

COUNTY OF KANE

ENVIRONMENTAL AND BUILDING MANAGEMENT

Timothy Harbaugh, P.E., Director



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

May 29, 2007

To Whom It May Concern:

Attached is our annual report to the National Pollutant Discharge Elimination System. No changes have been made to the Best Management Practices originally included in Kane County's 2003 Notice of Intent.

Please let me know if you have any questions or would like additional information on any of these measures.

Thank you,

A handwritten signature in black ink that reads "Karen Kosky". The signature is fluid and cursive.

Karen Kosky
Watershed Engineer

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
ANNUAL FACILITY INSPECTION REPORT
NPDES PERMIT FOR STORM WATER DISCHARGES
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)**

Website address: <http://www.epa.state.il.us/water/permits/storm-water/forms/annual-facility-inspection-ms4.pdf>

Complete each section of this report.

REPORTING PERIOD FROM: MARCH, ____	TO: MARCH ____	ILR40
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MS4 OPERATOR INFORMATION: (As it appears on the current permit)

NAME:		TELEPHONE NUMBER:	
MAILING ADDRESS:			
CITY:	STATE:	ZIP:	COUNTY:
CONTACT PERSON: (Person responsible for Annual Report)			

NAME(S) OF GOVERNMENTAL ENTITY(IES) IN WHICH MS4 IS LOCATED: (As it appears on the current permit)

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	4. Construction Site Runoff Control
2. Public Participation/Involvement	5. Post-Construction Runoff Control
3. Illicit Discharge Detection & Elimination	6. Pollution Prevention/Good Housekeeping

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.

SIGNATURE:	DATE:
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Please submit inspection reports to:

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

Information required by this form must be provided to comply with 415 ILCS 5/39 (1996). Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
ANNUAL FACILITY INSPECTION REPORT
YEAR 4 - 2007
NPDES PERMIT FOR STORM WATER DISCHARGES
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
Kane County, Illinois

A. CHANGES TO BEST MANAGEMENT PRACTICES

There are no changes to Best Management Practices for the six minimum control measures as submitted in the original NOI for Kane County.

B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

Kane County is confident the BMPs that were originally selected are the best choice to meet the requirements of the NPDES Phase II Program. All Best Management Practices have been implemented on or ahead of schedule as described in Kane County's 2003 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

Brochure Development and Distribution

GOAL: To print two brochures for distribution.

RESULTS: Draft designs for two brochures were developed with members of the Friends of the Fox River environmental group. Due to budget constraints and re-adjusted priorities, the County was unable to print the brochures this year. Kane County will continue to seek means to print these brochures in 2007/2008.

b. BMP No. A2 - Speaking Engagement

Speaker's Bureau

GOAL: Mail notice of available speakers bureau to program chairs of local groups and conduct two presentations.

RESULTS: Kane County staff made presentations to local groups on an as-needed basis. County staff made presentations to the Fox River Ecosystem Partnership, High School groups, the Batavia EnvironExpo Fair, and other groups in 2006/2007. Due to budget constraints and re-adjusted priorities, the County was unable to make an official Speaker's Bureau officially available to groups this year.

c. BMP No. A3 – Public Service Announcement

Newspaper and Newsletter Articles

GOAL: Place three columns in local newspapers; distribute three articles to municipalities and chambers of commerce.

RESULTS: The County continues to work on developing newspaper and newsletter articles. Due to staff constraints and re-appropriated priorities, The County was unable to distribute articles to municipalities and chambers of commerce, but plan to pursue those activities in the coming year.

d. Other Public Service Announcement Activities:

1. School Education – The County has, in the past, contracted with the Kane-DuPage Soil & Water Conservation District (KDSWCD) to conduct related K-12 educational activities in Kane County schools. During the 2006-2007 school year, the District presented water-related programs in several local schools.

2. Public Education – The County published the annual edition of “Kane County Recycles” which includes information on household hazardous waste and used motor oil recycling programs. 110,000 copies were distributed in local newspapers. The information contained in the Kane County Recycles publication can be found online at <http://www.co.kane.il.us/Environment/recycle/index.htm>.
3. The Kane County Stormwater Management Committee Annual Report was prepared and distributed to approximately 400 individuals and organizations in and around Kane County.
4. The County’s Environmental Management Department website was further updated in 2006/2007 and now includes improved access to, and information about, flooding and water conservation information for Kane County residents. The Kane County Environmental Management Department website address is www.co.kane.il.us/kcstorm/index.asp .

e. BMP No. A6 – Other Public Education

Tributary Signage

GOAL: Coordinate installation of tributary signage at ten stream crossings.

RESULTS: In 2003, Kane County developed standard tributary identification signs featuring the winning artwork from a student poster contest. Prior to 2006, the signs were placed at 130 stream crossings. Both the Kane County Division of Transportation and 10 separate municipalities and townships have participated in installing stream signs.

2. PUBLIC PARTICIPATION/INVOLVEMENT

a. BMP No. B5 – Volunteer Monitoring

Stream Monitoring Program

GOAL: Continue stream monitoring at all established monitoring locations.

RESULTS: The Friends of the Fox River continued to operate its stream monitoring network, although not under contract with Kane County. A total of 44 locations are now being monitored throughout Kane County. In 2006 Kane County assisted the Friends of the Fox River in assembling a website to display and disseminate data from the monitoring. The website link is http://www.friendsofthefoxriver.org/frwmn-sites/frwmn_main.htm .

b. BMP No. B7 – Other Public Involvement

Stream Clean-up Program

GOAL: Provide financial support to 10 stream clean-up events.

RESULTS: The County met its goal of providing financial assistance for 10 stream cleanups in Kane County prior to 2006. Six stream cleanups were funded in 2006/2007 at a cost of \$1,500 to Kane County. Through this program local nonprofit environmental groups completed clean-up events on the Fox River.

c. BMP No. B7 – Other Public Involvement

Storm Drain Stenciling Program

GOAL: Coordinate six stenciling events.

RESULTS: The Kane-DuPage Soil & Water District continues to make storm drain stenciling supplies available to local interested groups.

d. Other Public Participation/Involvement Activities:

1. Public Meetings – Kane County conducted four bi-monthly public meetings of the Kane County Stormwater Management Committee to discuss stormwater management and water quality issues.
2. Used Motor Oil and Household Hazardous Waste Programs – The County conducted two drop-off events for used motor oil which were attended by 339 participants. 6,500 gallons of used motor oil were collected for recycling.
3. The County continued operation of its comprehensive Household Hazardous collection program. The program includes a permanent drop-off facility, a one-day collection event, and a door-to-door collection service. A total of 2,469 households participated in this program during the past year.

3. ILLICIT DISCHARGE DETECTION AND ELIMINATION

a. BMP No. C1 – Storm Sewer Map Preparation

Stormwater System Mapping

GOAL: Complete map of stormwater outfalls to receiving streams in the County.

RESULTS: The Kane County Division of Transportation has mapped the approximately 5,000 structures on 62.4 miles of County maintained roads. The map will be updated on an annual basis.

b. BMP No. C10 – Other Illicit Discharge Controls

Kane County Employee Training Program to Identify Illicit Discharges

GOAL: All Health Department inspectors trained.

RESULTS:

1. 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 responds to reported septic complaints within five working days. Once a problem is identified, the Health Department works with the property owner to correct the problem as quickly as possible. If necessary, the county will issue a notice to appear in court to the offending property owner to ensure the septic failure is corrected. All complaints are entered into a database to aid staff in complaint tracking.

The Kane County Health Department provides annual training to the public in the form of a two-hour informational class on how to maintain a septic system and has septic care brochures available.

4. CONSTRUCTION SITE RUNOFF CONTROL

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

GOAL: Through proposed revisions to the County Ordinance, pursue regulating construction site pollution.

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. Revisions were made to the County Ordinance in 2005/2006, but the revisions did not address requiring construction site operators to actively

manage construction site waste such as discarded building materials, concrete truck washout, etc. at the construction area in order to minimize adverse impacts to water quality. This was considered but is currently regulated under other ordinances.

5. POST-CONSTRUCTION RUNOFF CONTROL

a. BMP No. E2 – Regulatory Control Program

GOAL: Administer current ordinances.

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. In 2005/2006, Kane County completed an audit of all certified communities reviewing their procedures, adherence to the countywide ordinance, etc. In 2006/2007, the County completed a wetlands audit, to review select municipalities' adherence to the Stormwater Ordinance's wetland mitigation specifications.

6. POLLUTION PREVENTION/GOOD HOUSEKEEPING

a. BMP No. F1 – Employee Training Program

Employee Pollution Prevention Reference Manual

GOAL: Hold an employee training seminar for KDOT maintenance personnel.

RESULTS: Due to budget constraints and re-adjusted priorities, the County was unable to print and distribute the reference manual this year. The County will pursue updating of, and distribution of, the reference manual in 2006/2007.

b. BMP No. F2 – Inspection and Maintenance Program

Storm Drain System Cleaning

GOAL: To add the Old Court House to the revised storm drain cleaning program.

RESULTS: Kane County began a schedule of cleaning storm drains every other year in 2005. The 2004 program included all facilities slated to be cleaned through 2005 (Government Center and Judicial Center). No facility storm drains were cleaned in 2006/2007. The next cleaning is scheduled for 2008.

c. BMP No. F2 – Inspection and Maintenance Program

Parking Lot and Street Cleaning

GOAL: To add the Old Court House to the revised street/parking lot cleaning program.

RESULTS: The County performs street and parking lot cleaning on an every-other-month basis. Facilities including the Government Center and Judicial Center were cleaned in 2006/2007. In 2007/2008, all facilities slated to be cleaned as mentioned in the original Notice of Intent will be included in the program as needed (Government Center, Judicial Center, Corrections Facility, Old Courthouse).

C. RESULTS OF INFORMATION COLLECTED AND ANALYZED

No monitoring data was collected and analyzed during the reporting period other than the monitoring data made available online through the Friends of the Fox River's webpage (http://www.friendsofthefoxriver.org/frwmn-sites/frwmn_main.htm.)

D. SUMMARY OF ANTICIPATED ACTIVITIES DURING NEXT REPORTING CYCLE

1. PUBLIC EDUCATION AND OUTREACH

a. BMP No. A1 - Brochure Development and Distribution

Kane County has been unable to finalize the design and distribution of the two public education brochures during the past four years of this NPDES Phase II permit cycle. If staff and/or funding resources become available, this task will be pursued during year 5. Otherwise, alternative public education and outreach methods will be investigated for the next Kane County NOI permit application.

b. BMP No. A2 - Speaker's Bureau

Kane County staff will continue to make presentations to local groups as requested. During the next reporting cycle, the need for the assembly of a larger group of speakers' names will be reassessed. If a list is assembled, the list will be posted to the Kane County Department of Environmental Management's website (<http://www.co.kane.il.us/Environment/index.asp>) and distributed to the program chairs of local groups.

c. BMP No. A3 – Newspaper and Newsletter Articles

Kane County has not yet finalized newspaper or newsletter articles for distribution in municipal or township newsletters or local newspapers. In year 5, Kane County staff will seek to develop a list of relevant topics for such articles, and to write and place two columns in local newspapers and municipal or township newsletters or chamber of commerce newsletters.

d. BMP No. A6 – Tributary Signage

Progress on this item was far greater than anticipated; 147 stream signs were placed in the first three years of this project, exceeding the anticipated number to be placed over the NPDES Phase II 5 year cycle. The signs printed under the current program have been exhausted, and the Kane County Division of Transportation is investigating the need to produce more.

2. PUBLIC PARTICIPATION/INVOLVEMENT

a. BMP No. B5 – Stream Monitoring Program

Progress on this item was also far greater than originally anticipated; 44 stream monitoring locations are currently active in Kane County. Through the end of the five-year NPDES Phase II cycle, those 44 locations will continue to be monitored and results posted to the Friends of the Fox monitoring website - http://www.friendsofthefoxriver.org/frwmn-sites/frwmn_main.htm (made possible with assistance from Kane County.)

b. BMP No. B7 – Stream Clean-up Program

Due to budget constraints, stream cleanups will not be funded in 2007/2008. Groups previously funded through Kane County's Stream Clean-up Program continue to clean up streams in the Fox River watershed.

c. BMP No. B7 – Storm Drain Stenciling Program

Continue to make stenciling materials available to local schools and groups, and if staff or funds allow, coordinate stenciling events.

3. ILLICIT DISCHARGE DETECTION AND ELIMINATION

a. BMP No. C1 – Stormwater System Mapping

Update the map of 5000+ stormwater system outfalls in Kane County for 2007/2008.

b. BMP No. C10 – Kane County Employee Training Program to Identify Illicit Discharges

Illicit discharge training to be offered to Kane County employees.

4. CONSTRUCTION SITE RUNOFF CONTROL

a. BMP No. D3 – Kane County Ordinance

Continue to pursue regulating construction site pollution through the application and enforcement of the Kane County Countywide Stormwater Ordinance.

5. POST-CONSTRUCTION RUNOFF CONTROL

a. BMP No. E2 – Kane County Ordinance

Continue to pursue regulating post-construction runoff control through the application and enforcement of the Kane County Countywide Stormwater Ordinance.

6. POLLUTION PREVENTION/GOOD HOUSEKEEPING

a. BMP No. F1 – Employee Training Program/Employee Pollution Prevention

Kane County staff will work to finalize the Employee Pollution Prevention Reference Manual and to make it available to all Kane County Division of Transportation employees. In lieu of conducting training seminars for Kane County Division of Transportation staff, management shall attend BMP training workshops as they are available and as funds allow.

b. BMP No. F2 – Storm Drain System Cleaning

Clean all facility storm drains in the Kane County urbanized area as listed in the original Notice of Intent as staff and funding allow.

c. BMP No. F2 – Parking Lot and Stream Cleaning

All facilities included in the Kane County urbanized area and included in the original Notice of Intent are to be cleaned each year as staff and funding are available.

E. RELIANCE ON ANOTHER GOVERNMENTAL ENTITY

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

F. CONSTRUCTION PROJECT LIST:

1. Kane County's Division of Transportation maintains a website with current and planned construction projects: <http://www.kanecountyprojects.com/>

Projects currently slated for construction:

1. Bliss Road over Blackberry Creek
2. Meredith Road over Union Ditch No. 3
3. Main Street over Mill Creek
4. Corron Road over Bowes Creek
5. Bowes Road over Otter Creek
6. Silver Glen Road over a branch of Ferson Creek
7. Plank Road over Burlington Creek
8. Route 38 and Kirk Road
9. Route 64 and Randall Road
10. Route 56 and Kirk Road
11. Orchard Road and Jericho Road
12. McLean Boulevard Capacity Improvements
13. Stearns Road - Wetland Mitigation