



Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Notice of Intent for New or Renewal of General Permit for Discharges from Small Municipal Separate Storm Sewer Systems (MS4's)

Part I. Municipal (MS4) Contact Information

1. Name of Municipality: McHenry County MS4 #: ILR400264
 Population (based on 2010 census): _____
2. MS4 Mailing Address: 2200 North Seminary Road City: Woodstock, IL Zip: 60098
3. Primary MS4 Contact Person (Authorized Representative for MS4 Permit)
 Name: Joanna Colletti Title: Water Resources Manager/Chief Stormwater Engineer
 Phone: 815-334-4560 Email Address: jscolletti@mchenrycountyil.gov

General Information

4. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:
 Latitude: 42 20 0 Longitude: 88 27 30
 Degrees Minutes Seconds Degrees Minutes Seconds
5. Community Type: County Other: _____
6. Name(s) of governmental entity(ies) in which MS4 is located:
- | City/Village | Township | County |
|--------------|----------|---------|
| | | McHenry |
7. Area of land within your MS4 in square miles: 358
8. Percent of MS4 served by combined sewer: 0 Percent of MS4 served by separate sewer: 100

Impaired Waters

The most recent 303(d) list may be found at <https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdls/Pages/303d-list.aspx>. Information regarding TMDLs may be found at <https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdls/Pages/default.aspx>.

Name(s) of known receiving waters (in and within 3 miles of MS4 area)	Impairment listed on 303d List or TMDL?
Coon Creek	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Crystal Creek	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fox River	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Kishwaukee River	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Kishwaukee River-North Branch	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Kishwaukee River-South Branch	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Kishwaukee Creek	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Lawrence Creek	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Lily Lake Drain	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mokeler Creek	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Nippersink Creek	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Piscasaw Creek	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Name(s) of known receiving waters (in and within 3 miles of MS4 area)	Impairment listed on 303d List or TMDL?
Woods Creek	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<input type="checkbox"/> Yes <input type="checkbox"/> No
Defiance Lake	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Island Lake	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Griswold Lake	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Lake Killarney	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Lily Lake	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
McCullom Lake	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Pistakee Lake	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wonder lake	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

9a. If impaired, which potential causes and source?

Causes: HG,PCB,FCol,Sdmt,TP,TSS,DO,CI,HCB,HHDN

Source: Aqua Life,Fish Consump, Contact/Rec, Aesthetic

9b. Are the receiving waterbodies included in an approved TMDL or alternate water quality management plan? Yes No

If yes, what measures to comply with the TMDL waste load allocation (WLA) are being implemented or are planned?

Upper Fox River/Chain O' Lakes (portions of Pistakee Lake in McHenry County): McHenry County Planning and Development are active members with the Fox River Study Group, the Fox River Ecosystem Partnership, watershed planning groups, and local environmental organizations who are dedicated to improving water quality in the Fox River watershed.

9c. Is the MS4 community included in the chloride variance? Yes No

Program Responsibility

10. Shared Responsibility

Is your MS4 responsible for any permit requirements of another MS4 community? Yes No

Does your MS4 Community rely on another MS4 to satisfy any of the permit requirements? Yes No

11. Co-Permittee

Is your MS4 Community a Co-Permittee with another MS4 Community? Yes No

12. Other contacts responsible for implementation or coordination of Stormwater Management Program

Name: Scott Kuykendall Title: Water Resources Specialist

Phone: 815-334-2863 Email: SHKuykendall@mchenrycountyil.gov

Area of Responsibility: Water resource studies, policy, education/outreach, and MS4 compliance.

Part II. Best Management Practices (include shared responsibilities) which have been implemented or are proposed to be implemented in the MS4 area

A. Public Education and Outreach

Approximate date first implemented: 3/1/2004 Frequency of each BMP program: Annually

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

A.1 Distributed Paper Material

Brief Description of BMP

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.

Measurable Goals, including frequencies

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 webpage and at public meetings for road construction projects. The Department of Health will oversee the availability of their brochures within their department.

Milestones

Year 1:

Informational materials made available at MCDOT, at P&D, on website, and at public meetings for road construction projects or other events.

Year 2:

Informational materials made available at MCDOT, at P&D, on website, and at public meetings for road construction projects or other events.

Year 3:

Informational materials made available at MCDOT, at P&D, on website, and at public meetings for road construction projects or other events.

Year 4:

Informational materials made available at MCDOT, at P&D, on website, and at public meetings for road construction projects or other events.

Year 5:

Informational materials made available at MCDOT, at P&D, on website, and at public meetings for road construction projects or other events.

Additional Info

BMP Number: _____

A.2 Speaking Engagement

Brief Description of BMP

Provide verbal communications that helps to increase awareness of impacts of stormwater discharges on water bodies for stakeholders in the community and the steps the public can take to reduce pollutants in stormwater runoff.

Measurable Goals, including frequencies

NPDES Coordinators will provide presentations, demonstrations or other public speaking engagements to raise awareness about water quality issues associated with stormwater discharges. The speaking engagements may be conducted by members of the Department of Planning and Development, the Health Department or the MCDOT. The number of speaking engagements about water resources will be monitored annually to evaluate BMP effectiveness.

Milestones

Year 1: Provide presentations, demonstrations or other public speaking engagements.

Year 2: Provide presentations, demonstrations or other public speaking engagements.

Year 3: Provide presentations, demonstrations or other public speaking engagements.

Year 4: Provide presentations, demonstrations or other public speaking engagements.

Year 5: Provide presentations, demonstrations or other public speaking engagements.

Additional Info

BMP Number: _____

A.3 Public Service Announcement

Brief Description of BMP

The County will include a stormwater and/or water quality related article at least once a year in a conservation organization's newsletter which is broadly distributed countywide, included on the McHenry County NPDES or Water Resources website, or in one of the main local newspapers distributed in McHenry County, or other local media.

Measurable Goals, including frequencies

The number of articles will be counted annually.

Milestones

Year 1: Annual article distributed countywide.

Year 2: Annual article distributed countywide.

Year 3: Annual article distributed countywide.

Year 4: Annual article distributed countywide.

Year 5: Annual article distributed countywide.

Additional Info

BMP Number: _____

A.4 Community Event

Brief Description of BMP

Hold a public event to increase awareness of impacts from stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Measurable Goals, including frequencies

The County will hold one public event focused on water resources including stormwater and/or water quality. The number of attendees will be monitored to evaluate effectiveness of the BMP.

Milestones

Year 1: Hold one public event focused on water resources including stormwater and/or water quality.

- Year 2: Hold one public event focused on water resources including stormwater and/or water quality.
- Year 3: Hold one public event focused on water resources including stormwater and/or water quality.
- Year 4: Hold one public event focused on water resources including stormwater and/or water quality.
- Year 5: Hold one public event focused on water resources including stormwater and/or water quality.

Additional Info

BMP Number: _____

A.5 Classroom Education Material

Brief Description of BMP

Provide educational opportunities for students, teachers, or schools about the impacts of stormwater discharges on water bodies and the steps that can be taken to reduce pollutants in stormwater runoff.

Measurable Goals, including frequencies

The County will provide educational resources, including information about stormwater management, through the McHenry County Schools Environmental Education Program (MCSEEP). The County will also participate in stormwater related events such as the Groundwater Festival.

Milestones

- Year 1: Provide educational materials for students, teachers, or schools.
- Year 2: Provide educational materials for students, teachers, or schools.
- Year 3: Provide educational materials for students, teachers, or schools.
- Year 4: Provide educational materials for students, teachers, or schools.
- Year 5: Provide educational materials for students, teachers, or schools.

Additional Info

BMP Number: _____

A.6 Other Public Education

Brief Description of BMP

Provide internet-based resources to increase awareness of impacts of stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Measurable Goals, including frequencies

Monitor, maintain, and update internet-based resources about stormwater management for the public. The number of website visits will be counted annually to evaluate effectiveness.

Milestones

- Year 1: Post information on website and monitor usage.
- Year 2: Post information on website and monitor usage.

Year 3: Post information on website and monitor usage.

Year 4: Post information on website and monitor usage.

Year 5: Post information on website and monitor usage.

Additional Info

BMP Number: _____

[Empty box for additional information]

B. Public Participation/Involvement

Approximate date first implemented: 3/1/2004 Frequency of each BMP program: Annually

Qualifying Local Programs

The McHenry County Adopt-A-Highway program is a QLP meeting the requirements for B.2, B.5, B.6, and B.7.

Measurable Goals (include shared responsibilities)

B.2 Educational Volunteer

Brief Description of BMP

The McHenry County Division of Transportation (MCDOT) will oversee the County's Adopt-A-Highway program. New volunteer groups will be added when the requests are approved by the County.

Measurable Goals, including frequencies

MCDOT will track the number of centerline miles covered by the Adopt-A-Highway program, the number of active volunteer groups, and the number of refuse bags collected annually.

Milestones

Year 1: Oversee and track the County's Adopt-A-Highway program.

Year 2: Oversee and track the County's Adopt-A-Highway program.

Year 3: Oversee and track the County's Adopt-A-Highway program.

Year 4: Oversee and track the County's Adopt-A-Highway program.

Year 5: Oversee and track the County's Adopt-A-Highway program.

Additional Info

BMP Number: _____

[Empty box for additional information]

B.3 Stakeholder Meeting

Brief Description of BMP

The County will attend and participate in outside organization meetings and activities. The County will hold a presentation on the MS4 program at a regularly scheduled meeting to provide a public forum for comments.

Measurable Goals, including frequencies

Number of meetings with outside organizations such as watershed or environmental groups and a public forum for comments on the County's MS4 program will be provided annually.

Milestones

Year 1: Participate with outside groups and provide annual meeting for County's MS4 program.

Year 2: Participate with outside groups and provide annual meeting for County's MS4 program.

Year 3: Participate with outside groups and provide annual meeting for County's MS4 program.

Year 4: Participate with outside groups and provide annual meeting for County's MS4 program.

Year 5: Participate with outside groups and provide annual meeting for County's MS4 program.

Additional Info

BMP Number: _____

[Empty rectangular box for additional information]

- B.4 Public Hearing
- B.5 Volunteer Monitoring
- B.6. Program Involvement
- B.7 Other Public Involvement

Brief Description of BMP

The McHenry County Division of Transportation and McHenry County Department of Health answer all citizen complaints of illicit discharges as they are received.

Measurable Goals, including frequencies

Annually track and report the number of citizen complaints, and the number of complaints that are verified to be illicit discharges.

Milestones

Year 1: Track reports and follow up on illicit discharges in a timely manner.

Year 2: Track reports and follow up on illicit discharges in a timely manner.

Year 3: Track reports and follow up on illicit discharges in a timely manner.

Year 4: Track reports and follow up on illicit discharges in a timely manner.

Year 5: Track reports and follow up on illicit discharges in a timely manner.

Additional Info

BMP Number: _____

[Empty rectangular box for additional information]

C. Illicit Discharge Detection and Elimination

Approximate date first implemented: 3/1/2004 Frequency of each BMP program: Annually

Qualifying Local Programs

The McHenry County Department of Health's Public Health Ordinance is the qualifying local program (QLP) for C.2. MCDOT and the Health Department serve as the QLP for fulfilling Minimum Control Measures C.3, C.4 and C.5.

Measurable Goals (include shared responsibilities)

- C.1 Sewer Map Preparation

Brief Description of BMP

MCDOT will maintain, and update as needed, the master list of all outfalls including 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. Any new drainage assets will continue to be located and recorded with GPS coordinates.

Measurable Goals, including frequencies

Annual review, and update as needed, to the master list and mapping of all outfalls and receiving waters within the MCDOT rights-of-way and County facility detention/retention ponds.

Milestones

- Year 1: Update storm sewer list and map as needed.
- Year 2: Update storm sewer list and map as needed.
- Year 3: Update storm sewer list and map as needed.
- Year 4: Update storm sewer list and map as needed.
- Year 5: Update storm sewer list and map as needed.

Additional Info

BMP Number: _____

[Empty box for additional information]

- C.2 Regulatory Control Program
- C.3 Detection/Elimination Prioritization Plan
- C.4 Illicit Discharge Tracing Procedures
- C.5 Illicit Source Removal Procedures
- C.6 Program Evaluation and Assessment
- C.7 Visual Dry Weather Screening

Brief Description of BMP

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.

Measurable Goals, including frequencies

The MCDOT conducts inspections of all storm sewer outfalls, receiving waters within the MCDOT rights-of-way, and County facility detention/retention ponds on a rotating basis at five-year intervals.

Milestones

- Year 1: Report the number and location of outfalls, receiving waters, and County detention/retention ponds inspected.

- Year 2: Report the number and location of outfalls, receiving waters, and County detention/retention ponds inspected
- Year 3: Report the number and location of outfalls, receiving waters, and County detention/retention ponds inspected
- Year 4: Report the number and location of outfalls, receiving waters, and County detention/retention ponds inspected
- Year 5: Report the number and location of outfalls, receiving waters, and County detention/retention ponds inspected

Additional Info

BMP Number: _____

- C.8 Pollutant Field Testing
- C.9 Public Notification
- C.10 Other Illicit Discharge Controls

D. Construction Site Runoff Control

Approximate date first implemented: 3/1/2004 Frequency of each BMP program: Annually

Qualifying Local Programs

The McHenry County Stormwater Management Ordinance (MCSMO) and enforcement by the Planning & Development department fulfills the minimum control measures for D.1, D.2, D.3, D.4, D.6 and D.7 as its qualifying local program. All McHenry County facilities are also required to adhere to the MCSMO for all internal development construction projects.

Measurable Goals (include shared responsibilities)

- D.1 Regulatory Control Program
- D.2 Erosion and Sediment Control BMPs
- D.3 Other Waste Control Program
- D.4 Site Plan Review Procedures
- D.5 Public Information Handling Procedures
- D.6 Site Inspection/Enforcement Procedures
- D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

Approximate date first implemented: 3/1/2004 Frequency of each BMP program: Annually

Qualifying Local Programs

The McHenry County Stormwater Management Ordinance (MCSMO) fulfills the minimum control measures for E.2, E.3, E.4, E.5, E.6 and E.7 as its qualifying local program. All McHenry County facilities are also required to adhere to the MCSMO for all internal development construction projects.

Measurable Goals (include shared responsibilities)

- E.1 Community Control Strategy
- E.2 Regulatory Control Program
- E.3 Long Term O & M Procedures
- E.4 Pre-Construction Review of BMP Designs
- E.5 Site Inspections During Construction
- E.6 Post-Construction Inspections
- E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping

Approximate date first implemented: 3/1/2004 Frequency of each BMP program: _____

Qualifying Local Programs

MCDOT street sweeping, inspection and maintenance activities are the qualifying local program for control measure F.3.

Measurable Goals (include shared responsibilities)

F.1 Employee Training Program

Brief Description of BMP

The goal of this BMP is to educate County employees aimed at reducing or eliminating the discharge of pollutants to the storm sewer systems from County facilities and rights-of-way.

Measurable Goals, including frequencies

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.

Milestones

Year 1: Conduct annual training on reducing and eliminating the discharge of pollutants to storm sewer systems.

Year 2: Conduct annual training on reducing and eliminating the discharge of pollutants to storm sewer systems.

Year 3: Conduct annual training on reducing and eliminating the discharge of pollutants to storm sewer systems.

Year 4: Conduct annual training on reducing and eliminating the discharge of pollutants to storm sewer systems.

Year 5: Conduct annual training on reducing and eliminating the discharge of pollutants to storm sewer systems.

Additional Info

BMP Number: _____

F.2 Inspection and Maintenance Program

Brief Description of BMP

The MCDOT conducts inspections of all storm sewer outfalls, receiving waters within the MCDOT rights-of-way, and County facility detention/retention ponds on a rotating basis at five-year intervals.

Measurable Goals, including frequencies

The MCDOT reports the locations inspected annually, with all locations inspected on a rotating basis at five year intervals.

Milestones

Year 1: Report the number and location of outfalls, receiving waters, and County detention/retention ponds inspected

Year 2: Report the number and location of outfalls, receiving waters, and County detention/retention ponds inspected

Year 3: Report the number and location of outfalls, receiving waters, and County detention/retention ponds inspected

Year 4: Report the number and location of outfalls, receiving waters, and County detention/retention ponds inspected

Year 5: Report the number and location of outfalls, receiving waters, and County detention/retention ponds inspected

Additional Info

BMP Number: _____

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- 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

BMPs Currently Implemented and Proposed

BMP Number	Location

Approximate Pollutant Reduction Resulting from each BMP

BMP Number	Pollutant	Reduction

Instream Monitoring Program

- Is there an instream monitoring program currently in place? Yes No
- Is an instream monitoring program currently being proposed? Yes No

Sediment Monitoring

- Is sediment monitoring currently taking place? Yes No

Sample Monitoring of Outfalls

- Is sample monitoring of outfalls currently taking place? Yes No

Other Monitoring

Describe other types of monitoring implemented or proposed to evaluate the BMP effectiveness or water quality impact of stormwater.

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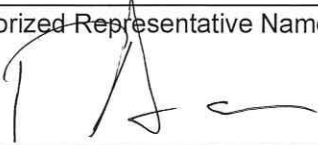
Part III. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fines and imprisonment.

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)).

Peter Austin

Authorized Representative Name



Authorized Representative Signature

County Administrator

Title

2-25-21

Date

You may complete this form online and save a copy locally before printing and signing the form. It should then be sent to:

Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Attn: Permit Section
P.O. Box 19276
1021 North Grand Avenue East
Springfield, IL 62794-9276

Information required by this form must be provided to comply with 415 ILCS 5/39 (2000). Failure to do so may prevent this form from being processed and could result in your application being denied.