



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, 2014 To March, 2015

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:

5-15-15

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 has been approved by the Forms Management Center.

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

**McHenry County – Permit No. ILR400264
Permit Year 12: March 2014 to February 2015**





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)

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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:

5-15-15

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

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Part A. MS4 Changes to Best Management Practices, Year 12

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 12

Year 12		
QLP	MS4	
A. Public Education and Outreach		
	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 Participation/Involvement		
		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 Storm 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 12		
QLP	MS4	
D. Construction Site 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 Runoff Control		
		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		
	X	F.1 Employee Training Program
	X	F.2 Inspection and Maintenance Program
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 12 is provided below.

F. Pollution Prevention/Good Housekeeping

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 12, no formal inspections were completed due to staffing and time requirements. During Year 13, the MS4 anticipates that it will be able to better clean our outfalls as the MCDOT has invested \$300,000 in purchasing a brand new vector unit, which we expect to take delivery in September. This unit along with our current program of getting our street sweeper to clean all around all curb and gutter sections of County Highway plus bridge decks 3-4 times annually will improve the quality of storm water discharge from the County Highway system.

Part B. MS4 Status of Compliance with Permit Conditions, Year 12

Stormwater Management Activities, Year 12

The stormwater management activities that the MS4 performed during Year 12, 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 12, is provided below. The MS4's SMPP can be viewed at <https://www.co.mchenry.il.us/home/showdocument?id=30552>. 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.

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 12

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

1. Public Education and Outreach

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 12: 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 12: 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 ground water, 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 12: 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 142 hits to the NPDES website were counted during this reporting period.

2. Public Participation / Involvement

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

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 Storm 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 12: 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 ROW were recorded for this permit period. The McHenry County Department of Health recorded 58 complaints with 37 actual illicit discharges noted within McHenry County.

4. Construction Site 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 Runoff Control

BMP E.2 Regulatory Control Program

See Qualifying Local Program – McHenry County Stormwater Management Ordinance, McHenry County Conservation Design Standards adopted February 19, 2008, 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 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

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 12: 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 departments and associated training conducted. Please refer to Appendix 5.9 for a detailed list of training attended by the eight 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 12: The MCDOT Drainage Engineer will conduct a minimum of 50% of all NPDES outlet inspections during Summer 2014.

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. No formal inspections were completed due to staffing and time requirements. Maintenance staff has been trained to report any illicit discharges or 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.

Part C. MS4 Information and Data Collection Results, Year 12

IDDE Monitoring and Data Collection, Year 12

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

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 58 potential illicit discharges were investigated. Water quality testing, performed in accordance with the procedures outlined in the MS4's SMPP, was completed for all 58 potential illicit discharges. The testing analysis indicated 37 to be illicit discharges. No illicit discharges into the MCDOT ROW were recorded for this permit period.

Part D. MS4 Summary of Year 13 Stormwater Activities

The table below indicates the stormwater management activities that the MS4 plans to undertake during Year 13. 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 13

Year 13			Year 13		
QLP	MS4		QLP	MS4	
A. Public Education and Outreach			D. Construction Site 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 Participation/Involvement			X		D.7 Other Construction Site Runoff Controls
		B.1 Public Panel	E. Post-Construction Runoff Control		
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 Coordination	X		E.5 Site Inspections During Construction
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 Storm Sewer Map Preparation	F. Pollution Prevention/Good Housekeeping		
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		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
		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, but has been administratively continued by IEPA. Since the new version of the Permit has not yet been released to the public, and there is not yet a timeline for its release, the MS4 assumes that the most recent version of the Permit will continue to apply through the at least the end of Year 13. 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 13

During Year 13, 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.

1. Public Education and Outreach

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.

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.

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.

2. Public Participation / Involvement

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

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 Storm 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.

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.

4. Construction Site 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 Runoff Control

BMP E.2 Regulatory Control Program

See Qualifying Local Program – McHenry County Stormwater Management Ordinance, McHenry County Conservation Design Standards adopted February 19, 2008, 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 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

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 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.

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 Summer 2015. For next year's reporting period, we hope to be able to better clean our outfalls as the MCDOT has invested \$300,000 in purchasing a brand new vacator unit, which we expect to take delivery in September. This unit along with our current program of getting our street sweeper to clean all around all curb and gutter sections of County Highway plus bridge decks 3-4 times annually will improve the quality of storm water discharge from the County Highway system.

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.

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

Not applicable during Year 12.

Part F. MS4 Construction Projects Conducted During Year 12

Construction projects in Permit Year 12 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
Franklinville Road Bridge over Kishwaukee River	>1 acre	6/2014	11/2014
Johnsburg Road Reconstruction (Contract 2 at Chapel Hill Road)	13 acres	4/2014	11/2015
Miller Road Reconstruction (IL 31 to Green Street)	15 acres	8/2014	7/2016

Pending future construction projects to be conducted during Permit Year 13 (March 2015 - February 2016) are listed below:

Project Name	Project Size (acres)	Construction Start Date	Construction End Date
Franklinville Road bridge over tributary to Kishwaukee River	>1 acre	6/2015	8/2016
County Line Road bridge over Kishwaukee River	>1 acre	6/2015	11/2015
Noe Road bridge over Rush Creek	>1 acre	6/2015	11/2015
Keystone Road Drainage Improvements	>1 acre	8/2015	10/2015