirements as well. These revisions were presented to the committee in the summer 2013.

b. BMP No. B5 – Volunteer Monitoring

Stream Monitoring Program

GOAL: The Fox River Watershed Monitoring Network (FRWMN) is a stream monitoring program supported by a local nonprofit group called the Friends of the Fox River. The Monitoring Network volunteers are trained to collect physical, chemical, and biological data for selected stream segments. Kane County supported the (FRWMN) from 2003 through 2007 as the existing network was expanded from 13 monitoring sites in Kane County to 44 sites. Additionally, Kane County provided assistance to the Monitoring Network to make monitoring data available online to the general public.

Milestones:

Years 1-5: Support the Fox River Monitoring Network as needed and according to available resources.

RESULTS: A total budget of \$55,000 was allocated by Kane County for 2013 to provide cost-share funding for two stream flow gages in the County which are maintained by the USGS. A

portion of this funding also was used to support the water quality monitoring efforts of the Fox River Study Group.

c. BMP No. B7 – Other Public Involvement

Stream Clean-up Program

GOAL: Beginning in 2003, Kane County supported volunteer stream clean-up events on streams in Kane County by providing financial assistance. Cleanups provided a means for members of the public to directly connect with their local waterways, remove potential sources of pollution, and raise awareness of water quality issues.

Milestones:

Years 1-5: Support Kane County Stream Cleanups as needed and according to available resources.

RESULTS: Due to budgetary constraints and a lack of request for assistance, Kane County did not sponsor Stream Cleanups in 2013/2014.

d. BMP B7 – Other Public Involvement

Household Hazardous Waste Collection Program

GOAL: Kane County conducts a public At-Your-Door collection program to divert household hazardous waste from the environment, for households farther from the State and locally funded Naperville Hazardous Waste Facility. The eligible areas include the townships of Burlington, Dundee, Elgin, Plato, Rutland, and Hampshire, as well as the Mill Creek Special Service Area. Kane County also promotes and contributes funding annually to the Naperville Household Hazardous Waste Facility.

Milestones:

Years 1-5: Continue household hazardous waste collection programs and outreach.

RESULTS: Household Hazardous Waste Programs – A total of 2376 residents used the Naperville Hazardous Waste Facility in 2013, responsibly disposing of a total of 79,000 pounds of HHW. Additionally in 2013, 259 residents participated in the At-Your-Door Collection Program, diverting over 21,000 pounds of HHW materials.

3. ILLICIT DISCHARGE DETECTION AND ELIMINATION

a. BMP No. C1 – Storm Sewer Map Preparation

Stormwater System Mapping

GOAL: From 2003 – 2008, the Kane County Department of Transportation prepared a GIS map including the location and size of all County-owned storm water outfalls to receiving streams in the Urbanized Area. Kane County continues to update the GIS map annually as new outfalls are added or identified.

Milestones:

Years 1-5: Update stormwater outfall map as new outfalls are added or identified.

RESULTS: The Kane County Division of Transportation finished mapping the approximately 5,000 structures on 62.4 miles of County maintained roads in 2007. The map is updated when new roads are added to the road network or when there is an improvement to an existing roadway. No additional work was completed on the storm sewer outfall map last year due to a lack of staffing resources.

b. BMP C2 – Regulatory Control Program

Under State/local law, effectively prohibit, through regulatory mechanism, non-stormwater discharges into the County's MS4

GOAL: Kane County currently has a staff of 12 Environmental Health Practitioners whose job, in part, is to identify possible illegal discharges to the County's stormwater system. Illegal discharge identification is done via one of two procedures: the Department receives a complaint from the public or by means visual observation by a Health Department inspector.

Kane County has regulatory authority to prohibit septic system discharges into the County-owned storm sewers or open channels (Kane County Septic Ordinance). If an illegal discharge is suspected, the Health Department inspects the site and may conduct a dye test and/or collect a water sample for analysis. If the discharge is illegal, the County issues the owner a 30 day notice to correct the deficiency. If the illegal discharge is not corrected, the County Health Department then turns the case over to the State Attorney, who then pursues legal action to enforce elimination of the illegal discharge. Non-septic system discharges are not regulated by the County and these types of suspected illegal discharges are addressed by notifying the regional IEPA office and coordinating with their investigation.

Milestones:

Years 1-5: Continue to utilize regulatory authority to prohibit, inspect, and follow up with enforcement for illegal discharges into the County's MS4.

RESULTS: The Kane County Health Department has continued to enforce its regulatory authority to prohibit, inspect, and follow up with enforcement for illegal discharges into the County's MS4. We do still inspect and follow up with enforcement of illegal discharges. The County continues to work with the Village of Virgil to remove homes connected to tiles. Letters to inspect homes that are vacant or unresponsive are being followed up on to verify property sewage disposal. Five properties out of the original eight properties found to have illegal discharges have installed legal sewage disposal systems. The remaining properties in violation are continuing to work towards correction and being re-inspected. Additionally, construction of a new pressure sewer system and recirculating sand filter treatment facility with linear wetland discharge is currently underway to serve residents in the Village of Big Rock and rectify a long-standing point discharge of untreated wastewater into Big Rock Creek. The Village has shown great leadership in the undertaking of this large project and their commitment to reducing point source pollution.

c. BMP No. C10 – Other Illicit Discharge Controls

Kane County Employee Training Program to Identify Illicit Discharges

GOAL: All of the County's Health Inspectors and other County employees are trained to identify suspected illicit discharges and the procedures to be followed to eliminate the discharge.

Milestones:

Years 1-5: Health Inspectors continue to receive annual training on Illicit Discharge Detection and Elimination.

RESULTS: All Kane County Health Department staff that deal with septic issues receive a minimum of three hours of continuing education each year. The Health Department conducted a well and septic seminar at the University of Illinois Extension office on 9/11/13 which consisted of a 2 hour training to the public on how to maintain and understand the components of a septic system. Septic care brochures are still available to homeowners and businesses that utilize a septic system.

d. BMP No. C10 – Other Illicit Discharge Controls

Storm Drain Stenciling Program

GOAL: Beginning in 2003, Kane County worked with the Kane-DuPage Soil & Water Conservation District to establish a county-wide storm drain stenciling program. The District and the County advertised the program and prepared door hangers, liability waivers, instructional sheets, and progress tracking sheets for crews to use in the stenciling neighborhood. The District distributed stenciling kits to interested parties. Starting in 2008, the County is redistributing the stenciling materials in kits to interested Kane County MS4 partners.

Milestones:

Years 1-5: Advertise stencil kit availability through Kane County Stormwater Committee Annual Report and Kane County annual special MS4 Partners mailing. Distribute stencil kits as needed. Track stenciling events.

RESULTS: Stencil kits continue to be available to MS4's. The kits consist of one or more storm drain stencils, marking paint, instructions, a sample liability waiver, a stack of door hangers, and a tracking sheet.

4. CONSTRUCTION SITE RUNOFF CONTROL

a. BMP No. D3 – Other Construction Site Runoff Controls

Kane County Stormwater Ordinance

GOAL: Kane County adopted a Countywide Stormwater Management Ordinance in 2001 which regulates construction site and post-development stormwater runoff. The County enforces this stormwater program in unincorporated areas of the County as well as non-waiver communities who do not have the in-house resources to administer and enforce the Ordinance. The Kane County Stormwater Management Ordinance addresses all requirements of the Construction Site Runoff Control Measure.

Milestones:

Years 1-5: Implement the Kane County Countywide Stormwater Ordinance.

RESULTS: Kane County administered the countywide stormwater ordinance in the unincorporated area of Kane County as well as the Non-waiver communities who do not have the in-house resources to administer and enforce the Ordinance. This ordinance addresses all requirements of the Construction Site Runoff Control Measure with the exception of management of construction waste and concrete truck washout. The management of construction waste and concrete truck washout is currently regulated under other county ordinances.

5. POST- CONSTRUCTION RUNOFF CONTROL

a. BMP No. E2 – Regulatory Control Program

Kane County Stormwater Ordinance

GOAL: Kane County adopted a Countywide Stormwater Management Ordinance in 2001 which regulates construction site and post-development stormwater runoff. The County enforces this stormwater program in unincorporated areas of the County as well as non-waiver communities who do not have the in-house resources to administer and enforce the Ordinance. The Kane County Stormwater Management Ordinance addresses all requirements of the Post-Construction Runoff Control Measure.

Milestones:

Years 1-5: Implement the Kane County Countywide Stormwater Ordinance.

RESULTS:

Kane County administered the countywide stormwater ordinance in the unincorporated area of Kane County as well as the Non-waiver communities who do not have the in-house resources to administer and enforce the Ordinance. The Kane County Stormwater Management Ordinance addresses all requirements of the Post-Construction Runoff Control Measure.

6. POLLUTION PREVENTION/GOOD HOUSEKEEPING

a. BMP No. F1 – Employee Training Program

Workshops and Continuing Education

GOAL: In 2007 Kane County began a program to offer training and continuing education opportunities to its employees and Kane County MS4 partners through full-day and part-day seminars and workshops. This annual training offers Kane County the ability to address issues of concern in a timely and applicable manner. Kane County staff attends workshops or seminars offered by Kane County or other local groups or training organizations.

Milestones:

Years 1-5: Prepare training workshop on topic relevant to Kane County MS4 partners. Attend workshop. Advertise other training opportunities through Kane County annual special MS4 partners mailing. Kane County staffs to attend other relevant training opportunities.

RESULTS:

In 2013/2014, Kane County hosted several 2-hour webcasts inviting all MS4 partners and county staff. Webcasts are by the Center for Watershed Protection unless otherwise noted. The number of attendees is noted in brackets.

- 4/17/13 “Watershed Arithmetic – Crediting & Counting Your Practices” (4)
- 5/15/13 “Please Come Audit my MS4” (6)
- 6/19/13 “Mastering the Language of Talking to Elected Officials”
- 2/11/14 “Reimagining the Parking Lot and Roadway as a Stormwater Practice”
- 3/11/14 “The Life of a Stormwater Practice: The Role of Local Codes”

BMP F2 – Inspection and Maintenance Program

Storm Drain System Cleaning – Kane County Department of Transportation

GOAL: Operation and Maintenance Program for County MS4: Road-side swales are cleared of debris and garbage once a year by Kane County Division of Transportation staff. Catch basins and storm inlets in the County right-of-way are inspected and cleaned once per year. Catch basins and storm inlets at County Division of Transportation facility are inspected and cleaned quarterly.

Milestones:

Years 1-5: Continue annual county program to clean catch basins and storm inlets.

RESULTS:

The Kane County Division of Transportation changed the frequency with which County catch basins and storm inlets are cleaned; catch basins and storm inlets in Kane County highway ROW are now cleaned and inspected once every 2 years. Storms and basins at the Transportation complex are now cleaned twice a year. The basins in the plow truck parking garage are inspected monthly and cleaned as needed during the winter.

b. BMP No. F2 – Inspection and Maintenance Program
Fleet & Building Maintenance – Kane County Division of Transportation

GOAL: The following items are recycled by the County:
All types of used oil (engine, transmission, gear, and hydraulic)
Antifreeze
Oil filters
Tires
Batteries
Iron (scrap metal)
Cardboard

County vehicles are inspected according to the following schedule:
Heavy trucks (snow plows, etc.) = every 2000 miles or 180 days
Light trucks & cars = every 3000 miles or 90 or 180 days depending upon use
Heavy off-road equipment = every 50 hours or 180 days
Light off-road equipment = every 50 hours or 180 days

Milestones:
Years 1-5: Continue county program to recycle hazardous materials and perform fleet inspections.

RESULTS: The County continues to recycle hazardous materials and perform fleet inspections throughout the year.

c. BMP No. F2 – Inspection and Maintenance Program
Parking Lot and Street Cleaning

GOAL: The County will perform inlet/catch basin cleanings for other County properties such as the Government Center, North Campus, Old Court House, Judicial Center, and Events Center on an as-needed basis.

Milestones:
Year 1: Prepare map of County facilities to be cleaned. Clean facilities as needed.
Years 2-5: Clean facilities as needed.

RESULTS: No facilities were cleaned in 2013/2014.

d. BMP No. F2 – Inspection and Maintenance Program
Parking Lot and Street Cleaning – Other County Facilities

GOAL: In order to minimize pollutant export from parking lots and streets, the County will perform street and parking lot sweeping operations on County properties.

Milestones:
Year 1: Prepare map of County facilities to be cleaned and swept. Clean facilities as staff and vehicle time permit.
Years 2-5: Clean facilities as staff and vehicle time permit.

RESULTS: No facilities were cleaned in 2013/2014.

e. BMP F3 – Municipal Operations Storm Water Control
Road Salt Application and Storage

GOAL: Salt is stored indoors throughout the year to minimize concentrated salt washoff into the MS4. Each year, the Kane County Division of Transportation calibrates the salt dispensing rate of each snow plow truck. Each truck is equipped with a reference table that the driver can use to determine the optimal rate of pounds of salt dispensed per lane mile. Additionally, in house deicer training and snow plow training is conducted annually in which salt rates and dispensing procedures are discussed. Due to the

recommendations of the Kane County Division of Transportation Safety Committee, an outside trainer will be hired every three years to conduct comprehensive training. Kane County currently dispenses salt at a rate varying between 300 and 500 pounds per lane mile.

Milestones:

Years 1-5: Calibrate trucks and attend training – KDOT

RESULTS: Kane County Division of Transportation carried out the listed Road Salt Application and storage activities as stated, and completed the 2013-2014 training.

f. BMP F5 - Flood Management/Assessment Guidelines

Kane County Hazard Mitigation Program

GOAL: In 2003, Kane County adopted Illinois' first multi-objective Natural Hazard Mitigation Plan to fulfill the requirements of FEMA's Mitigation Grants programs. The Hazard Mitigation Plan assessed Kane County's risk to multiple natural hazards as well as set objectives for improving the County's hazard preparedness. Kane County coordinated the formation of the Kane County Hazard Mitigation Committee, comprised of municipal, township & nonprofit representatives. The County has worked on implementing the Hazard Mitigation Plan since 2003. The Kane County Environmental Management Department and Office of Emergency Management have acquired three FEMA Predisaster Mitigation Grants to further define the hazard mitigation priorities within the county. One of the main focuses of the Mitigation Committee's efforts has been on flood hazard reduction. By focusing on flood hazard reduction and working to buyout repetitively flooded properties or elevate structures, the County is working to improve water quality by removing potential pollutants from the floodplain.

Milestones:

Year 1: Produce Update to Kane County Natural Hazard Mitigation Plan. Continue coordination and participation of Hazard Mitigation Program.

Years 2-5: Continue coordination and participation of Hazard Mitigation Program.

RESULTS: Kane County produced an update to the Kane County Natural Hazard Mitigation Plan in 2008. FEMA gave approval to the Plan Update in February 2010. The updated plan was adopted by participating municipalities. Kane County continued to host Hazard Mitigation Committee meetings twice a year and provide an avenue for discussing updates, improvements, and challenges to natural hazard mitigation activities. Kane County is in the process of applying for the Community Rating System through NFIP and anticipates entering the program in 2014.

C. RESULTS OF INFORMATION COLLECTED AND ANALYZED

No monitoring data was collected and analyzed during the reporting period.

D. SUMMARY OF ANTICIPATED ACTIVITIES DURING NEXT REPORTING CYCLE

As this report completes the 5 year cycle, Kane County will be providing a revised schedule of anticipated activities in the fall with our permit renewal.

E. RELIANCE ON ANOTHER GOVERNMENTAL ENTITY

Kane County is not relying on another governmental entity to satisfy our permit obligations.

F. CONSTRUCTION PROJECT LIST:

The following Kane County Road construction projects were active during 2013/2014:

	Project #	Project Name
1	06-00214-02-LS	Stearns Road Bridge Landscaping
2	06-00214-11-LS	Mclean Fen
3	10-00404-00-CH	Fabyan-IL 25 to Nagel
4	08-00380-00-BR	Burlington over Virgil Ditch #2
5	08-00384-00-BR	Keslinger over Trib to Mill Creek
6	11-00202-03-BR	Orchard over I88 Bridge Repairs
7	12-00416-00-BR	2013 Bridge Maintenance
8	12-00425-00-BR	Beam Straightening on IL Route 20
9	13-00428-00-BR	Kirk Rd over UPRR Deck Patching
10	08-00382-00-BR	Jericho over Rob Roy Creek
11	11-00392-01-TD	529 Pace Shelter Improvements
12	01-00274-00-BR	Anderson Rd expansion
13	08-00369-00-SP	Randall at Big Timber-Right Turn Imp.
14	13-00427-00-RS	County Resurfacing Program
15	13-00000-03-GM	County Pavement Preservation Program
16	13-00000-02-GM	County Crack Sealing Program