

**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, 2003	TO: MARCH 2007	ILR40 0620
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MS4 OPERATOR INFORMATION: (As it appears on the current permit)

NAME: Kankakee County	TELEPHONE NUMBER: 815/937-3642		
MAILING ADDRESS: 189 East Court Street			
CITY: Kankakee	STATE: IL	ZIP: 60901	COUNTY: Kankakee County
CONTACT PERSON: (Person responsible for Annual Report)		Michael VanMill, Planning Director	

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

Kankakee 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.

SIGNATURE:

DATE:

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.

Minimum Control Measures and BMP Implementation

Minimum Control Measures

1.) Public Education / Outreach

- BMP#1 - Distribution of Paper Material
- BMP#2 - Speaking Engagement
- BMP#6 – Other Public Education

These three BMPs were satisfied during the period from September 2003 through December 2006 as a result of the numerous meetings of the Storm Water Technical Advisory Committee (STAC), various workshops and events for public officials and home builders held to discuss storm water issues, participation on the Trim Creek Watershed Plan steering committee, sponsorship of a “Kankakee River Basin Expo” and membership on the Kankakee River Basin Commission. (The County has held a permanent board seat since the group was formed in 1996.) A list of meeting and workshop dates and topics is attached as appendix A.

2.) Public Participation / Involvement

- BMP#1 – Public Panel
- BMP#3 – Stakeholder Meeting
- BMP#4 – Public Hearing
- BMP#7 – Other Public Involvement

These BMPs were also satisfied as a result of the meetings and events cited above. Additional opportunities for participation by stakeholders and involvement by the general public in storm water related issues were possible as a result of the annual NIAA River Cleanup (Kankakee County sponsorship grant of \$2,000 each year for 2004 and 2005), an exhibit regarding the proposed storm water ordinance at the Kankakee River Basin Expo held in May of 2006, and attendance at monthly meetings of the Kankakee River Basin Commission. The County has sponsored several Household Hazardous Waste Collection events, waste tire collections and various recycling promotions which encourage area citizens and students to participate. These events raise the environmental awareness of their participants and help reduce the potential impacts of these materials on the storm water quality. Further details of these activities are given on the attached list. Appendix B.

3.) Illicit Discharge Detection and Elimination

- BMP#1 – Storm Sewer Map Preparation
- BMP#2 – Regulatory Control Program
- BMP#3 – Detection / Elimination Prioritization Plan
- BMP#5 – Illicit Source Removal Procedures

The County is engaged in a program to create digital maps of the county based on aerial photography. These maps are created in GIS format and are used for several different purposes by the County and participating municipalities. The most recent aerial photography was done in March of 2006. This work was done in such a way to allow for two foot contours to be shown on the “topography” layer of the GIS mapping. This will facilitate determination of the probable course of surface water drainage in any area of the County and will be useful in tracking and predicting the impacts of illicit discharges. The final draft of this latest version of the mapping is anticipated to be in place by June of 2007. Since the County does not own or operate any storm sewers, the topographic

mapping is about as much as can be done to satisfy **BMP#1**. The maps will be updated periodically as new aerial photography is performed.

The County has established a regulatory control program with the development and adoption of its "Storm Water Management Ordinance". This document was adopted by County resolution on May 11, 2006 and became effective August 1, 2006. This action satisfies the intent of **BMP#2**. The ordinance will need to be kept up to date by periodic revisions and additions to reflect experience and circumstances over time. The resolution and ordinance are attached as appendix C.

At this point, the County has not performed any monitoring or "surveys" of its storm water system as a basis for detecting / eliminating illicit discharges. Therefore, any such discharges have not been prioritized and no plan has been developed to eliminate illicit discharges. However, the newly established Storm Water Management Ordinance does prohibit discharges of non-storm water and contaminated flows to the storm water drainage system. The ordinance also establishes reporting requirements for any release of prohibited discharges and legal authority to force correction of violations and the ability to assess fines and penalties for improper discharges. Development of a prioritization plan is on-going and when established, will satisfy the intent of **BMP#3**. The ordinance does provide the County with a basis for requiring corrective action when illicit discharges are identified as a result of inspections or public complaints. . However, even without an established procedure, the County has demonstrated the ability to respond to, identify the source of, and cause correction of illicit discharges to its storm water drainage system. The County's response to three incidents which occurred in 2006 supports this claim. County staff assisted IEPA personnel in their response to water quality impacts resulting from run-off from a feed lot into Fork Creek on 2/23/06. They also identified the source of and issued letters requiring removal and proper disposal of trash and debris deposited along Baker Creek by a property owner on 2/22/06. The third incident involved illicit dumping of waste syrup into a ditch tributary to the Kankakee River near Momence Illinois on 6/1/06. Details of these incidents are provided in appendix F.

Development of standard procedures for dealing with illicit discharges to the storm water system under the County's jurisdiction is a task planned for the coming year. The inspection and enforcement powers set forth in the ordinance will be the basis for developing policies and procedures to be followed to implement corrective actions when illicit discharges are identified. The intent of **BMP#5** will be satisfied when these procedures are put in place.

4.) Construction Site Runoff Control

- BMP#1 – Regulatory Control Program
- BMP#2 – Erosion & Sediment Control BMPs
- BMP#3 – Other Waste Control Program
- BMP#4 – Site Plan Review Procedures
- BMP#6 – Site Inspection / Enforcement Procedures

The Storm Water Management Ordinance adopted on May 11, 2006 establishes the regulatory control program for Construction Site Runoff required to satisfy **BMP#1**. Periodic reviews and revisions may be necessary to keep the ordinance current with future regulatory requirements and county issues.

The ordinance and the "Kankakee County Storm Water Technical Reference Manual" (TRM) provide guidance for developing erosion & sediment control BMPs to comply with the storm water management requirements of the ordinance. The TRM document was developed and adopted with the storm water ordinance. As with the ordinance, the TRM should be reviewed and revised over time to

reflect new techniques and concepts regarding storm water and erosion control. The TRM satisfies the intent of **BMP#2**. The TRM document is attached as appendix D.

The County has a Solid Waste Management Plan and Solid Waste Disposal and Recycling ordinance which requires the use of proper solid waste and refuse storage, collection, and disposal practices within the county. These requirements apply to all homes, commercial, institutional, and industrial facilities within the County's jurisdiction. Section Two – Construction Site Runoff Control, Article 1.B of the storm water ordinance requires proper control, containment and removal of any waste materials generated on site by the permitted project. The County Building Inspection personnel check compliance with the solid waste ordinance requirements as part of their inspection of construction sites. This satisfies the intent of **BMP#3**.

The Kankakee County Soil and Water Conservation District (SWCD) has entered into an agreement with the County to provide assistance with the site plan review process. This agreement was signed and is effective as of December 12, 2006. The agreement is attached as appendix E. For small (individual home sites) construction projects, the contractor / builder / home owner will meet with SWCD staff and develop a suitable erosion control plan prior to obtaining a building permit from the County. The necessary application documentation is included in Appendix E of the ordinance. For larger developments (subdivisions), any required development plans and erosion controls and storm water management design elements will be completed by the developer's engineers and sealed. Required IEPA permits must be obtained by the developer. The plans will then be submitted to the County to receive approval by the necessary officials before a building permit is issued. Any engineering details related to the storm water management design will be reviewed by an engineer either on staff with County or under a contractual arrangement. The County Subdivision Rules and Regulations were amended January 9, 2007 to require review of all plans by an "Independent Illinois Licensed Engineer" in the event that the County does not have in-house engineering services. This ordinance amendment is also attached as appendix E. The erosion control plan will be reviewed, approved and inspected by SWCD personnel. This policy and procedure with adjustments over time will satisfy the intent of **BMP#4**.

The agreement between the County and Kankakee Co. SWCD is also intended to satisfy the Site Inspection / Enforcement Procedures called for in **BMP#6**. SWCD staff will do the necessary site inspections to verify proper installation and operation of the erosion controls agreed to before issuance of the building permit. The ordinance (Appendix C) includes various inspection checklists to be used for inspections of construction sites. Periodic site visits by the SWCD staff supplemented by observations by County Building Inspectors during their compliance visits will be the basis for ensuring compliance with the County Ordinance. The Ordinance will be the basis for any enforcement actions when needed.

5.) Post Construction Runoff Control

BMP#1 – Community Control Strategy

BMP#5 – Site Inspections During Construction

County intends to use the new storm water management ordinance as the basis for implementing a Community Control Strategy. The preconstruction application and permitting policies and procedures in the ordinance should allow for development of acceptable erosion control and storm water management practices which will be adequate both during the actual construction and after the project is completed. The follow-up inspections as well as the Letters of Credit, Performance Bonds, and Covenants and Restrictions (contained in Appendices A and B of the ordinance) when implemented, should provide a means to ensure control of runoff during the post construction phase of permitted

projects. The County is developing new subdivision regulations which will require creation of dormant "Special Service Areas" (SSAs) to ensure proper maintenance and upkeep of subdivision improvements such as storm water / erosion control facilities. Diligent application of the policies set forth in the ordinance with periodic revisions and modifications will satisfy the intent of **BMP#1 and BMP#5**. The ordinance has not been in place long enough at this point to know its true impact.

6.) Pollution Prevention / Good Housekeeping

BMP#1 – Employee Training

Incidental training regarding storm water management and erosion control practices has been gained by County staff who were involved in the various meetings which lead up to the development of the County ordinance. County staff were also in attendance at the workshops held for municipal officials and building contractors regarding erosion control practices. (see attached lists of meetings and workshops). Two members of the County staff are Illinois certified "Flood Plain Managers". The County has entered into an agreement (December 19, 2006) with a local engineering firm to provide more training for its staff regarding erosion control and storm water management practices and inspection activities. This agreement is attached in appendix **F**. These actions by the County have partially satisfied the intent of **BMP#1**. The County will need to continue efforts to provide staff training on these issues. Training regarding illicit discharge identification, investigation, and elimination procedures will be planned as well.

Appendices

A Record of Meetings

B List of Events

C Resolution and Storm Water Ordinance

D Technical Reference Manual (TRM)

E Agreement with SWCD, Amendment to Subdivision ordinance

F Other

- Illicit Discharge Incidents
- Employee Training Agreement

Record of Meetings held regarding Storm Water issues

STAC Meetings

The County passed a resolution allowing formation of the *Storm Water Technical Advisory Committee (STAC)* on May 11, 2004. On May 19, 2004, the Co. Board Chairman appointed the members of the STAC. The dates of this group's subsequent meetings are listed below:

2004	2005	2006
2/17/04	1/13/05	1/12/06
4/29/04	1/20/05	2/9/06
6/15/04	1/27/05	3/9/06
6/23/04	5/12/05	6/6/06
6/30/04	8/25/05	
7/22/04	9/1/05	
7/29/04	9/15/05	
	9/22/05	
	10/13/05	
	10/27/05	
	11/17/05	

Trim Creek Watershed Plan

A steering committee was formed to develop a watershed management plan for Trim Creek, a Kankakee River tributary which is a major storm water collector for the Villages of Beecher in Will County and Grant Park in Kankakee County. County staff participated in these meetings and assisted with development of the watershed plan. The dates of these meetings are listed below:

Action Plan created in August 2005, meetings 8/10/05, 9/14/05, 11/9/05

Workshop held 1/11/06, meetings – 2/7/06, 3/8/06, 4/18/06, 5/18/06, 8/1/06
Final draft of plan – 8/21/06, meetings – 10/4/06, 12/6/06

List of Events

The following events were organized and or supported / endorsed by Kankakee County. They all were either directly or indirectly related to storm water management issues and protection of water quality.

“Storm Water Management for Elected Officials” – June 20, 2003

Erosion Control Workshops – Presentations regarding various BMPs

For Municipal Officials – November 15, 2006

For homebuilders / contractors – February 22, 2006
- February 22, 2007

Storm Water Commission Workshop – July 14, 2006

Planning Workshop, Comprehensive Plan Implementation – 1/25/07 Discussed the role special service areas (SSAs) play in post construction storm water management / erosion control issues

Natural Gas Pipeline Safety Workshop – 1/29/07 County personnel attended

“Kankakee River Basin Expo” – May 11, 2006 Organized by the Kankakee River Basin Commission Kankakee County was financial sponsor and had a display regarding its storm water ordinance

Annual Kankakee River Cleanup - organized for 20+ years by the Northern Illinois Anglers Association (NIAA) using volunteers to collect and remove debris from the Kankakee and Iroquois Rivers and tributaries. The County awarded “Quality of Life” grants of \$2,000 in 2004 and 2005 to assist with this effort held in mid-September each year.

Household Hazardous Waste Collection events – The County provided support grants for two events organized by the City of Kankakee in 2001 and 2002. The County organized HHW events on September 27, 2003, October 9, 2004 and October 8, 2005.

Waste Tire Collection events – The County has organized three such events: May 14, 2004, May 4, 2005 and June 9, 2006

Electronic Waste Collection events – The County endorsed and supported five E-Waste collections organized by the City of Kankakee. These were held in September 2004, May 2005, October 2005, April 2006 and October 2006. The County has endorsed a grant application submitted by the City to establish permanent e-waste collection sites.