



Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.

Report Period: From March, 2015 To March, 2016

Permit No. ILR40 0264

MS4 OPERATOR INFORMATION: (As it appears on the current permit)

Name: McHenry County Mailing Address 1: 2200 N. Seminary Avenue

Mailing Address 2: _____ County: McHenry

City: Woodstock State: IL Zip: 60098 Telephone: 815-334-4000

Contact Person: Peter Austin, County Administrator Email Address: pbaustin@co.mchenry.il.us
(Person responsible for Annual Report)

Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

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.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Owner Signature: _____
Peter Austin
Printed Name:

5-17-16
Date: _____
County Administrator
Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form

**Illinois Environmental Protection Agency
Annual Facility Inspection Report
for General Permit for Discharges from Small MS4s**

**McHenry County – Permit No. ILR400264
Permit Year 13: March 2015 to February 2016**



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Part A. MS4 Changes to Best Management Practices, Year 13

Information regarding the status of all of the BMPs and measurable goals described in the MS4’s SMPP is provided in the following table.

Note: X indicates BMPs that were implemented in accordance with the MS4’s SMPP
 ✓ indicates BMPs that were changed during Year 13

Year 13		
QLP	MS4	
A. Public Education and Outreach on Storm Water Impacts		
	X	A.1 Distributed Paper Material
		A.2 Speaking Engagement
	X	A.3 Public Service Announcement
		A.4 Community Event
		A.5 Classroom Education Material
	X	A.6 Other Public Education
B. Public Involvement/Participation		
		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
C. Illicit Discharge Detection and Elimination		
	X	C.1 Sewer Map Preparation
X		C.2 Regulatory Control Program Review Ordinances
X		C.2 Regulatory Control Program Coordinate with MCEMA
X		C.3 Detection/Elimination Prioritization Plan
X		C.4 Illicit Discharge Tracing Procedures
X		C.5 Illicit Source Removal Procedures
		C.6 Program Evaluation and Assessment
		C.7 Visual Dry Weather Screening
		C.8 Pollutant Field Testing
		C.9 Public Notification
		C.10 Other Illicit Discharge Controls

Year 13		
QLP	MS4	
D. Construction Site Storm Water Runoff Control		
X		D.1 Regulatory Control Program
X		D.2 Erosion and Sediment Control BMPs
		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
X		D.7 Other Construction Site Runoff Controls
E. Post-Construction Storm Water Management in New Development and Redevelopment		
		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
F. Pollution Prevention/Good Housekeeping for Municipal Operations		
	X	F.1 Employee Training Program
	X	F.2 Inspection and Maintenance Program
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

Additional information about the changes that were made to the BMPs described in the MS4’s SMPP during Year 13 is provided below.

F. Pollution Prevention/Good Housekeeping for Municipal Operations

BMP F.2 Inspection and Maintenance Program

The goal of this BMP is to complete inspections of outfalls and detention/retention facilities once every three years.

For Year 13, no formal inspections were completed as the MCDOT received no notices that changes to the facilities occurred within the reporting period.

Part B. MS4 Status of Compliance with Permit Conditions, Year 13

Stormwater Management Activities, Year 13

The stormwater management activities that the MS4 performed during Year 13, including the MS4's BMPs and measureable goals, are described in detail in the MS4's SMPP. A brief summary of the status of the MS4's stormwater management program, as of the end of Year 13, is provided below. The MS4's SMPP can be viewed at <https://www.co.mchenry.il.us/home/showdocument?id=44504>. It is also attached for reference.

Status of Compliance with Permit Conditions

McHenry County revised its NOI in 2009 to include best management practices (BMPs) with better efficacy to meet the requirements of the second permit cycle of the NPDES Phase II program to minimize nonpoint source pollution. All BMPs have been implemented. The county will revise its NOI in 2016 to account for the newly issued Permit requirements.

Assessment of Appropriateness of Identified BMPs

McHenry County incorporates the reviewed and identified structural and non-structural BMPs included in the McHenry County Stormwater Management Ordinance, McHenry County Access Management Ordinance, and McHenry County Subdivision Ordinance, which now includes Conservation Design Standards, Illinois Urban Manual, and IDOT Standards and Specifications into all development and transportation projects to the maximum extent practicable. All BMPs were reviewed and assessed for appropriateness and a revised NOI was submitted in 2009. BMPs not referenced below have a Qualifying Local Program (QLP) and a reference to the Stormwater Management Program Plan (SMPP) expounding in more detail the QLP being used to fulfill the BMP requirement.

Progress Towards a Reduction in Pollutants Discharged

MCDOT has reduced and continues to reduce its salt usage during winter through new innovative pre-wetting and liquid mixtures in conjunction with equipment calibration. The MCDOT maintenance department continues to collect trash in the rights-of-way every spring in conjunction with the strong Adopt-A-Highway program in McHenry County. The Sheriff's Office supplements trash pickup throughout the County with inmate community service labor. Additionally, the MCDOT street sweeper is reducing sediment load to receiving waters by cleaning all curbs and gutters at least twice in the year. These programs result in a large amount of tangible waste never reaching the surface waters of McHenry County. With the promotion of the adopted Water Resources Action Plan, education about surface and groundwater contamination is reaching more McHenry County residents of all ages, and will continue to do so in the future. *The IEPA audited this program in February 2010, reporting the County in full compliance to General Permit ILR40 and our Notice of Intent.*

Progress Towards Achievement of Measurable Goals Identified for Permit Year 13

The status of progress towards achieving identified measurable goals for each of the minimum control measures is presented below:

1. Public Education and Outreach on Storm Water Impacts

BMP A.1 Distributed Paper Material

The goal of this program will be to make available informational brochures to the public to increase awareness of impacts of stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Year 13: The NPDES Coordinators will monitor and refresh supplies of informational materials and brochures available for the public at the MCDOT facility, Planning & Development office, posted on the County's NPDES website and at public meetings for road construction projects. The Department of Health will oversee the availability of their brochures within their department. Monitoring of amount of brochures distributed will continue for BMP effectiveness.

The County continued to exceed its measurable goal of obtaining informational material and brochures that increases awareness of the impacts of stormwater discharges on water bodies and steps that the public can take to reduce pollutants in stormwater runoff and made such information available to the public at all facilities, including the Department of Planning and Development, the Division of Transportation, and the Department of Health. Additionally, during all MCDOT project public meetings (100+ brochures distributed in each facility and at public meetings) and during all public events all departments strive to distribute relevant brochures. Please refer to the SMPP Appendix 5.3 for a comprehensive list of brochures available during the reporting period.

BMP A.3 Public Service Announcement

The goal of this program is to increase awareness of impacts of stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Year 13: The County will include one stormwater and/or water quality related article once a year in a conservation organization's newsletter which is distributed countywide, included on the McHenry County NPDES or Water Resources website, or in one of the two main local newspapers the Daily Herald or Northwest Herald distributed in McHenry County. Partnership with another MS4 permit holder will be considered to accomplish this BMP.

The County exceeded its measurable goal for this BMP. Please refer to the SMPP Appendix 5.5 for a comprehensive list of water quality related articles and the periodical they were published. The McHenry County Department of Planning and Development – Water Resources Division and MCDOT share an NPDES website that is hosted by the County. The Water Resources website reports on Groundwater Protection activities and maintains a large number of current articles and brochures on protecting groundwater, promoting water issue awareness, and conservation of water including green infrastructure BMPs. The Water Resources Division also maintains a website that focuses on Surface Water and Stormwater. Finally, the Department of Health has a website that includes water quality and pollution prevention information.

BMP A.6 Other Public Education - Website Links

The goal of this program is to increase awareness of impacts of stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Year 13: All information and website links will be monitored for accuracy and usage. As new information is published, the website will be updated accordingly.

The County has met its measurable goal of including stormwater information, brochures, articles, volunteer programs, all NPDES reports, other agency newsletters, and agency links on the joint MCDOT and Water Resources Division NPDES website:

<https://www.co.mchenry.il.us/county-government/departments-j-z/planning-development/divisions/water-resources/npdes>. A link to construction projects and individual NOIs was added for easy reference. All links are monitored for operation, content, and current information. Updates are made as new information becomes available by the Data/Communications Manager. See Section 3.A.6 of the SMPP for additional information. Monitoring is performed by a web counter. Approximately 138 hits to the NPDES website were counted during this reporting period.

2. Public Involvement/Participation

BMPs B.2 Educational Volunteer, B.5 Volunteer Monitoring, B.6 Program Involvement
See Qualifying Local Program – Adopt-A-Highway. Refer to Section 3.B of the SMPP for further information.

BMP B.7 Other Public Involvement

See Qualifying Local Program – McHenry County Division of Transportation and McHenry County Department of Health. Refer to Section 3.B.7 of the SMPP for further information.

3. Illicit Discharge Detection and Elimination

BMP C.1 Sewer Map Preparation

The goal of this program is to maintain a storm sewer and structure map of all drainage and outfalls to receiving streams in the County's rights-of-way for ease in tracking the source of any illicit discharge.

Year 13: The MCDOT will maintain and update, as needed, the master list in SMPP Appendix 5.6, which includes all outfalls and names of receiving waters within the MCDOT rights-of-way and County facility detention/retention ponds. The MCDOT GIS specialist will continue to populate the drainage database with the entire MCDOT drainage system into the CarteGraph Drainage Module and ArcGIS.

The MCDOT has exceeded its measureable goal. In 2008, the MCDOT Drainage Engineer surveyed the entire County Route system consisting of 225 center lane miles for types and condition of drainage structures, flow patterns, and other related information. The information collected is currently available on aerial photographs with appropriate scale. GPS locations can be ascertained by a number of programs such as Google Earth and ArcGIS. An NPDES Outfall Inventory Map is referenced in the SMPP in Section 3.C.1 and Appendix 5.13. This map will continue to be reviewed and updated as needed and remain on file. Field inventory will

continue as construction projects are completed. The MCDOT is currently keeping an up-to-date electronic database in CarteGraph and ArcGIS for all County drainage infrastructure.

BMPs C.2 Regulatory Control Program, C.3 Detection/Elimination Prioritization Plan, C.4 Illicit Discharge Tracing Procedures, and C.5 Illicit Source Removal Procedures

See Qualifying Local Program – McHenry County Planning and Development Department and McHenry County Department of Health. Refer to Section 3.C.2 of the SMPP for further information.

See Qualifying Local Program – McHenry County Planning and Development Department, McHenry County Department of Health, McHenry County Emergency Management Agency, Illinois Environmental Protection Agency, and State Attorney’s Office. Refer to Sections 3.C.2, 3.C.3, 3.C.4, and 3.C.5 of the SMPP for further information.

No illicit discharges into the MCDOT rights-of-way were recorded for this permit period. The McHenry County Department of Health recorded 62 complaints with 40 actual illicit discharges noted within McHenry County.

4. Construction Site Storm Water Runoff Control

BMPs D.1 Regulatory Control Program, D.2 Erosion and Sediment Control BMPs, and D.4 Site Plan Review Procedures

See Qualifying Local Program – McHenry County Planning and Development Department Stormwater Management Ordinance, Illinois Environmental Protection Agency, United States Army Corps of Engineers, Illinois Urban Manual, and McHenry-Lake County Soil & Water Conservation District. Refer to Sections 3.D.1, 3.D.2 and 3.D.4 of the SMPP for further information.

BMPs D.6 Site Inspection/Enforcement Procedures and D.7 Other Construction Site Runoff Controls

See Qualifying Local Program – McHenry County Stormwater Management Ordinance, Illinois Department of Transportation Construction Memoranda. Refer to Sections 3.D.6 and 3.D.7 of the SMPP for further information.

5. Post-Construction Storm Water Management in New Development and Redevelopment

BMP E.2 Regulatory Control Program

See Qualifying Local Program – McHenry County Stormwater Management Ordinance and Technical Reference Manual, McHenry County Unified Development Ordinance, Illinois Environmental Protection Agency, United States Army Corps of Engineers, Illinois Urban Manual, and McHenry-Lake County Soil & Water Conservation District. Refer to Section 3.E.2 of the SMPP for further information.

BMP E.4 Pre-Construction Review of BMP Designs

See Qualifying Local Program – McHenry County Department of Planning and Development and McHenry County Division of Transportation. Refer to Section 3.E.4 of the SMPP for further information.

BMPs E.3 Long Term O&M Procedures, E.5 Site Inspections During Construction, and E.6 Post-Construction Inspections

See Qualifying Local Program – E.3 McHenry County Access Management Ordinance; E.5 McHenry County Stormwater Management Ordinance and Illinois Department of Transportation Construction Memorandum; E.6 McHenry County Stormwater Management Ordinance and IDOT Standard Specifications for Road & Bridge Construction. Refer to Sections 3.E.3, 3.E.5, & 3.E.6 of the SMPP for further information.

6. Pollution Prevention/Good Housekeeping for Municipal Operations

BMP F.1 Employee Training Program

The goal of this BMP is to identify current practices that contribute to stormwater pollution and implement programs and procedures for County activities that curtail the discharge of pollutants to storm sewer systems.

Year 13: The County will continue in-house training and modify procedures as necessary to prevent the discharge of pollutants to the storm sewer systems from County facilities and rights-of-way.

See Section 3.F.1 of the SMPP for a more comprehensive explanation of County departments and associated training conducted. Please refer to Appendix 5.9 for a detailed list of training attended by the nine major County departments.

BMP F.2 Inspection and Maintenance Program

The goal of this BMP is to complete inspections of outfalls and detention/retention facilities once every three years.

Year 13: The MCDOT Drainage Engineer will conduct a minimum of 50% of all NPDES outlet inspections during the summer months.

Please refer to Appendix 5.6 of the SMPP for a master list of ponds, detention/retention facilities, stream channel outfalls, and storm drainage outfalls which fall under the jurisdiction of the MCDOT and County Facilities as they are identified or added. As such facilities are existing with no known change having occurred within the reporting period, no formal inspections have been accomplished. Maintenance staff, throughout the County facilities, have been trained to report any illicit discharge contamination; no reports were made within the reporting period.

BMP F.3 Municipal Operations Storm Water Control

See Qualifying Local Program - McHenry County Division of Transportation Policies and Procedures, Street Sweeping Program, Drainageways, Landscape Maintenance, Snow Removal and Ice Control, Salt and Liquid Storage and Handling Policy in conjunction with Groundwater Protection Program, vehicle and equipment operations, pet waste, and animal nuisance control. Refer to Section 3.F.3 of the SMPP for further information.

Year 13: The County will continue to incorporate pollution prevention and good housekeeping practices into day-to-day activities and operations.

In Year 13, the MS4 began using the new vacator unit to clean out outfalls and catch basins. The vacator unit has been operating 3 to 4 days per week clearing an average of 6 to 10 locations per each of those days. In addition, MCDOT's current MS4 involves street sweeping curb and gutter sections and bridge decks 3 to 4 times annually. Using our current practices, our MS4 will improve the quality of storm water discharges from the County Highway system.

Part C. MS4 Information and Data Collection Results, Year 13

IDDE Monitoring and Data Collection, Year 13

Information and data that the MS4 collected as part of its illicit discharge detection and elimination program are summarized below.

The McHenry County Department of Health (MCDH) completes bi-weekly sampling of all licensed public beaches in McHenry County for E.coli from Memorial Day through Labor Day. Any other water quality sampling/monitoring data collected was done by the McHenry County Health Department on an as-needed basis.

A total of 62 potential illicit discharges were investigated. Water quality testing, performed in accordance with the procedures outlined in the MS4's SMPP, was completed for all 62 potential illicit discharges. The testing analysis indicated 40 to be illicit discharges. No illicit discharges into the MCDOT rights-of-way were recorded for this permit period.

**Part D. MS4 BMP Effectiveness Monitoring and Assessment Results, Year 14
(new permit requirement – results not included)**

BMP Monitoring and Data Collection, Goal for Year 14

Information and data that the MS4 collected as part of its BMP effectiveness monitoring and assessment program are summarized below.

This portion of the Annual Report will be provided during Year 14. The current ILR40 Permit does not contain these requirements.

For Year 14, the County anticipates providing a comprehensive list of BMPs being implemented to reduce pollutant loadings and water quality impacts. The BMPs will be evaluated for effectiveness and results will be provided in a tabular format.

Part E. MS4 Summary of Year 14 Proposed Stormwater Activities

The table below indicates the stormwater management activities that the MS4 plans to undertake during Year 14. Additional information about the stormwater management activities that the MS4 will perform during Year 13 is provided in the section following the table.

Note: X indicates BMPs that will be implemented during Year 14

Year 14			Year 14		
QLP	MS4		QLP	MS4	
A. Public Education and Outreach on Storm Water Impacts			D. Construction Site Storm Water Runoff Control		
	X	A.1 Distributed Paper Material	X		D.1 Regulatory Control Program
		A.2 Speaking Engagement	X		D.2 Erosion and Sediment Control BMPs
	X	A.3 Public Service Announcement			D.3 Other Waste Control Program
		A.4 Community Event	X		D.4 Site Plan Review Procedures
		A.5 Classroom Education Material			D.5 Public Information Handling Procedures
	X	A.6 Other Public Education	X		D.6 Site Inspection/Enforcement Procedures
B. Public Involvement/Participation			X		D.7 Other Construction Site Runoff Controls
		B.1 Public Panel	E. Post-Construction Storm Water Management in New Development and Redevelopment		
X		B.2 Educational Volunteer			E.1 Community Control Strategy
		B.3 Stakeholder Meeting	X		E.2 Regulatory Control Program
		B.4 Public Hearing	X		E.3 Long Term O&M Procedures
X		B.5 Volunteer Monitoring	X		E.4 Pre-Const Review of BMP Designs
X		B.6 Program Involvement	X		E.5 Site Inspections During Construction
X	X	B.7 Other Public Involvement	X		E.6 Post-Construction Inspections
C. Illicit Discharge Detection and Elimination					E.7 Other Post-Const Runoff Controls
	X	C.1 Sewer Map Preparation	F. Pollution Prevention/Good Housekeeping for Municipal Operations		
X		C.2 Regulatory Control Program Review Ordinances		X	F.1 Employee Training Program
X		C.2 Regulatory Control Program Coordinate with MCEMA		X	F.2 Inspection and Maintenance Program
X		C.3 Detection/Elimination Prioritization Plan	X	X	F.3 Municipal Operations Storm Water Control
X		C.4 Illicit Discharge Tracing Procedures			F.4 Municipal Operations Waste Disposal
X		C.5 Illicit Source Removal Procedures			F.5 Flood Management/Assess Guidelines
		C.6 Program Evaluation and Assessment			F.6 Other Municipal Operations Controls
	X	C.7 Visual Dry Weather Screening			
		C.8 Pollutant Field Testing			
		C.9 Public Notification			
		C.10 Other Illicit Discharge Controls			

Please note that the most recent version of IEPA’s General NPDES Permit No. ILR40 (Permit) expired on March 31, 2014, and was administratively continued by the IEPA through Year 13. The new version of the Permit was issued on February 10, 2016 and the effective date is March 1, 2016. Therefore, the MS4 will comply with the March 1, 2016 Permit requirements for Year 14 and subsequent years, until the Permit expires in 2021. The MS4 remains committed to performing activities related to the six MCMs described in the most recent version of the Permit.

Stormwater Management Activities, Year 14

During Year 14, the MS4 plans to continue to perform a variety of stormwater management activities, as described in detail in the MS4’s SMPP and in brief below. The MS4’s SMPP can be viewed at <https://www.co.mchenry.il.us/county-government/departments-j-z/planning-development/divisions/water-resources/npdes>. It is also attached for reference. There will be additional tasks performed in Year 14 and subsequent years on account of the new permit requirements. These have been noted in italics below.

1. Public Education and Outreach on Storm Water Impacts

BMP A.1 Distributed Paper Material

The goal of this program will be to make available informational brochures to the public to increase awareness of impacts of stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Year 14: The NPDES Coordinators will monitor and refresh supplies of informational materials and brochures available for the public at the MCDOT facility, Planning & Development office, posted on the County’s NPDES website and at public meetings for road construction projects. The Department of Health will oversee the availability of their brochures within their department. Monitoring of amount of brochures distributed will continue for BMP effectiveness.

For compliance with the updated IPEA NPDES permit, most current educational materials comply with the revised permit requirements. The County will also provide additional distributable materials on climate change, including the USEPA’s “Climate Change & You - What You Can Do at Home” handout.

BMP A.3 Public Service Announcement

The goal of this program is to increase awareness of impacts of stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Year 14: The County will include one stormwater and/or water quality related article once a year in a conservation organization’s newsletter which is distributed countywide, included on the McHenry County NPDES or Water Resources website, or in one of the two main local newspapers the Daily Herald or Northwest Herald distributed in McHenry County. Partnership with another MS4 permit holder will be considered to accomplish this BMP.

BMP A.6 Other Public Education - Website Links

The goal of this program is to increase awareness of impacts of stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Year 14: All information and website links will be monitored for accuracy and usage. As new information is published, the website will be updated accordingly.

For compliance with the updated IPEA NPDES permit, the County will also provide a link on the NPDES webpage to the USEPA's climate change webpage.

2. Public Involvement/Participation

BMPs B.2 Educational Volunteer, B.5 Volunteer Monitoring, B.6 Program Involvement

See Qualifying Local Program – Adopt-A-Highway. Refer to Section 3.B of the SMPP for further information.

BMP B.7 Other Public Involvement

See Qualifying Local Program – McHenry County Division of Transportation and McHenry County Department of Health. Refer to Section 3.B.7 of the SMPP for further information.

Year 14: The County will continue to provide active citizen participation in detection of illicit discharges to the storm sewer system and problems with drainage infrastructure. Both MCDOT and the Department of Health will continue to be the primary contacts for this minimum control measure.

For compliance with the updated IPEA NPDES permit, the County will provide a public forum for comments on the County's MS4 program in conjunction with a regularly scheduled meeting. The County has not identified any environmental justice areas within its jurisdiction, so no further documentation is required.

3. Illicit Discharge Detection and Elimination

BMP C.1 Sewer Map Preparation

The goal of this program is to maintain a storm sewer and structure map of all drainage and outfalls to receiving streams in the County's rights-of-way for ease in tracking the source of any illicit discharge.

Year 14: The MCDOT will maintain and update, as needed, the master list in SMPP Appendix 5.6, which includes all outfalls and names of receiving waters within the MCDOT rights-of-way and County facility detention/retention ponds. The MCDOT GIS specialist will continue to populate the drainage database with the entire MCDOT drainage system into the CarteGraph Drainage Module and ArcGIS.

BMPs C.2 Regulatory Control Program, C.3 Detection/Elimination Prioritization Plan, C.4 Illicit Discharge Tracing Procedures, and C.5 Illicit Source Removal Procedures

See Qualifying Local Program – McHenry County Planning and Development Department and McHenry County Department of Health. Refer to Section 3.C.2 of the SMPP for further information.

See Qualifying Local Program – McHenry County Planning and Development Department, McHenry County Department of Health, McHenry County Emergency Management Agency,

Illinois Environmental Protection Agency, and State Attorney's Office. Refer to Sections 3.C.2, 3.C.3, 3.C.4, and 3.C.5 of the SMPP for further information.

BMP C.7 Visual Dry Weather Screening

The goal of this program is to conduct periodic inspections of all storm sewer outfalls during dry weather conditions for detection of non-storm water discharges and illegal dumping.

Year 14: The MCDOT will conduct periodic inspections of the storm sewer outfalls listed in Appendix 5.6, which includes all outfalls and names of receiving waters within the MCDOT rights-of-way and County facility detention/retention ponds. The MCDOT will prioritize major/high priority outfalls for annual inspections and the rest of the outfalls will be inspected on a rolling basis over a number of years.

For compliance with the updated IPEA NPDES permit, the County will implement this BMP beginning this reporting year.

4. Construction Site Storm Water Runoff Control

BMPs D.1 Regulatory Control Program, D.2 Erosion and Sediment Control BMPs, and D.4 Site Plan Review Procedures

See Qualifying Local Program – McHenry County Planning and Development Department Stormwater Management Ordinance, Illinois Environmental Protection Agency, United States Army Corps of Engineers, Illinois Urban Manual, and McHenry-Lake County Soil & Water Conservation District. Refer to Sections 3.D.1, 3.D.2 and 3.D.4 of the SMPP for further information.

Year 14: The McHenry County Department of Planning and Development, Water Resources Division will ensure that all regulated development within their jurisdictional boundaries acquires the necessary Stormwater Management Permits for construction. Through the permitting process, construction site storm water runoff controls will be reviewed and monitored for compliance with the NPDES permit requirements.

For compliance with the updated IPEA NPDES permit, the current McHenry County Stormwater Management Ordinance provisions, Standard Soil Erosion and Sediment Control Notes, and other required guidance documents, along with staff review and approval of Stormwater Management Permits, meet the updated requirements. No further modifications to the MS4 program are anticipated.

BMPs D.6 Site Inspection/Enforcement Procedures and D.7 Other Construction Site Runoff Controls

See Qualifying Local Program – McHenry County Stormwater Management Ordinance, Illinois Department of Transportation Construction Memoranda. Refer to Sections 3.D.6 and 3.D.7 of the SMPP for further information.

5. Post-Construction Storm Water Management in New Development and Redevelopment

BMP E.2 Regulatory Control Program

See Qualifying Local Program – McHenry County Stormwater Management Ordinance and Technical Reference Manual, McHenry County Unified Development Ordinance, Illinois Environmental Protection Agency, United States Army Corps of Engineers, Illinois Urban Manual, and McHenry-Lake County Soil & Water Conservation District. Refer to Section 3.E.2 of the SMPP for further information.

BMP E.4 Pre-Construction Review of BMP Designs

See Qualifying Local Program – McHenry County Department of Planning and Development and McHenry County Division of Transportation. Refer to Section 3.E.4 of the SMPP for further information.

BMPs E.3 Long Term O&M Procedures, E.5 Site Inspection During Construction, and E.6 Post-Construction Inspections

See Qualifying Local Program – E.3 McHenry County Access Management Ordinance; E.5 McHenry County Stormwater Management Ordinance and Illinois Department of Transportation Construction Memorandum; E.6 McHenry County Stormwater Management Ordinance and IDOT Standard Specifications for Road & Bridge Construction. Refer to Sections 3.E.3, 3.E.5, & 3.E.6 of the SMPP for further information.

6. Pollution Prevention/Good Housekeeping for Municipal Operations

BMP F.1 Employee Training Program

The goal of this BMP is to identify current practices that contribute to stormwater pollution and implement programs and procedures for MCDOT activities that curtail the discharge of pollutants to storm sewer systems.

Year 14: The County will continue in-house training and modify procedures as necessary to prevent the discharge of pollutants to the storm sewer systems from County facilities and rights-of-way.

BMP F.2 Inspection and Maintenance Program

The goal of this BMP is to complete inspections of outfalls and detention/retention facilities once every three years.

Year 14: The MCDOT Drainage Engineer will conduct a minimum of 50% of all NPDES outlet inspections during the summer months.

BMP F.3 Municipal Operations Storm Water Control

See Qualifying Local Program - McHenry County Division of Transportation Policies and Procedures, Street Sweeping Program, Drainageways, Landscape Maintenance, Snow Removal and Ice Control, Salt and Liquid Storage and Handling Policy in conjunction with Groundwater Protection Program, vehicle and equipment operations, pet waste, and animal nuisance control. Refer to Section 3.F.3 of the SMPP for further information.

Year 14: The County will continue to incorporate pollution prevention and good housekeeping practices into day-to-day activities and operations. For compliance with the updated IPEA NPDES permit, the current policies, procedures, and other countywide guidance documents meet the updated requirements. No further modifications to the MS4 program are anticipated.

Part F. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

Not applicable during Year 13.

Part G. MS4 Construction Projects Conducted During Year 13, Proposed for Year 14

Construction projects in Permit Year 13 funded by the McHenry County Division of Transportation (MCDOT) and covered by General Permit No. ILR400264 are listed below:

Project Name	Project Size (acres)	Construction Start Date	Construction End Date
Charles J. Miller Road Reconstruction (west of IL 31 to Green Street)	15 acres	8/2014	9/2016
County Line Road Bridge over Kishwaukee River	>1 acre	12/2015	9/2016
Franklinville Road Bridge over Tributary to the Kishwaukee River	>1 acre	7/2015	8/2016
Lawrence Road Bridge over Tributary to Lawrence Creek	>1 acre	12/2015	9/2016
Noe Road Bridge over Rush Creek	>1 acre	6/2015	11/2015
Keystone Road Drainage Improvements	>1 acre	8/2015	10/2015

Pending future construction projects to be conducted during Permit Year 14 (March 2016 - February 2017) are listed below:

Project Name	Project Size (acres)	Construction Start Date	Construction End Date
Deerpass Road Bridges over Kishwaukee River	2 acres	2017	2018
Union Road Bridge over Tributary of the Kishwaukee River	>1 acre	2017	2018
Raffel/Charles Roundabout	>1 acre	2017	2018