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May 28, 2021

Ms. Terri LeMasters
Illinois Environmental Protection Agency, DWPC
Compliance Assurance Section #19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

RE: McHenry Township Road District, NPDES Annual Update & NOI (2020/2021)
HR Green Job No. 210432

Dear Ms. LeMasters:

Please find enclosed the NPDES Phase II – Year 18 Annual Report and an updated Notice of Intent (NOI) for the McHenry Township Road District (MTRD). As the representative of the MTRD, HR Green, Inc. coordinated with the MTRD in the completion of the Annual Report and NOI for continued coverage under the General Permit issued by the Illinois Environmental Protection Agency (IEPA).

If you have any questions, please contact me at 815-759-8306 or at sbicking@hrgreen.com

Sincerely,

HR GREEN, INC.

A handwritten signature in black ink, appearing to read 'Stephen R. Bicking'.

Stephen R. Bicking, P.E., D.WRE, CFM
Senior Engineer

LG/lp

Enclosure

cc: Mr. James Condon, McHenry Township Road District
Mr. Akram Chaudhry, HR Green, Inc.



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, 2020 To March, 2021

Permit No. ILR40 _____

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

Name: McHenry Township Road District Mailing Address 1: 3703 N. Richmond Road

Mailing Address 2: _____ County: McHenry

City: McHenry State: IL Zip: 60050 Telephone: 815.385.3076

Contact Person: James E. Condon, P.E. Email Address: jcondon@mchenrytownship.com
(Person responsible for Annual Report)

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

McHenry Township Road District

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:

James E. Condon, P.E.

Printed Name:

5/19/21
Date:

Highway Commissioner

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

IL 532 2585
WPC 691 Rev 6/10
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.

McHenry Township Road District
NPDES Phase II – Year Eighteen (March 2020-March 2021) Annual Report Summary

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Part A. Changes to Best Management Practices

In Year 18 the following changes to the BMPs took effect. BMP A.1 – Distributed Paper Material was revised to include a digital newsletter in lieu of a mailed pamphlet to residents. BMP B.6 – Maintain the Adopt-A-Highway Program was eliminated due to lack of public involvement.

There are no proposed changes in Year 19 to the Best Management Practices (BMPs) that are outlined in the NOI.

There Township has also reviewed the IEPA's Environmental Justice mapper and has determined that currently there are no areas within the Township that are considered low income or high minority population that would impact how the NPDES Phase II program is operated.

Part B. Status of Compliance with Permit Conditions

The status of BMPs and measurable goals performed in Year 18 are described below.

1. Public Education and Outreach

A.1 Distributed Material

Measurable Goals: 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.

Status: The MTRD continues to maintain a webpage tab devoted to Stormwater Management. This webpage explains how to reduce the amount of pollution that finds its way into streams, rivers, and lakes.

Public Education and Outreach Evaluation

The McHenry Township website has educational information on its Stormwater Management tab and newsletters include stormwater information annually. To improve resident awareness about NPDES and stormwater, the MTRD will continue to have a booth at its annual Touch-A-Truck event to hand out stormwater brochures. Many residents attend this family event, so it has great potential to become a more effective method to inform residents about stormwater.

Due to the pandemic, many of the in-person events had to be cancelled. The MTRD anticipated hosting in-person events in the summer of 2021 and will provide information about stormwater pollution at public events.

The MTRD has been working with the McHenry County Conservation District to convert the roadside ditch vegetation to native vegetation. To date, the MTRD has revegetated about 3 miles of ROW, totaling about 6 miles of ditches being maintained as bioswales. A burn permit has been applied for and the MTRD intends on doing a controlled burn of these BMPs in the fall of 2021.

2. Public Participation/Involvement

B.3 Stakeholder Meeting

Measurable Goals: Participate in a local watershed group meeting or offer to host a local watershed group meeting at a Township facility.

Status: The Township hosted a meeting of the Boone and Dutch Creek watershed on July 23, 2019. Discussions took place about collaboration between the Township and the watershed group on an overgrown channel in West Shore Beach. This channel drains into McCullom Lake and Dutch Creek.

The Boone-Dutch Creek group has become less active since the completion of the WBP. The MTRD is looking into supporting the Fox River Ecosystem Partnership (FREP) and/or the Nippersink Watershed Association (NWA) in the coming year.

B.4 Public Hearing

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

Status: The MTRD presented the NPDES Phase II program at the Boone/Dutch Creek watershed meeting at the Townships facility on July 23, 2019. Public attendance was about 20 individuals who had a positive response to the information presented.

In Year 18, the NPDES program was discussed at a board meeting to update the board that outfall inspections are being scheduled and taking place.

B.6 Program Involvement

Measurable Goals: Maintain the Adopt-A-Highway Program.

Status: Eliminated due to lack of public involvement in the Adopt-A-Highway Program. MTRD continues to coordinate a recycling program that collects electronic waste as well as other materials; this may help to reduce dumping in roadside ditches.

3. Illicit Discharge Detection and Elimination

C.1 Storm Sewer Map Preparation

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

Status: The MTRD has completed the sewer outfall map, showing outfall locations and receiving streams. The MTRD completed the update of their outfall map in April of 2021. Five (5) new outfalls were identified and added to the map. The MTRD will update the map as new outfalls are discovered or constructed.

C.2 Illicit Discharge Detection and Elimination (IDDE) Ordinance – N/A.

The MTRD'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.

C.3 Detection/Elimination Prioritization Plan

Measurable Goals: Implement the Detection/Elimination Prioritization Plan and update/modify as needed.

Status: The MTRD continues to utilize Dry Weather Screening to identify illicit discharges. The storm Sewer Outfall Map aids in identifying areas at risk for illicit discharge. All outfalls were inspected by David Kattner in April of 2021.

C.4 Illicit Discharge Tracing Procedures

Measurable Goals: The MTRD will continue to develop, train, and educate employees in relevant positions to perform activities such as illicit discharge tracing procedures and visual dry weather stormwater outfall screening. The MTRD will utilize these Tracing Procedures to find the source of illicit discharges. The Storm Sewer Outfall Map will assist in identifying areas to be inspected.

Status: The MTRD has continued developing illicit discharge tracing procedures and will implement the procedures through the training and education of employees. The staff goes through annual training at their annual meeting to train or refresh staff on procedures. All outfalls were inspected in April of 2021, and no illicit discharges were found.

C.5 Illicit Source Removal Procedures

Measurable Goals: The MTRD will continue developing written procedures and perform Illicit Discharge evaluations in accordance with BMPs C.4 and C.7. If any illicit discharges are suspected or found, The MTRD will inform the County for further enforcement action, under the County Ordinances.

Status: The MTRD has developed procedures and will continue to perform Illicit Discharge evaluation in accordance with BMPs C.4 and C.7. No illicit discharges have been found.

C.7 Visual Dry Weather Screening

Measurable Goals: The MTRD will continue scheduled visits of known outfalls.

Status: All outfalls were inspected by MTRD (David Kattner) in April of 2021. No illicit discharges were found.

C.9 Public Notification of Illicit Discharge Ordinance—N/A.

The MTRD'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.

Illicit Discharge Detection and Elimination Evaluation

The MTRD has done an excellent job keeping up with their outfall inspections. All outfalls were inspected in April of 2021 and no illicit discharges have been found. The MTRD will continue to utilize the Illicit Discharge Detection and Elimination program annually.

4. Construction Site Runoff Control

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.

5. Post-Construction Runoff Control

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.

6. Pollution Prevention/Good Housekeeping

F.1 Staff Training

Measurable Goals: The MTRD will continue to train and educate its employees in relevant positions to perform activities such as illicit discharge tracing procedures and visual dry weather stormwater outfall screening.

Status: The MTRD has continued training and educating employees in related areas. Training is ongoing and has been effective in helping staff improve best management practices. Due to the pandemic, in-person training events were restricted. Online training was reviewed as an option and staff members attended a training by DuPage County Stormwater Management on Pollution Prevention Training on 4/29/21.

F.2-F.4 MTRD Facility Operation and Maintenance Program

Measurable Goals: The MTRD will continue to follow the Operation and Maintenance Program to address the maintenance needs of its properties.

Status: The MTRD has developed an operation and maintenance program and follows it annually. Salt storage is indoors which reduces its exposure to runoff. Trucks are calibrated before every winter to prevent the overuse of salt. MTRD utilizes an in-house wash bay which recycles and contains wash water, minimizing discharge of pollutants. The MTRD also uses de-icing liquid salt brine, which reduces the amount of salt used and, therefore, reduces the amount of chloride entering waterbodies.

Pollution Prevention/Good Housekeeping Evaluation

The MTRD has been successful at achieving their goals for good housekeeping and is taking measures to reduce the likelihood of salt pollution. MTRD feels the program is very effective and will continue to utilize this program in 2021.

Part C. Information and Data Collection Results

The protocol established in the permit was followed; no illicit discharges were observed and no illicit discharges were tested. Five (5) additional outfalls were identified and the outfall map was updated accordingly.

Part D. Summary of Year 19 (2021/2022) Stormwater Activities

Below are listed the various BMPs which have milestones to be completed in Year 19, as outlined in the NOI. The specific milestone to be completed for each BMP is shown.

- A.1 - Prepare at least one (1) educational article and publish it on the Township website at least once per year.
- B.3 - Participate in a local watershed group or offer to host a local watershed group meeting at a Township facility.
- B.4 - Present the NPDES Phase II program summary at least once annually at a public meeting.
- C.1 - Update the Outfall Map, as necessary, to show outfall locations and receiving streams.
- C.3 - Implement the Detection/Elimination Prioritization Plan and update/modify as needed.
- C.4 - Continue developing illicit discharge tracing procedures and implement the procedures through the training and education of employees.
- C.5 - Continue developing written procedures and continue to perform Illicit Discharge evaluations in accordance with BMPs C.4 and C.7.
- C.7 - Continue scheduled visits of known outfalls.
- F.1 - Continue training Township employees in relevant positions to perform activities such as illicit discharge tracing procedures and visual dry weather stormwater outfall screening and update the program, as needed.
- F.2-F.4 – Continue to follow the Operation and Maintenance Program.

Part E. Notice of Qualifying Local Program

Development in McHenry Township is regulated by McHenry County, which has adopted the McHenry County Watershed Development Ordinance. The following items are expected to be covered by the County's ordinance as described in the original NOI:

Section C – Illicit Discharge Detection and Elimination:

Per BMP No. C.2, an Illicit Discharge Detection and Elimination (IDDE) Ordinance has been adopted by the County.

Section D - Construction Site Runoff Control:

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

Section E - Post-Construction Runoff Control:

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

Part F: Construction Projects Conducted During Year 18

There were no new construction projects initiated by the Township that disturbed more than one acre of land during Year 18.