



# 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, 2018 To March, 2019

Permit No. ILR40 0136

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

Name: Sugar Grove Township Mailing Address 1: 70 First Street, P.O. Box 465

Mailing Address 2: \_\_\_\_\_ County: Kane

City: Sugar Grove State: IL Zip: 60554 Telephone: (630) 466-4274

Contact Person: Douglas Musser Email Address: dmusser@sgtownship.com  
(Person responsible for Annual Report)

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

Kane County City of Aurora

Village of Sugar Grove Village of Montgomery

#### 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))**

Douglas Musser

Owner Signature:

May 30 - 2019

Date:

Douglas Musser

Printed Name:

Highway Commissioner

Title:

EMAIL COMPLETED FORM TO: [epa.ms4annualinsp@illinois.gov](mailto: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  
NPDES PERMIT FOR STORM WATER DISCHARGES  
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)**

**Sugar Grove Township, IL: MARCH 2018 TO MARCH 2019**

THE FOLLOWING ITEMS MUST BE ADDRESSED.

**A. CHANGES TO BEST MANAGEMENT PRACTICES (BMP CHANGES).**

There are no Changes to the Best Management Practices for the six minimum control measures as submitted in the current NOI for Sugar Grove Township. However, the Township will continue evaluating revisions to the program to comply with current and updated Permit conditions.

**B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS AND ASSESSMENT OF THE APPROPRIATENESS OF THE IDENTIFIED BEST MANAGEMENT PRACTICES TOWARDS ACHIEVING THE STATUTORY GOAL OF REDUCING THE DISCHARGE OF POLLUTANTS TO THE MEP, AND THE IDENTIFIED MEASURABLE GOALS FOR EACH OF THE MINIMUM CONTROL MEASURES.**

In 2019, Sugar Grove Township developed a Draft Stormwater Management Program Plan (SMPP), based on the items contained in their current NOI, for use in managing their stormwater program. (See attached.)

The BMPs in the current NOI and summarized below are believed by Sugar Grove Township to be the best choice to meet the requirements of the NPDES Phase II MS4 program to minimize nonpoint source pollution in Sugar Grove Township, Illinois. All Best Management Practices are being implemented as described in the NOI as noted below.

**BMP No. C1 – Storm Sewer System Mapping**

Sugar Grove Township completed the development of their storm sewer outfall map to the level of the MS4 permit requirements and will be updating it as necessary.

**BMP No. C10 – Kane County Storm Drain Stenciling Program**

The Township has maintained its partnership with the Kane County and the Kane-DuPage Soil and Water Conservation District to make storm drain stenciling kits available to Township residents for their neighborhoods.

**BMP No. F1 – Employee Training Program and Continuing Education**

The Township made opportunities available to select employees for training and workshops provided by Kane County and other MS4 partners.

**Qualifying Local Programs** – In addition to the BMPs, Sugar Grove Township has continued to undertake the activities and provide the services described in the Qualifying Local Programs section of their NOI to meet their permit requirements in all six minimum control measures. These Qualifying local programs included public meetings, storm drain system and parking lot cleaning, fleet and building maintenance, and road salt application and storage.

**C. RESULTS OF INFORMATION AND DATA COLLECTED AND ANALYZED.**

There was no data collected or information analyzed for the above permit cycle.

**D. SUMMARY OF STORM WATER ACTIVITIES PLANNED FOR THE NEXT REPORTING CYCLE.**

In addition to continuing Township programs, the Township will continue evaluating revisions to their programs to comply with current and updated Permit conditions. At a minimum, the following best management practices are to be implemented in the upcoming 2019-2020 year in accordance with the schedule in the Township's NOI.

Sugar Grove Township will continue to provide and participate in their Qualifying Local Programs and advance their BMP activities in accordance with the goals and milestones in their NOI. Specific milestones for BMPs in the NOI for the 2019-2020 reporting period are listed below.

**BMP No. C1 – Storm Sewer System Mapping**

The Township will update their outfall map as new outfalls are added or identified.

**BMP No. C10 – Kane County Storm Drain Stenciling Program**

The Township will continue to provide storm drain stenciling kits to township residents in partnership with Kane County.

**BMP No. F1 – Employee Training Program/Workshops and Continuing Education**

The Township will continue to send select employees to training workshops and seminars provided by Kane County and other MS4 partners.

**Qualifying Local Programs –** In addition to the BMPs, Sugar Grove Township will continue to undertake the activities and provide the services described in the Qualifying Local Programs section of their NOI to meet their permit requirements in all six minimum control measures. These Qualifying local programs for the upcoming year will include an annual public meeting where the public can provide input into the Township's stormwater program, storm drain system and parking lot cleaning and maintenance, fleet and building maintenance, and road salt application and storage BMPs.

In addition, Sugar Grove Township will review and update their Stormwater Management Program Plan as necessary for use in managing their Stormwater Program.

**E. NOTICE OF PERMIT OBLIGATIONS SATISFIED BY OTHER GOVERNMENT ENTITY.**

The following items are to be covered under cooperation with Kane County as described in the Sugar Grove Township NOI.

Public Education and Outreach – The Township will continue to utilize the existing and proposed education and outreach programs that are administered by the Kane County Department of Environmental Management in conjunction with their NPDES MS4 Program.

Public Participation/Involvement – The Township will continue to use the public involvement and participation programs that are administered by the Kane County Department of Environmental Management in addition to maintaining their regular schedule of public meetings.

Illicit Discharge and Detection and Elimination – The Township will continue to use the Illicit Discharge Detection and Elimination programs administered by the Kane County Department of Environmental Management and the Kane County Health Department.

Construction Site Runoff Controls – The Township will continue to utilize the Kane County Stormwater Ordinance for control of construction site runoff. The ordinance within the unincorporated portions of the Township is administered by the Kane County Department of Water Resources.

Post Construction Runoff Controls - The Township will continue to utilize the Kane County Stormwater Ordinance for control of post construction runoff. The ordinance within the unincorporated portions of the Township is administered by the Kane County Department of Water Resources. Since the Township does not administer development the required tracking and monitoring of stormwater BMPs within the Township will be the responsibility of Kane County and the municipalities in the township as the development permitting authorities.

**F. LIST OF CONSTRUCTION PROJECTS PAID FOR BY SUGAR GROVE TOWNSHIP FOR THE 2018-2019 REPORTING PERIOD.**

The Township has paid for the following construction projects in the 2018-2019 reporting period.

See attached.

NPDES NATIONAL POLLUTANT DISCHARGE

2018 REPORT

Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Springfield, Il. 62794-9276

[FEIN] Federal Employer Identification Number

36-600-6469

4/18/2018 Did ditch work on north side of Scott Road to improve water run off to Blackberry Creek. Shot grades one backhoe and two laborers with two hours of work.

5/2&3/2018 Ditch work on South Mighell Road for water problem. Farm field was holding water shot grades and removed 4 trees in ditch line. Dug out tree stumps with backhoe and graded off ditch with the grader. Two pieces of equipment and three laborers 2 days = 12 hours work. Work was done on the west side of road.

5/10/18 In Earl Estates Subdivision on Hazel Crest and Wiltshire we replaced a rotted out culvert and replaced it with a 18" squashed culvert 42' long. Dug out shot grades and compacted base with gravel. Used two 5 yard dumps of gravel compacted and when settled will cover with hot mix asphalt. It took a backhoe 1-ton and two 25 yard dumps and 5 laborers 8 man hours each. Also did some ditching for better water flow.

6/5/2018 In Earl Estates Subdivision at entrance on Scott Rd. and Wiltshire we replaced a rotted out culvert with a new 48' X 18" squashed culvert. Dug out and shot grades added new gravel and compacted base. IT TOOK A BACKHOE and 4 laborers 7 hrs. WE then graded out around both ends, black dirt and seeded the area. Removed two fallen trees out of Lake Run Creek that were blocking the water flow of the creek. It took three laborers and a backhoe 1.5 hours to remove, and chip-up.

8/15/18-8/24/18 Did third round of mowing-weed whipping and garbage. Total of 50 hours and five laborers and two mowers.

8/6/18 DID A ROUND OF DRAIN CLEANING IN Prestbury Sub. Before the forcast of rain. It took 3 hours and two laboeres and a work truck.

8/14/18 thru 8/27/18 Did third round of mowing in all township ditches along with weedwipping and garbage pick-up. Two mowers and a gator and 5 laborers 40 hours.

8/17/18 Did another round of drain cleaning in Prestbury Sub. Of garbage and grass and leaves before a rain storm was coming in.

**10/15/18-10/23/18 Mowing 4th round five laborers all township roads weedwhip and pick up garbage. 40 man hours x 5.**

**11/07/18 replaced an old failing culvert on Hankes road that was 15" concrete and was creating a suck hole in the middle of Hankes Road. We put in a 15" steel culvert 54' long. Backhoe flaggers two 3yard dump trucks and 5 laborers it took 7 hours x5.**

**11/15/18 regraded the ditch line for 300' on the west side of Mighell Road for better drainage for the farm fields on the west side and relief for the east side. We used the grader and shot grades for best results. It took 3 laborers 6 hours x 3.**

**October 2018 Prestbury curb and gutter ada sidewalk repair and overlay of Winthrop New Road. It was a month long project in which Geneva Const. got the bid through the county. We replaced over 5,910'of rolled back curb and mortared over 10 catch basins with 2 being total rebuilds. We had 24 ADA sidewalk sqrs. put in with over 54 squares of sidewalk replaced. With the redoing of curb, sidewalk and basins the road will drain off more efficiently.**

**Sugar Grove Township  
Stormwater Management  
Program Plan**

**DRAFT**

**Kane County, Illinois  
March 2019**



# **1 Overview of the Stormwater Management Program Plan**

This Stormwater Management Program Plan (SMPP) was developed by Sugar Grove Township with the intent of reducing pollutant discharges into receiving waters and to meet the National Pollution Discharge Elimination System (NPDES) Phase II program requirements for Municipal Separate Storm Sewer Systems (MS4s) and their discharges.

The program consists of the six (6) following control measures that will help meet the requirements of the General NPDES Permit NO. ILR40 and protect the overall water quality to the “maximum extent possible”:

- Public Education and Outreach
- Public Participation/Involvement
- Illicit Discharge Detection and Elimination
- Construction Site Runoff Control
- Post-Construction Runoff Control
- Pollution Prevention/Good Housekeeping

## **2 The Program**

### **2.1 Public Education and Outreach**

Sugar Grove Township will utilize the existing and proposed public education and outreach programs that will be administered by the Kane County Department of Environmental Management as part of Kane County's NPDES Phase II NOI.

#### **2.1A Measurable Goals**

- Add the Stormwater Management Program Plan to the Township website.

### **2.2 Public Participation and Involvement**

Sugar Grove Township will utilize the existing and proposed public involvement and participation programs that will be administered by the Kane County Department of Environmental Management as part of Kane County's NPDES Phase II NOI.

Monthly meetings will be held and will be open to the public to encourage input and to address township issues and concerns including stormwater management and pollution prevention issues.

#### **2.2A Measurable Goals**

- Document meeting minutes for monthly public meetings.
- Based on concerns raised at meetings, investigate action items regarding stormwater management and pollution prevention issues.

### **2.3 Illicit Discharge Detection and Elimination**

Sugar Grove Township uses Kane County systems and procedures to detect and eliminate illicit discharges.

A township map has been prepared to show the location and size of all township-owned storm water outfalls to receiving streams in the township which are in the EPA-designated Urbanized Area. Sugar Grove Township will coordinate with Kane County to ensure a current base map is used.

Kane County has partnered with the Soil and Water Conservation District to establish a countywide storm drain stenciling program. The County is making the storm drain stenciling materials available and Sugar Grove Township will make the kits available, through the SWCD, to residents interested in stenciling in their neighborhoods.

### **2.3A Measurable Goals**

- Keep a record of all reported illicit discharges and encourage Township staff to report any discharges as well.
- Keep records of follow up with individuals and corporations causing the illicit discharges, including corrective actions taken and penalties that had to be enforced.
- Maintain map of stormwater outfalls to receiving streams in the township and update it as new outfalls are added or identified.
- Make stenciling kits available to the public when requested.

## **2.4 Construction Site Runoff Control**

Construction site stormwater runoff within Sugar Grove Township is regulated by the Kane County Stormwater Management Ordinance which was adopted by the Kane County Board on October 9, 2001. The Ordinance is enforced in unincorporated areas and non-certified communities within Sugar Grove Township by the Kane County Water Resources Department.

### **2.4A Measurable Goals**

- Document all complaints regarding construction site runoff control and the follow-up actions taken to address the complaint.

## **2.5 Post-Construction Runoff Control**

Post-construction storm water management in new development and redevelopment areas within Sugar Grove Township is regulated by the Kane County Stormwater Management Ordinance which was adopted by the Kane County Board on October 9, 2001. The Ordinance is enforced an unincorporated areas and non-certified communities within Sugar Grove Township by The Kane County Water Resources Department.

## **2.6 Pollution Prevention and Good Housekeeping**

Sugar Grove Township staff clear debris and garbage from road-side swales on an as-needed basis. Catch basins and storm inlets/culverts in the township right-of-way should be inspected and cleaned as needed. Township parking lots and roads should be cleaned and swept on a regular basis.

All Township vehicles and equipment should be inspected regularly for preventative maintenance. Staff should continue to recycle all types of used oil, antifreeze, oil filters, tires, batteries, iron (scrap metal), cardboard, aluminum, electronics, and all other obvious recyclables.

Township fleet vehicles should be inspected and maintained every 3,000 to 5,000 miles.

Salt is stored indoors throughout the year to minimize concentrated salt runoff into the stormwater system. In addition, salt spreaders are maintained regularly to ensure minimum amounts of salt for maximum effectiveness is achieved.

Kane County has a program to offer training and continuing education to its employees and MS4 partners through full day and part day seminars and workshops. Sugar Grove Township will send key employees to these training workshops and seminars.

#### **2.6A Measurable Goals**

- Keep records on amount of salt used and total distance of streets swept annually.
- Keep vehicle and equipment maintenance records.
- Keep records of all employee training sessions completed.