

# **MS4 Annual Facility Inspection Report**

**Illinois Environmental Protection Agency  
National Pollutant Discharge Elimination System Phase II**

**Permit Year 12: March 2014 to March 2015**

***Village of Huntley***

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

Complete each section of this report.

REPORT PERIOD:	FROM: MARCH 2014	TO: MARCH 2015
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MS4 OPERATOR INFORMATION: (As it appears on the current permit)

NAME: Village of Huntley		TELEPHONE NUMBER: 847-515-5200
MAILING ADDRESS: 10987 Main Street		
CITY: Huntley	STATE: IL	ZIP: 60142
CONTACT PERSON: Timothy Farrell (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	McHenry 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: May 29, 2015
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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.

**Contents**

**Part A. Changes to Best Management Practices ..... A-1**

**Part B. Status of Compliance with Permit Conditions .....B-1**

**Part C. Information and Data Collection Results ..... C-1**

**Part D. Summary of Year 13 Stormwater Activities .....D-1**

**Part E. Notice of Qualifying Local Program .....E-1**  
    Kane County Annual Facility Inspection Report ..... E-2

**Part F. Construction Projects Conducted During Year 12 ..... F-1**

## Part A. Changes to Best Management Practices

**Note:** X indicates BMPs performed that were proposed in your NPDES permit  
 ✓ indicates changes to BMPs proposed in your NPDES permit

Year 11	Year 12	Year 13	Year 14	Year 15	
<b>MS4</b>					
<b>A. Public Education and Outreach</b>					
X	X	X	X	X	A.1 Distributed Paper Material
					A.2 Speaking Engagement
					A.3 Public Service Announcement
X	X	X	X	X	A.4 Community Event
					A.5 Classroom Education Material
					A.6 Other Public Education
<b>B. Public Participation/Involvement</b>					
					B.1 Public Panel
					B.2 Educational Volunteer
					B.3 Stakeholder Meeting
					B.4 Public Hearing
					B.5 Volunteer Monitoring
					B.6 Program Coordination
X	X	X	X	X	B.7 Other Public Involvement
<b>C. Illicit Discharge Detection and Elimination</b>					
X	X	X	X	X	C.1 Storm Sewer Map Preparation
X	X	X	X	X	C.2 Regulatory Control Program
					C.3 Detection/Elimination Prioritization Plan
X	X	X	X	X	C.4 Illicit Discharge Tracing Procedures
X	X	X	X	X	C.5 Illicit Source Removal Procedures
X	X	X	X	X	C.6 Program Evaluation and Assessment
X	X	X	X	X	C.7 Visual Dry Weather Screening
					C.8 Pollutant Field Testing
					C.9 Public Notification
X	X	X	X	X	C.10 Other Illicit Discharge Controls

Year 11	Year 12	Year 13	Year 14	Year 15	
<b>MS4</b>					
<b>D. Construction Site Runoff Control</b>					
X	X	X	X	X	D.1 Regulatory Control Program
X	X	X	X	X	D.2 Erosion and Sediment Control BMPs
X	X	X	X	X	D.3 Other Waste Control Program
X	X	X	X	X	D.4 Site Plan Review Procedures
					D.5 Public Information Handling Procedures
X	X	X	X	X	D.6 Site Inspection/Enforcement Procedures
					D.7 Other Construction Site Runoff Controls
<b>E. Post-Construction Runoff Control</b>					
					E.1 Community Control Strategy
X	X	X	X	X	E.2 Regulatory Control Program
X	X	X	X	X	E.3 Long Term O&M Procedures
X	X	X	X	X	E.4 Pre-Const Review of BMP Designs
X	X	X	X	X	E.5 Site Inspections During Construction
X	X	X	X	X	E.6 Post-Construction Inspections
					E.7 Other Post-Const Runoff Controls
<b>F. Pollution Prevention/Good Housekeeping</b>					
X	X	X	X	X	F.1 Employee Training Program
X	X	X	X	X	F.2 Inspection and Maintenance Program
X	X	X	X	X	F.3 Municipal Operations Storm Water Control
					F.4 Municipal Operations Waste Disposal
					F.5 Flood Management/Assess Guidelines
					F.6 Other Municipal Operations Controls

Detailed below are activities that are currently being performed by the Village related to MS4 NPDES compliance that were omitted from the NOI submitted in 2008, but were included in the most recent NOI submitted in 2013. The Village will continue to perform these activities throughout the permit period.

#### 1. Public Education and Outreach

The Village has been distributing a public service announcement through the Village newsletter. In addition, the Village is already preparing printed materials that could be handed out at the Public Works Department and Village Hall. The Village also has a substantial amount of information on the Village website regarding the Village services and activities, contact information, etc. These activities relate to BMPs A.1 Distributing Paper Materials, A.3 Public Service Announcement and A.6 Other Public Education.

#### 2. Public Participation/Involvement

The Village has been working directly with and/or supporting local groups that are performing water quality activities. Groups such as the Sierra Club, the Water Sentinels, the Huntley Jaycees have been performing monitoring, stream enhancement or cleanup activities, all of which are a benefit to the local receiving waters. In addition, the Village has a substantial amount of information on the Village website regarding the activities of the Public Works Department, contact information for the Village and many other examples of ways that the residents can become involved in the community and local programs. These activities relate to BMPs B.2 Educational Volunteer, B.5 Volunteer Monitoring, B.6 Program Coordination and B.7 Other Public Involvement.

#### 3. Illicit Discharge Detection and Elimination

The Village has in place procedures for receiving, documenting and tracking calls from residents regarding potential stormwater problems including illegal dumping, issues with structures, erosion, flooding, etc. The procedures include documentation techniques such as work order forms, call logs, inspection checklists. These activities relate to BMPs C.4 Illicit Discharge Tracing Procedures, C.5 Illicit Source Removal Procedures, C.7 Visual Dry Weather Screening, and C.10 Other Illicit Discharge Controls.

#### 4. Construction Site Runoff Control

Items related to Construction Site Runoff Control and covered by the Kane County Countywide Stormwater Management Ordinance (KCSMO). The Village will continue to enforce the KCSMO.

#### 5. Post-Construction Runoff Control

Items related to Post-Construction Runoff Control and covered by the Kane County Countywide Stormwater Management Ordinance (KCSMO). The Village will continue to enforce the KCSMO.

#### 6. Pollution Prevention/Good Housekeeping

The Village currently performs a variety of activities related to preventing and/or reducing the potential for pollutants to enter the storm sewer system from municipal activities. Among these measures are street sweeping activities, vehicle maintenance, salt storage and application, recycling, workshops, training, system inspections, etc. In addition, the Village currently utilizes documentation material such as service request forms, activity logs, etc, that provides a detailed tracking procedure for these activities. The Village also actively participates in the Federal Emergency Management Agency (FEMA) Flood Insurance programs to control activity in flood-prone areas and/prevent or reduce the losses associated. These activities relate to BMPs F.1 Employee Training Program, F.2 Inspection and Maintenance Program, F.3

Municipal Operations Storm Water Control, F.4 Municipal Operations Waste Control, F.5 Flood Management/Assessment Guidelines, and F.6 Other Municipal Operations Control.

## Part B. Status of Compliance with Permit Conditions

The status of BMPs and measurable goals performed in Year 12 is described below.

### 1. Public Education and Outreach

The Village is committing to conduct Public Education and Outreach as part of its permit. Public Education and Outreach requires implementation of a program to distribute educational material to the community or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants to stormwater runoff. The Village commits to implementation of BMPs related to A.1 and A.4 as described below.

#### A.1 Distributed Paper Material

The Village will publish stormwater pollution prevention articles in “The Village Journal”.

*Measurable Goals:*     *The Village will annually publish stormwater pollution prevention articles in “The Village Journal.”*

**The Village continues to publish stormwater pollution prevention articles.**

#### A.4 Community Event

The Village has distributed stormwater quality brochures to the public at the Huntley Business Expo.

*Measurable Goals:*     *The Village will annually distribute stormwater quality brochures at the Huntley Business Expo.*

**The Village continues to distribute stormwater quality brochures.**

### 2. Public Participation/Involvement

The Village will perform activities and services related to the Public Participation/Involvement minimum control measure. BMPs will be implemented under BMP number B.7 as described below.

#### B.2 Educational Volunteer, B.5 Volunteer Monitoring, B.6 Program Coordination

The Village has coordinated with and directly supported volunteer activities throughout the Village. These activities have included stream monitoring, clean-up of ditches, trash pickup and supplying of material and services to groups such as the Huntley Jaycees, the Sierra Club, the Water Sentinels, etc. These activities directly reduce the amount of pollutants reaching receiving waters and provide valuable data for enhancement programs.

*Measurable Goals:*     *The Village will coordinate with the groups on future enhancement projects and activities.*

#### B.7 Other Public Involvement

The Village has advised Home Owner Associations (HOAs) and Community Association Management (CAM) regarding maintenance of streams after stream restoration projects are completed.

*Measurable Goals:*     *The Village will coordinate with the groups for continual stream maintenance.*

### 3. Illicit Discharge Detection and Elimination

The Village commits to performing some activities related to the Illicit Discharge Detection and Elimination minimum control. BMPs will be implemented under BMP numbers C.1, C.2, C.4, C.5, C.6, C.7 and C.10 as described below.

#### C.1 Storm Sewer Map Preparation

The Village has regularly updated its storm sewer map.

*Measurable Goals:*     *The Village will complete a biennial review of the storm sewer map and update as needed.*

**C.2 Regulatory Control Program**

The Village has adopted an Illicit Discharge Detection and Elimination Ordinance.

*Measurable Goals:*     *The Village will enforce the Illicit Discharge Detection and Elimination Ordinance*

**C.4 Illicit Discharge Tracing Procedures and C.5 Illicit Source Removal Procedures**

The Village has developed illicit discharge tracing and elimination procedures. The Village also currently documents activities related to illicit discharges with service request forms, activity logs, etc.

*Measurable Goals:*     *The Village will annually trace and remove all illicit discharges detected by resident reporting, dry weather screening, or regular storm sewer maintenance. The Village will continue to utilize the documentation procedures in place and modify as needed to meet the NPDES compliance standards.*

**C.7 Visual Dry Weather Screening**

The Village has screened storm sewer structures as part of its regular storm sewer maintenance.

*Measurable Goals:*     *The Village will annually screen all outfalls within the Village limits. The Village will annually screen 20% of storm sewer structures including manholes, catch basins and inlets.*

**C.10 Other Illicit Discharge Controls**

The Village has amended an ordinance to require new developments to install storm sewer grates imprinted with “No Dumping” and a fish symbol.

*Measurable Goals:*     *The Village will continue to require new developments to install the imprinted storm sewer grates.*

**4. Construction Site Runoff Control**

Kane County has adopted a Countywide Stormwater Management Ordinance (KCO) that establishes the minimum stormwater management requirements for developments in Kane County. The Ordinance establishes standards for construction site runoff control. The Village will continue to enforce the Kane County Ordinance.

**D.1 Regulatory Control Program**

The Village will enforce the Kane County Stormwater Management Ordinance.

*Measurable Goals:*     *The Village will continue to enforce the Ordinance.*

**D.2 Erosion and Sediment Control BMPs**

The Village requires erosion and sediment control BMPs.

*Measurable Goals:*     *The Village will continue to require sediment and erosion control BMPs.*

**D.3 Other Waste Control Program**

The Village Building Department enforces an ordinance that requires construction site operators to control wastes that may adversely impact water quality.

*Measurable Goals:*     *The Village will continue to require construction site operators to control wastes.*

**D.4 Site Plan Review Procedures**

The Village reviews site plans for conformance with the Kane County Ordinance.



*Measurable Goals:*     *The Village will continue to review site plans for conformance to the Ordinance.*

#### **D.6 Site Inspection/Enforcement Procedures**

The Village has inspected construction sites and enforced the Kane County Ordinance.

*Measurable Goals:*     *The Village will continue to inspect construction sites and enforce the Kane County Ordinance.*

### **5. Post-Construction Runoff Control**

As described above, the Kane County Countywide Stormwater Management Ordinance (KCSMO) establishes the minimum stormwater management requirements for developments in Kane County. The KCSMO establishes standards for post-construction site runoff control. The Village will continue to enforce the KCSMO.

#### **E.2 Regulatory Control Program**

The Village will enforce the KCSMO.

*Measurable Goals:*     *The Village will continue to enforce the KCSMO.*

#### **E.2 Long Term O&M Procedures**

The Village has enforced the KCSMO which requires long term O&M procedures.

*Measurable Goals:*     *The Village will continue to enforce the KCSMO.*

#### **E.4 Pre-Construction Review of BMP Designs**

The Village reviews BMP designs prior to construction.

*Measurable Goals:*     *The Village will review BMP designs prior to construction.*

#### **E.5 Site Inspections During Construction**

The Village has inspected sites during construction.

*Measurable Goals:*     *The Village will continue to inspect sites during construction.*

#### **E.6 Post-Construction Inspections**

The Village has inspected sites after construction.

*Measurable Goals:*     *The Village will continue to inspect sites after construction.*

### **6. Pollution Prevention/Good Housekeeping**

This minimum control measure involves the development and implementation of an operation and maintenance program to reduce the discharge of pollutants from municipal operations. This program must include a training program for municipal employees. The Village will perform BMPs under BMP numbers F.1, F.2 and F.3 as described below.

#### **F.1 Employee Training Program**

The Village employees are trained regarding stormwater pollution prevention.

*Measurable Goals:*     *The Village will train new employees to prevent of reduce stormwater pollution from municipal activities. The Village will send employees to stormwater pollution prevention seminars and workshops annually.*

**F.2 Inspection and Maintenance Program**

The Village has a formalized program for inspection and maintenance of its facilities and infrastructure. The Village currently tracks these activities with activity logs and service request forms that provide a detailed and accurate account of the reported problem and identified course of action

*Measurable Goals: The Village will conduct formal maintenance and inspection. The Village will also continue to utilize the documentation procedures, review the program for effectiveness and update the program as needed.*

**F.3 Municipal Operations Stormwater Control, F.4 Municipal Operations Waste Control and F.6 Other Municipal Operations Control**

The Village has a formalized program to prevent stormwater pollution from municipal operations at the Public Works facility. This program encompasses a wide array of activities such as fleet maintenance, salt storage, and recycling.

*Measurable Goals: The Village will implement the formal program and evaluate the effectiveness of the program annually and update the program as needed.*

**F.5 Flood Management/Assessment Guidelines**

The Village has adopted the Kane County Ordinance that specifically addresses the Federal Emergency Management Agency requirements regarding flood-prone areas.

*Measurable Goals: The Village will continue to enforce the KCSMO as it specifically relates to flood-prone areas.*

## **Part C. Information and Data Collection Results**

Year 12 activities related to illicit discharge detection and elimination consisted primarily of program planning efforts. Therefore, no information or data was collected during this period.

## Part D. Summary of Year 13 Stormwater Activities

The following table summarizes the BMPs committed to for Year 13. Specific BMPs and measurable goals for Year 13 Stormwater Management Program development activities are presented in the sections following the table.

**Note: X indicates BMPs committed to for Year 13.**

Year 13	
MS4	
<b>A. Public Education and Outreach</b>	
X	A.1 Distributed Paper Material
	A.2 Speaking Engagement
X	A.3 Public Service Announcement
X	A.4 Community Event
	A.5 Classroom Education Material
X	A.6 Other Public Education
<b>B. Public Participation/Involvement</b>	
	B.1 Public Panel
X	B.2 Educational Volunteer
	B.3 Stakeholder Meeting
	B.4 Public Hearing
X	B.5 Volunteer Monitoring
X	B.6 Program Coordination
X	B.7 Other Public Involvement
<b>C. Illicit Discharge Detection and Elimination</b>	
X	C.1 Storm Sewer Map Preparation
X	C.2 Regulatory Control Program
	C.3 Detection/Elimination Prioritization Plan
X	C.4 Illicit Discharge Tracing Procedures
X	C.5 Illicit Source Removal Procedures
X	C.6 Program Evaluation and Assessment
X	C.7 Visual Dry Weather Screening
	C.8 Pollutant Field Testing
	C.9 Public Notification
X	C.10 Other Illicit Discharge Controls

Year 13	
MS4	
<b>D. Construction Site Runoff Control</b>	
X	D.1 Regulatory Control Program
X	D.2 Erosion and Sediment Control BMPs
X	D.3 Other Waste Control Program
X	D.4 Site Plan Review Procedures
	D.5 Public Information Handling Procedures
X	D.6 Site Inspection/Enforcement Procedures
	D.7 Other Construction Site Runoff Controls
<b>E. Post-Construction Runoff Control</b>	
	E.1 Community Control Strategy
X	E.2 Regulatory Control Program
X	E.3 Long Term O&M Procedures
X	E.4 Pre-Const Review of BMP Designs
X	E.5 Site Inspections During Construction
X	E.6 Post-Construction Inspections
	E.7 Other Post-Const Runoff Controls
<b>F. Pollution Prevention/Good Housekeeping</b>	
X	F.1 Employee Training Program
X	F.2 Inspection and Maintenance Program
X	F.3 Municipal Operations Storm Water Control
X	F.4 Municipal Operations Waste Disposal
X	F.5 Flood Management/Assess Guidelines
X	F.6 Other Municipal Operations Controls

## 1. Public Education and Outreach

The Village is committing to conduct Public Education and Outreach as part of its permit. Public Education and Outreach requires implementation of a program to distribute educational material to the community or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants to stormwater runoff. The Village commits to implementation of BMPs related to A.1, A.3, A.4 and A.6 as described below.

### A.1 Distributed Paper Material and A.3 Public Service Announcement

The Village will publish stormwater pollution prevention articles in “The Village Journal”.

*Measurable Goals:*      *The Village will annually publish stormwater pollution prevention articles in “The Village Journal.”*

### A.4 Community Event

The Village has distributed stormwater quality brochures to the public at the Huntley Business Expo.

*Measurable Goals:*      *The Village will annually distribute stormwater quality brochures at the Huntley Business Expo.*

### A.6 Other Public Education

The Village provides a variety of educational materials and contact information on the Village website.

*Measurable Goals:*      *The Village will continue to provide the information on the website and update as needed.*

## 2. Public Participation/Involvement

The Village will perform activities and services related to the Public Participation/Involvement minimum control measure. BMPs will be implemented under BMP number B.2, B.5, B.6, and B.7 as described below.

### B.3 Stakeholder Meeting

The Village has advised Home Owner Associations (HOAs) and Community Association Management (CAM) regarding maintenance of streams after stream restoration projects are completed.

*Measurable Goals:*      *The Village will coordinate with the groups for continual stream maintenance.*

**The Village continues to coordinate as needed with HOAs and CAM for stream maintenance.**

## 3. Illicit Discharge Detection and Elimination

The Village commits to performing some activities related to the Illicit Discharge Detection and Elimination minimum control. BMPs will be implemented under BMP numbers C.1, C.2, C.4, C.5, C.7 and C.10 as described below.

### C.1 Storm Sewer Map Preparation

The Village is has regularly updated its storm sewer map.

*Measurable Goals:*      *The Village will complete a biennial review of the storm sewer map and update as needed.*

**The Village continues to review and update the storm sewer map as needed.**

### C.2 Regulatory Control Program

The Village has adopted an Illicit Discharge Detection and Elimination Ordinance.

*Measurable Goals:*      *The Village will enforce the Illicit Discharge Detection and Elimination Ordinance*

**The Village continues to enforce the Ordinance.**

**C.4 Illicit Discharge Tracing Procedures and C.5 Illicit Source Removal Procedures**

The Village has developed illicit discharge tracing and elimination procedures.

*Measurable Goals:*     *The Village will annually trace and remove all illicit discharges detected by resident reporting, dry weather screening, or regular storm sewer maintenance.*

**The Village continues to trace and remove illicit discharges.**

**C.7 Visual Dry Weather Screening**

The Village has screened storm sewer structures as part of its regular storm sewer maintenance.

*Measurable Goals:*     *The Village will annually screen all outfalls within the Village limits. The Village will annually screen 20% of storm sewer structures including manholes, catch basins and inlets.*

**The Village continues annually screen the outfalls and storm sewer structures in the Village. Due to budget constraints, the number of outfalls and other structures inspected is approximately 50-100 per year. This process will continue until all structures and outfalls are screened and the process will repeat.**

**C.10 Other Illicit Discharge Controls**

The Village has amended an ordinance to require new developments to install storm sewer grates imprinted with “No Dumping” and a fish symbol.

*Measurable Goals:*     *The Village will continue to require new developments to install the imprinted storm sewer grates.*

**The Village continues to require the imprinted grates.**

**4. Construction Site Runoff Control**

Kane County has adopted a Countywide Stormwater Management Ordinance (KCO) that establishes the minimum stormwater management requirements for developments in Kane County. The Ordinance establishes standards for construction site runoff control. The Village will continue to enforce the Kane County Ordinance.

**D.1 Regulatory Control Program**

The Village will enforce the Kane County Stormwater Management Ordinance.

*Measurable Goals:*     *The Village will continue to enforce the Ordinance.*

**The Village continues to enforce the Ordinance.**

**D.2 Erosion and Sediment Control BMPs**

The Village requires erosion and sediment control BMPs.

*Measurable Goals:*     *The Village will continue to require sediment and erosion control BMPs.*

**The Village continues to require the erosion and sediment control BMPs.**

**D.3 Other Waste Control Program**

The Village Building Department enforces an ordinance that requires construction site operators to control wastes that may adversely impact water quality.

*Measurable Goals:*     *The Village will continue to require construction site operators to control wastes.*

**The Village continues to require construction site operators to control wastes.**

#### **D.4 Site Plan Review Procedures**

The Village reviews site plans for conformance with the Kane County Ordinance.

*Measurable Goals:*     *The Village will continue to review site plans for conformance to the Ordinance.*

**The Village continues to review site plans for conformance with the Kane County Ordinance.**

#### **D.6 Site Inspection/Enforcement Procedures**

The Village has inspected construction sites and enforced the Kane County Ordinance.

*Measurable Goals:*     *The Village will continue to inspect construction sites and enforce the Kane County Ordinance.*

**The Village continues to inspect construction sites and enforce the Kane County Ordinance.**

### **5. Post-Construction Runoff Control**

As described above, the Kane County Countywide Stormwater Management Ordinance (KCSMO) establishes the minimum stormwater management requirements for developments in Kane County. The KCSMO establishes standards for post-construction site runoff control. The Village will continue to enforce the KCSMO.

#### **E.2 Regulatory Control Program**

The Village will enforce the KCSMO.

*Measurable Goals:*     *The Village will continue to enforce the KCSMO.*

**The Village continues to enforce the KCSMO.**

#### **E.2 Long Term O&M Procedures**

The Village has enforced the KCSMO which requires long term O&M procedures.

*Measurable Goals:*     *The Village will continue to enforce the KCSMO.*

**The Village continues to enforce the KCSMO.**

#### **E.4 Pre-Construction Review of BMP Designs**

The Village reviews BMP designs prior to construction.

*Measurable Goals:*     *The Village will review BMP designs prior to construction.*

**The Village continues to review BMP designs prior to construction.**

#### **E.5 Site Inspections During Construction**

The Village has inspected sites during construction.

*Measurable Goals:*     *The Village will continue to inspect sites during construction.*

**The Village continues to inspect sites during construction.**

### **E.6 Post-Construction Inspections**

The Village has inspected sites after construction.

*Measurable Goals: The Village will continue to inspect sites after construction.*

**The Village continues to inspect sites after construction.**

## **6. Pollution Prevention/Good Housekeeping**

This minimum control measure involves the development and implementation of an operation and maintenance program to reduce the discharge of pollutants from municipal operations. This program must include a training program for municipal employees. The Village will perform BMPs under BMP numbers F.1, F.2 and F.3 as described below.

### **F.1 Employee Training Program**

The Village employees are trained regarding stormwater pollution prevention.

*Measurable Goals: The Village will train new employees to prevent or reduce stormwater pollution from municipal activities. The Village will send employees to stormwater pollution prevention seminars and workshops annually.*

**The Village continues to provide stormwater pollution prevention training for Village employees.**

### **F.2 Inspection and Maintenance Program**

The Village has a formalized program for inspection and maintenance of its facilities and infrastructure.

*Measurable Goals: The Village will conduct formal maintenance and inspection. The Village will also review the program for effectiveness and update the program as needed.*

**The Village continues the maintenance, inspection and evaluation procedures.**

### **F.3 Municipal Operations Stormwater Control**

The Village has a formalized program to prevent stormwater pollution from municipal operations at the Public Works facility.

*Measurable Goals: The Village will implement the formal program and evaluate the effectiveness of the program annually and update the program as needed.*

**The Village has implemented the program and evaluation procedures.**



## **Part E. Notice of Qualifying Local Program**

The Counties of Kane and McHenry will serve as a Qualifying Local Programs (QLP) for the Village of Huntley. Part E of the Annual Report details the activities performed by the Qualifying Local Programs and is outlined in the attached Annual Report.

**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](http://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:

	<b>Project #</b>	<b>Project Name</b>
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

