

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
ANNUAL FACILITY INSPECTION REPORT – 2005 – **YEAR 2**  
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 print two brochures for distribution.

**RESULTS:** The County continues to work with The Friends of the Fox River to revise the two brochures “Welcome to your Watershed” and “Riverfront Property Owners Guide” to be completed during the coming year. Due to staff constraints and re-appropriated priorities, we were unable to print the brochures this year but plan to have them printed in the coming year.

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

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

**RESULTS:** The County continues to work on developing presentations to local groups. Due to staff and budget constraints and re-appropriated priorities, we were unable to conduct two presentations this year, but plan to pursue that in the coming 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:** 1. The County continues to work on developing newspaper and newsletter articles. Due to staff constraints and re-appropriated priorities, we were unable to distribute three articles to municipalities and chambers of commerce, but plan to pursue that in the coming year.

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 2004-05 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 4<sup>th</sup> grade students during the annual Kane County Ag Days.

The Winter 2005 issue of “EnviroNews” was distributed 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. 150,000 copies were distributed in local newspapers.

4. The Kane County Stormwater Management Committee Annual Report was prepared and distributed.

5. The County expanded its website to include an entire section on flooding information for Kane County residents.

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

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

**RESULTS:** Tributary Signage - The County developed standard tributary identification signs, featuring the winning artwork from a student poster contest. The signs were previously placed at 42 intersections of county roads and waterways. During this reporting period, another 144 signs were installed at stream crossings in the Cities of Batavia and St. Charles, the Villages of East Dundee and Gilberts, and Aurora, Blackberry, Dundee, Elgin, Plato, and St. Charles Townships.

**2. PUBLIC PARTICIPATION/INVOLVEMENT**

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

**GOAL:** Continue stream monitoring at the previous 10 sites; add 10 additional sites.

**RESULTS:** The County continued to contract with the Friends of the Fox River to operate its stream monitoring network. A total of 44 locations are now being monitored throughout Kane County.

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

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

**RESULTS:** The County made this program available and one clean-up event on the Fox River occurred.

c. **BMP No. B7 – Other Public Involvement** – Storm Drain Stenciling Program

**GOAL:** Coordinate six stenciling events.

**RESULTS:** The County contracted with the Kane-DuPage Soil & Water District to establish a storm drain stenciling program. Supplies were provided to the North Aurora Lions Club to conduct one stenciling event.

**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 one drop-off event for used motor oil which was attended by 237 participants. 4,000 gallons of used motor oil were collected for recycling. The County also continued operation of its comprehensive Household Hazardous collection program which includes a permanent drop-off facility, and one-day collection event, and a door-to-door collection service. A total of 3,860 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:** Conduct field reconnaissance to identify all stormwater outfalls to receiving streams in the Urbanized Area.

**RESULTS:** Field reconnaissance was conducted and a schedule has been developed to address the approximately 5,000 structures on 62.4 miles of County maintained roads in the coming year.

- 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.

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. D3 – Other Construction Site Runoff Controls – Other Construction Site Runoff Controls**

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

**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, but did not address requiring construction site operators 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:** 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 distribute employee pollution prevention reference manual to all KDOT employees.

**RESULTS:** The County decided to wait and distribute the reference manual in Year 3.

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

**GOAL:** To add the Government Center to revised storm drain cleaning program.

**RESULTS:** The County completed the storm drain cleaning program at the Government Center in September, 2004. In addition, the Judicial Center was also included in this year's storm drain cleaning program.

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

**GOAL:** To add the Government Center to revised street/parking lot cleaning program.

**RESULTS:** The County completed the street/parking lot cleaning program at the Government Center in September, 2004. In addition, the Judicial Center was also included in this year's street/parking lot cleaning program.

**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 44 locations that are now being monitored throughout Kane County.

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** - Complete inventory of stormwater outfalls to receiving streams.

b. **BMP No. C10 – Kane County Employee Training Program to Identify Illicit Discharges** – Illicit discharge education materials distributed to County employees.

**4. CONSTRUCTION SITE RUNOFF CONTROL**

- a. BMP No. D3 – Kane County Ordinance** – Continue to 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 at short training seminar.
- b. BMP No. F2 – Storm Drain System Cleaning** – Corrections Facility included in revised storm drain cleaning program.
- c. BMP No. F2 – Parking Lot and Stream Cleaning** – Corrections Facility 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. Route 38 and LaFox Road Intersection Improvement
2. Orchard Road from Prairie to Indian Trail (Add Lanes)
3. Keslinger Road over Blackberry Creek Bridge Replacement