

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

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 with the exception of adding E2 in the Post-Construction Runoff Control Section. This was inadvertently omitted from the original NOI.

B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS – Kane County is confident the BMP'S that were originally selected are the best choice to meet the requirements of the NPDES Phase II Program.

1. PUBLIC EDUCATION AND OUTREACH

a. **BMP No. A1 – Distributed Paper Material - Brochure Development and Distribution**

GOAL: To revise content of both brochures to make them specific to Kane County.

RESULTS: Brochure Development – The County contracted with The Friends of the Fox to revise two brochures, “Welcome to your Watershed” and “Riverfront Property Owners Guide” during the coming year.

b. **BMP No. A2 - Speaking Engagement - Speaker’s Bureau**

GOAL: To conduct research and develop presentations

RESULTS: The County has and continues to conduct research on topics of interest and forums for presentation. Presentations are being developed.

c. **BMP No. A3 – Public Service Announcement - Newspaper and Newsletter Articles**

GOAL: To conduct research and collect information to be included in articles.

RESULTS: 1. The County has and continues to conduct research on information to be included in articles.

2. School Education – The County contracted with the Kane-DuPage Soil & Water Conservation District (KDSWCD) to conduct related K-12 educational activities in Kane County schools. During the 2004-04 school year, the District presented 11 water-related programs in 8 schools and one 4H club, directly reaching 936 students. In addition, a groundwater model was used to demonstrate the importance of water resources to 2,500 4th grade students during the annual Kane County Ag Days.

The County prepared and distributed the Fall, 2003 issue of “EnviroNews” to all schools and 150 targeted teachers in Kane County.

3. 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. 140,000 copies were distributed in local newspapers.

4. The Kane County Stormwater Management Committee Annual Report was prepared and distributed. A series of water usage facts and conservations tips were compiled and placed on the County website.

d. BMP No. A6 – Other Public Education – Tributary Signage

GOAL: Develop formal sign standards and a prioritization plan to identify which crossings will be included and a schedule for installation.

RESULTS: Tributary Signage - The County developed standard tributary identification signs, featuring the winning artwork from a student poster contest. The signs were placed at 42 intersections of county roads and waterways. The County ordered 150 additional signs and offered them to municipalities and townships. To date, four municipalities have committed to installing the signs at waterway crossings in their jurisdictions.

2. PUBLIC PARTICIPATION/INVOLVEMENT

a. BMP No. B5 – Volunteer Monitoring – Stream Monitoring Program

GOAL: To conduct stream monitoring at 10 new sites.

RESULTS: The County contracted with the Friends of the Fox River to expand its stream monitoring network. 20 new monitoring sites on 11 different waterways were established during the past year.

b. BMP No. B7 – Other Public Involvement – Stream Clean-up Program

GOAL: To announce availability of county funding. Provide financial support to 10 stream clean-up events.

RESULTS: The County provided financial support to three different organizations to conduct 10 separate clean-up events on the Fox River.

IN ADDITION:

1. Public Meetings – the County conducted six 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 three drop-off events for used motor oil which were attended by 447 participants. 6,900 gallons of used motor oil were collected for recycling. The County also continued operation of its comprehensive Household Hazardous collection event, and a door-to-door collection service. A total of 3,617 households participated in this program during the past year.**
3. **Storm Drain Stenciling Program – The County contracted with the Kane-DuPage Soil and Water District to establish a storm drain stenciling program. Supplies have been acquired and solicitation of potential participants will begin during the next reporting period.**

3. ILLICIT DISCHARGE DETECTION AND ELIMINATION

a. **BMP No. C1 – Storm Sewer Map Preparation – Stormwater System Mapping**

GOAL: To develop plan to incorporate stormwater outfalls into current County GIS mapping.

RESULTS: During the first year, a plan was developed to incorporate stormwater structures that are contained within the ROW limits of Kane County Maintained Roadways. This data collection activity is being completed by a consultant, the Transmap Corporation. Data collection of Stormwater features within the ROW was completed on March 30. Delivery of the data is expected June 1. Kane County Division of Transportation staff also collected data and will use that as a comparison/quality control of the data delivered by Transmap Corporation.

b. **BMP No. C10 – Other Illicit Discharge Controls – Kane County Employee Training Program to Identify Illicit Discharges**

GOAL: To develop programs to train Health Department inspectors and County employees.

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.

2. 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. D7 – Other Construction Site Runoff Controls – Other Construction Site Runoff Controls

GOAL: To 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 resource 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.

5. POST-CONSTRUCTION RUNOFF CONTROL

a. BMP No. E2 – Regulatory Control Program

GOAL: Year One Goal was to 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 addition the County completed an audit of all certified communities reviewing their procedures, adherence to the countywide ordinance, etc.

6. POLLUTION PREVENTION/GOOD HOUSEKEEPING

a. BMP No. F1 – Employee Training Program – Employee Pollution Prevention Reference Manual

GOAL: To prepare employee pollution prevention reference manual and begin distribution to Kane Dept. of Transportation (KDOT) employees. Develop a short training seminar to educate County employees on pollution prevention in the workplace.

RESULTS: 1. Employee Pollution Prevention Reference Manual has been developed. Items addressed include materials storage, storm sewer/catch basin cleaning, roadside ditch maintenance, fleet maintenance, and proper hazardous waste disposal.

2. A short training seminar is being developed for presentation to County employees.

b. **BMP No. F2 – Inspection and Maintenance Program – Storm Drain System Cleaning**

GOAL: To review current storm drain cleaning program and develop a new plan to include additional County properties such as the Corrections facility, Government Center, Old Courthouse, Judicial Center, Events Center, etc.

RESULTS: The County has reviewed current storm drain cleaning programs and is developing a new schedule to include County properties as funding permits.

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

GOAL: To review current street and parking lot sweeping program and develop a new plan to include additional County properties such as the Corrections facility, Government Center, Old Courthouse, Judicial Center, Events Center, etc.

RESULTS: The County has reviewed current street and parking lot sweeping programs and is developing a schedule to include County properties as funding permits.

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

1. PUBLIC EDUCATION AND OUTREACH

a. **BMP No. A1 - Brochure Development and Distribution** - Print brochures. Mail “Riverfront Property Owners Guide” to property owners in the County living along the Fox River. Distribute 1,000 copies of “Welcome to Your Watershed” to residents in the County.

b. **BMP No. A2 - Speaker’s Bureau** - Mail notice of availability to program chairs of local groups. Conduct two presentations.

c. **BMP No. A3 – Newspaper and Newsletter Articles** – Place three columns in local newspapers, distribute three articles to municipalities and chambers of commerce.

d. **BMP No. A6 – Tributary Signage** – Coordinate installation of tributary signage at ten stream crossings.

2. PUBLIC PARTICIPATION/INVOLVEMENT

- a. BMP No. B5 – Stream Monitoring Program – Continue stream monitoring at previous 10 sites; add 10 additional sites.**
- b. BMP No. B7 – Stream Clean-up Program – Provide financial support to 10 stream clean-up events.**
- c. BMP No. B7 – Storm Drain Stenciling Program – Coordinate 6 stenciling events.**

3. ILLICIT DISCHARGE DETECTION AND ELIMINATION

- a. BMP No. C1 – Stormwater System Mapping - Conduct field reconnaissance to identify all stormwater outfalls to receiving streams in the Urbanized Area.**
- b. BMP No. C10 – Kane County Employee Training Program to Identify Illicit Discharges – All Health Department inspectors will be trained.**

4. CONSTRUCTION SITE RUNOFF CONTROL

- a. BMP No. D7 – Kane County Ordinance – Pursue regulating the construction site pollution.**

5. POST-CONSTRUCTION RUNOFF CONTROL

- a. BMP No. E2 – Kane County Ordinance – Continue enforcing Countywide Stormwater Ordinance.**

6. POLLUTION PREVENTION/GOOD HOUSEKEEPING

- a. BMP No. F1 – Employee Training Program/Employee Pollution Prevention Reference Manual – Distribute employee pollution prevention reference manual to all KDOT employees.**
- b. BMP No. F2 – Storm Drain System Cleaning – Government Center included in revised storm drain cleaning program.**
- c. BMP No. F2 – Parking Lot and Stream Cleaning – Government Center included in revised street/parking lot cleaning program.**

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. KDOT did minor intersection improvements at Hopps and Randall Road and Randall and Royal Road. An NOI was submitted for these projects, and the fee was paid.**
- 2. Temporary Signals were installed at Huntley/Square Barn. No paving or earthwork was done. Other than the installation of the the poles, no ground was disturbed.**
- 3. Water main was relocated within and adjacent to about 3000' of McLean Blvd.**
- 4. Maintenance has occurred and will continue to occur at five county bridges. They are Main Street over Blackberry Creek, Big Timber over Tyler Creek, Big Timber over Pingree Creek, Randall Road over the Union Pacific and Tyler Creek, and Main Street over Welch Creek. Most of the work involved concrete patching, guardrail replacement, structural steel work, sheetpiling installation and channel excavation.**
- 5. Bridge Replacement occurred at the Big Timber bridge over Tyler Creek (near Tyrell Road).**