



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

- Name of Municipality: McHenry Township Road District MS4 #: ILR40
Population (based on 2010 census): NA
- MS4 Mailing Address: 3703 N. Richmond Road City: McHenry, IL Zip: 60050
- Primary MS4 Contact Person (Authorized Representative for MS4 Permit)
Name: James Condon Title: Highway Commissioner
Phone: 815.385.3076 Email Address: jcondon@mchenrytownship.com

General Information

- Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:
Latitude: 42 38 16 Longitude: -88 15 56
Degrees Minutes Seconds Degrees Minutes Seconds
- Community Type: Township Other: Road District
- Name(s) of governmental entity(ies) in which MS4 is located:

| City/Village | Township | County |
|-----------------------------|------------------|----------------|
| McHenry Township Road Dist. | McHenry Township | McHenry County |
- Area of land within your MS4 in square miles: 48
- 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? |
|---|---|
| Fox River, DT23 & DT24 | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Nippersink Creek, DTK04 | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| McCullom Lake, RTZD | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Lily Lake Drain, RTZJ | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Boone Creek | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Pistakee Lake, RTU | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Wonder Lake, RTZC | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Lily Lake, RTZJ | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Dutch Creek | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Edgebrook Creek | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Lakeland Park Drainage Ditch | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Vander Karr Creek | <input type="radio"/> Yes <input checked="" type="radio"/> No |

| Name(s) of known receiving waters (in and within 3 miles of MS4 area) | Impairment listed on 303d List or TMDL? |
|---|---|
| Dutch Creek Tributary | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Sullivan Lake, RTZL | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Brandenburg Lake | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Redhead Lake, RTV | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Nippersink Lake, RTUA | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Fox Lake, RTF | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Duck Lake, RTZG | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Wooster Lake, RTZH | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Fish Lake, VTK | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Lake Defiance, RTB | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Wold Lake | <input type="radio"/> Yes <input checked="" type="radio"/> No |

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

Causes: Fecal Coliform, Mercury, Polychlorinated biphen

Source: Atmospheric Deposition - Toxins, Impacts from H

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?

The TMDL's for much of the Chain-o-Lakes are considered on-going at this time. Enforcement of IDDE is complete by McHenry County.

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

If yes: Which MS4 community?: McHenry County

Which minimum control measurements is the other MS4 responsible for?

Public Education and Outreach

Construction Site Runoff Control

Public Participation/Involvement

Post-Construction Runoff Control

Illicit Discharge Detection and Elimination

Pollution Prevention/Good Housekeeping

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: _____ Title: _____

Phone: _____ Email: _____

Area of Responsibility: _____

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: March 2004 Frequency of each BMP program: Annually

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

A.1 Distributed Paper Material

Brief Description of BMP

MTRD Newsletter

Measurable Goals, including frequencies

Prepare an educational article once a year and include it in the digital newsletter. This article may include information relating to the impacts of climate change on precipitation and stormwater pollution.

Milestones

Year 1:

Prepare an educational article once a year and include it in the digital newsletter. This article may include information relating to the impacts of climate change on precipitation and stormwater pollution.

Year 2:

Prepare an educational article once a year and include it in the digital newsletter. This article may include information relating to the impacts of climate change on precipitation and stormwater pollution.

Year 3:

Prepare an educational article once a year and include it in the digital newsletter. This article may include information relating to the impacts of climate change on precipitation and stormwater pollution.

Year 4:

Prepare an educational article once a year and include it in the digital newsletter. This article may include information relating to the impacts of climate change on precipitation and stormwater pollution.

Year 5:

Prepare an educational article once a year and include it in the digital newsletter. This article may include information relating to the impacts of climate change on precipitation and stormwater pollution.

Additional Info

BMP Number: _____

- A.2 Speaking Engagement
- A.3 Public Service Announcement
- A.4 Community Event
- A.5 Classroom Education Material
- A.6 Other Public Education

B. Public Participation/Involvement

Approximate date first implemented: March 2004 Frequency of each BMP program: Annually

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

B.2 Educational Volunteer

B.3 Stakeholder Meeting

Brief Description of BMP

The Township will continue to participate in a local watershed group (Boone - Dutch Creek, Nippersink and/or Fox River watershed).

Measurable Goals, including frequencies

Participate in or host a local watershed group meeting at least once annually if one is available and active within the MS4.

Milestones

Year 1: Participate in or host a local watershed group meeting at least once annually if one is available and active within the MS4.

Year 2: Participate in or host a local watershed group meeting at least once annually if one is available and active within the MS4.

Year 3: Participate in or host a local watershed group meeting at least once annually if one is available and active within the MS4.

Year 4: Participate in or host a local watershed group meeting at least once annually if one is available and active within the MS4.

Year 5: Participate in or host a local watershed group meeting at least once annually if one is available and active within the MS4.

Additional Info

BMP Number: _____

B.4 Public Hearing

Brief Description of BMP

The Township will conduct a public meeting or public hearing on its proposed stormwater management plan.

Measurable Goals, including frequencies

Present ongoing NPDES Phase II program summary at least once annually at a public meeting.

Milestones

Year 1: Present ongoing program summary at least once annually at a public meeting.

Year 2: Present ongoing program summary at least once annually at a public meeting.

Year 3: Present ongoing program summary at least once annually at a public meeting.

Year 4: Present ongoing program summary at least once annually at a public meeting.

Year 5: Present ongoing program summary at least once annually at a public meeting.

Additional Info

BMP Number: _____

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

C. Illicit Discharge Detection and Elimination

Approximate date first implemented: March 2004 Frequency of each BMP program: Annually

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

- C.1 Sewer Map Preparation

Brief Description of BMP

Storm Sewer Map Preparation.

Measurable Goals, including frequencies

The Township has completed an Outfall Map by mapping all of its known or observed storm sewers and culverts. The Township will update map as needed.

Milestones

Year 1:

The Township will maintain and update the outfall and storm sewer map as needed.

Year 2:

The Township will maintain and update the outfall and storm sewer map as needed.

Year 3:

The Township will maintain and update the outfall and storm sewer map as needed.

Year 4:

The Township will maintain and update the outfall and storm sewer map as needed.

Year 5:

The Township will maintain and update the outfall and storm sewer map as needed.

Additional Info

BMP Number: _____

- C.2 Regulatory Control Program

Brief Description of BMP

Illicit Discharge Detection and Elimination (IDDE) Ordinance

Measurable Goals, including frequencies

The Township's ownership is limited to roadway ROW within the Township. Furthermore, the Township does not have the authority to adopt any ordinances or amendments. If any illicit discharges are suspected or found, the Township will notify the County for further enforcement.

Milestones

- Year 1:
- Year 2:
- Year 3:
- Year 4:
- Year 5:

Additional Info

BMP Number: _____

C.3 Detection/Elimination Prioritization Plan

Brief Description of BMP

Measurable Goals, including frequencies

Milestones

- Year 1:
- Year 2:
- Year 3:
- Year 4:
- Year 5:

Additional Info

BMP Number: _____

C.4 Illicit Discharge Tracing Procedures

Brief Description of BMP

Measurable Goals, including frequencies

Milestones

- Year 1: Continue developing Illicit Discharge Tracing Procedures and implement procedures through training and education of Township employees.
- Year 2: Continue developing Illicit Discharge Tracing Procedures and implement procedures through training and education of Township employees.
- Year 3: Continue developing Illicit Discharge Tracing Procedures and implement procedures through training and education of Township employees.
- Year 4: Continue developing Illicit Discharge Tracing Procedures and implement procedures through training and education of Township employees.
- Year 5: Continue developing Illicit Discharge Tracing Procedures and implement procedures through training and education of Township employees.

Additional Info

BMP Number: _____

C.5 Illicit Source Removal Procedures

Brief Description of BMP

Illicit Source Removal Procedures

Measurable Goals, including frequencies

The Township's ownership is limited to roadway ROW within the Township. The Township will develop written procedures and perform Illicit Discharge evaluation in accordance with BMPs C.4 and C.7. If any illicit discharges are suspected or found, Township will inform the County for further enforcement action under the County Ordinances.

Milestones

- Year 1: Continue developing written procedures and continue to perform Illicit Discharge evaluations in accordance with BMPs C.4 and C.7.
- Year 2: Continue developing written procedures and continue to perform Illicit Discharge evaluations in accordance with BMPs C.4 and C.7.
- Year 3: Continue developing written procedures and continue to perform Illicit Discharge evaluations in accordance with BMPs C.4 and C.7.
- Year 4: Continue developing written procedures and continue to perform Illicit Discharge evaluations in accordance with BMPs C.4 and C.7.
- Year 5: Continue developing written procedures and continue to perform Illicit Discharge evaluations in accordance with BMPs C.4 and C.7.

Additional Info

BMP Number: _____

C.6 Program Evaluation and Assessment

C.7 Visual Dry Weather Screening

Brief Description of BMP

Visual Dry Weather Screening

Measurable Goals, including frequencies

The Township will use visual dry weather screening to identify illicit discharges. A multi-year schedule will be prepared for visiting each known outlet to perform the screening in accordance with the priority areas identified in C.3. A standardized form will be used to keep a record of the screenings as they take place.

Milestones

Year 1: Continue scheduled visual dry weather screening of known outfalls.

Year 2: Continue scheduled visual dry weather screening of known outfalls.

Year 3: Continue scheduled visual dry weather screening of known outfalls.

Year 4: Continue scheduled visual dry weather screening of known outfalls.

Year 5: Continue scheduled visual dry weather screening of known outfalls.

Additional Info

BMP Number: _____

[Empty rectangular box for additional information]

C.8 Pollutant Field Testing

C.9 Public Notification

Brief Description of BMP

Public Notification of Illicit Discharge Ordinance—N/A.

Measurable Goals, including frequencies

The Township's ownership is limited to roadway ROW within the Township. Any illicit discharges found within the Township will be enforced by the County under its IDDE Ordinance.

Milestones

Year 1: [Empty box]

Year 2: [Empty box]

Year 3: [Empty box]

Year 4: [Empty box]

Year 5: [Empty box]

Additional Info

BMP Number: _____

[Empty rectangular box for additional information]

C.10 Other Illicit Discharge Controls

D. Construction Site Runoff Control

Approximate date first implemented: N/A Frequency of each BMP program: N/A

Qualifying Local Programs

Development within McHenry Township is regulated by McHenry County. The County Stormwater Management Ordinance includes provisions for the control of storm water runoff during construction. The McHenry County Department of Planning and Development also has procedures for the orderly review of new development. The County Zoning and Subdivision Control Ordinances along with the County Watershed Development Ordinance include provisions for the control of stormwater runoff during construction.

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: N/A Frequency of each BMP program: N/A

Qualifying Local Programs

Development within McHenry Township is regulated by McHenry County. The County Stormwater Management Ordinance includes provisions for the control of storm water runoff after construction. The McHenry County Department of Planning and Development also has procedures for the orderly review of new development. The County Zoning and Subdivision Control Ordinances along with the County Watershed Development Ordinance include provisions for the control of stormwater runoff after construction.

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: March 2004 Frequency of each BMP program: Annually

Qualifying Local Programs

- F.1 Employee Training Program

Brief Description of BMP

Employee Training Program

Measurable Goals, including frequencies

The Township will continue to train and educate its employees in relevant positions to perform activities such as illicit

Measurable Goals (include shared responsibilities)

discharge tracing procedures and visual dry weather stormwater outfall screening. The Township will also seek other opportunities for training through seminars and other training materials widely available.

Milestones

Year 1: Continue training municipal employees in relevant positions and update program as needed.

Year 2: Continue training municipal employees in relevant positions and update program as needed.

Year 3: Continue training municipal employees in relevant positions and update program as needed.

Year 4: Continue training municipal employees in relevant positions and update program as needed.

Year 5: Continue training municipal employees in relevant positions and update program as needed.

Additional Info

BMP Number: _____

[Empty box for additional information]

F.2 Inspection and Maintenance Program

Brief Description of BMP

Township Facility Operation and Maintenance Program

Measurable Goals, including frequencies

The Township has developed an operation and maintenance program to address the maintenance needs of its properties. The Program includes a description of all Properties, Fleet and Building Maintenance, Erosion Control procedures for new construction or other land disturbance, Maintenance of the MS4 and proper waste disposal including hazardous waste and procedures for the prevention and containment of hazardous material spills.

Milestones

Year 1: The Township will continue to follow the Operation and Maintenance program created to address the maintenance needs of its properties and update said program as needed

Year 2: The Township will continue to follow the Operation and Maintenance program created to address the maintenance needs of its properties and update said program as needed

Year 3: The Township will continue to follow the Operation and Maintenance program created to address the maintenance needs of its properties and update said program as needed

Year 4: The Township will continue to follow the Operation and Maintenance program created to address the maintenance needs of its properties and update said program as needed

Year 5: The Township will continue to follow the Operation and Maintenance program created to address the maintenance needs of its properties and update said program as needed

Additional Info

BMP Number: _____

[Empty box for additional information]

F.3 Municipal Operations Storm Water Control

Brief Description of BMP

Township Facility Operation and Maintenance Program

Measurable Goals, including frequencies

The Township has developed an operation and maintenance program to address the maintenance needs of its properties. The Program includes a description of all Properties, Fleet and Building Maintenance, Erosion Control procedures for new construction or other land disturbance, Maintenance of the MS4 and proper waste disposal including hazardous waste and procedures for the prevention and containment of hazardous material spills.

Milestones

Year 1: The Township will continue to follow the Operation and Maintenance program created to address the maintenance needs of its properties and update said program as needed

Year 2: The Township will continue to follow the Operation and Maintenance program created to address the maintenance needs of its properties and update said program as needed

Year 3: The Township will continue to follow the Operation and Maintenance program created to address the maintenance needs of its properties and update said program as needed

Year 4: The Township will continue to follow the Operation and Maintenance program created to address the maintenance needs of its properties and update said program as needed

Year 5: The Township will continue to follow the Operation and Maintenance program created to address the maintenance needs of its properties and update said program as needed

Additional Info

BMP Number: _____

[Empty box for additional information]

F.4 Municipal Operations Waste Disposal

Brief Description of BMP

Township Facility Operation and Maintenance Program

Measurable Goals, including frequencies

The Township has developed an operation and maintenance program to address the maintenance needs of its properties. The Program includes a description of all Properties, Fleet and Building Maintenance, Erosion Control procedures for new construction or other land disturbance, Maintenance of the MS4 and proper waste disposal including hazardous waste and procedures for the prevention and containment of hazardous material spills.

Milestones

Year 1: The Township will continue to follow the Operation and Maintenance program created to address the maintenance needs of its properties and update said program as needed

Year 2: The Township will continue to follow the Operation and Maintenance program created to address the maintenance needs of its properties and update said program as needed

Year 3: The Township will continue to follow the Operation and Maintenance program created to address the maintenance needs of its properties and update said program as needed

Year 4: The Township will continue to follow the Operation and Maintenance program created to address the maintenance needs of its properties and update said program as needed

Year 5: The Township will continue to follow the Operation and Maintenance program created to address the maintenance needs of its properties and update said program as needed

Additional Info

BMP Number: _____

| |
|--|
| |
|--|

F.5 Flood Management/Assess Guidelines

F.6 Other Municipal Operations Controls

BMPs Currently Implemented and Proposed

| BMP Number | Location |
|------------|----------|
| NA | |

Approximate Pollutant Reduction Resulting from each BMP

| BMP Number | Pollutant | Reduction |
|------------|-----------|-----------|
| NA | | |

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.

| |
|----|
| NA |
|----|

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)).

James Condon, P.E.

Authorized Representative Name

Highway Commissioner

Title



Authorized Representative Signature

5/15/21
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.