



Public Works

April 10, 2018

Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Re: NPDES Phase II – Year Fifteen Annual Report
Village of Northfield MS4 Permit No. ILR40-0405

To Whom It May Concern:

On behalf of the Village of Northfield please find attached the completed IEPA Annual Facility Inspection Report NPDES Permit for Storm Water Discharges from Municipal Separate Storm Sewer Systems (MS4) with supplemental information.

If you should have any questions or require additional information, please call our Village Engineer, Mr. Patrick J. Glenn, P.E., at 847-478-9700.

Sincerely,

Village of Northfield

Richard Knudson
Assistant Director of Public Works

cc: Patrick Glenn, Gewalt Hamilton Associates, Inc.
Caitlin Burke, Gewalt Hamilton Associates, 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, 2017 To March, 2018

Permit No. ILR40 0405

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

Name: Village of Northfield Mailing Address 1: 361 Happ Road
Mailing Address 2: County: Cook
City: Northfield State: IL Zip: 60093 Telephone: (847) 441-3810
Contact Person: Richard Knudson Email Address: dknudson@northfieldil.org
(Person responsible for Annual Report)

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

Cook County Village of Northfield

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 ☐ | 4. Construction Site Runoff Control ☐ |
| 2. Public Participation/Involvement ☐ | 5. Post-Construction Runoff Control ☐ |
| 3. Illicit Discharge Detection & Elimination ☐ | 6. Pollution Prevention/Good Housekeeping ☐ |

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))

Richard Knudson

Owner Signature:

4-10-18

Date:

Richard Knudson

Printed Name:

Assistant Director Public Works

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

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

Village of Northfield

Permit No. ILR400405

Permit Year 15: March 1, 2017 to February 28, 2018

Contents

<u>Part A. Changes to Best Management Practices.....</u>	<u>A-1</u>
<u>Part B. Status of Compliance with Permit Conditions.....</u>	<u>B-1</u>
<u>Part C. Information and Data Collection Results.....</u>	<u>C-1</u>
<u>Part D. Summary of Year 16 Stormwater Activities</u>	<u>D-1</u>
<u>Part E. Notice of Qualifying Local Program</u>	<u>E-1</u>
<u>Part E1. QLP Changes to Best Management Practices, Year 15</u>	
<u>Part E2. QLP Status of Compliance with Permit Conditions, Year 15</u>	
<u>Part E3. QLP Information and Data Collection Results, Year 15</u>	
<u>Part E4. QLP Summary of Year 16 Stormwater Activities</u>	
<u>Part E5. QLP Construction Projects Conducted During Year 15</u>	
<u>Part F. Construction Projects Conducted During Year 15.....</u>	<u>F-1</u>

Part A. MS4 Changes to Best Management Practices, Year 15

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 15

Year 15	
MS4	
A. Public Education and Outreach	
X	A.1 Distributed Paper Material
	A.2 Speaking Engagement
	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
	B.2 Educational Volunteer
	B.3 Stakeholder Meeting
X	B.4 Public Hearing
	B.5 Volunteer Monitoring
X	B.6 Program Coordination
	B.7 Other Public Involvement
C. Illicit Discharge Detection and Elimination	
X	C.1 Storm Sewer Map Preparation
X	C.2 Regulatory Control Program
X	C.3 Detection/Elimination Prioritization Plan
X	C.4 Illicit Discharge Tracing Procedures
X	C.5 Illicit Source Removal Procedures
X	C.6 Program Evaluation and Assessment
X	C.7 Visual Dry Weather Screening
	C.8 Pollutant Field Testing
	C.9 Public Notification
	C.10 Other Illicit Discharge Controls

Year 15	
MS4	
D. Construction Site Runoff Control	
X	D.1 Regulatory Control Program
X	D.2 Erosion and Sediment Control BMPs
X	D.3 Other Waste Control Program
X	D.4 Site Plan Review Procedures
X	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	
✓	F.1 Employee Training Program
X	F.2 Inspection and Maintenance Program
	F.3 Municipal Operations Storm Water Control
X	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 15 is provided below.

F.1 Employee Training Program

Measurable Goal(s):

- Ensure contractors (including Village staff) are adequately trained in stormwater best management practices, including roadway de-icing.

Year 15 MS4 activities:

- The Village had 5 attendees at the Lake County SMC Annual De-Icing Workshop in 2017 and will continue to attend on an annual basis. All attendees took the optional exam to be listed on the [Preferred Providers](#) list.

Part B. MS4 Status of Compliance with Permit Conditions, Year 15

Stormwater Management Activities, Year 15

Please note that IEPA issued a new version of its General NPDES Permit No. ILR40 (Permit), effective on March 1, 2016. The SMPP can be viewed at the following link: [http://www.gha-engineers.com/ms4/wp-content/uploads/2017/07/Northfield_SMPP-No-appendices.pdf].

During Year 15, the MS4 reviewed and revised its SMPP. The stormwater management activities that the MS4 performed during Year 15, including the MS4's BMPs and measurable goals, are described in detail in the revised SMPP. A copy of the annual tracking form is included at the end of Part B of this report.

A. Public Education and Outreach

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP, including: distribute materials at Village Hall / in Village Newsletter, ensure MS4 documents are posted to website, support MWRD outreach efforts, publicize recycling events, and promote BMPs to residents.

Year 15 MS4 activities:

- The MS4 has developed a flyer to distribute to educate homeowners about ways to improve the quality of storm water runoff. This flyer is available at the Village office.
- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.

B. Public Participation/Involvement

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP, including: participate in stakeholder meetings (watershed groups, Municipal Advisory Council), present the Annual Report to the Village Board at a public meeting, identify/reach out to Environmental Justice areas, publicize Village contact information, log and investigate illicit discharges reported by residents.

Year 15 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.

C. Illicit Discharge Detection and Elimination

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP, including: comply with the WMO, enforce the Village Ordinance Sec. 7-39. "Prohibited or Restricted Discharges", and perform annual dry-weather inspections of

the Village's outfalls, follow illicit discharge reporting and removal procedures (listed in the SMPP), and track all illicit discharges.

Year 15 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.

D. Construction Site Runoff Control

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Continue to comply with MWRD's enforcement of the WMO.

Year 15 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- The MS4 continues to comply with the MWRD's enforcement of the WMO.

E. Post-Construction Runoff Control

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP, including: allowing for public submissions of concerns/follow-up with concerns as appropriate, encouraging residents to implement watershed plan recommendations and evaluating the feasibility of implementing watershed plan recommendations (including stream and/or detention basin retrofits) as part of the Village's budgeting process, and periodic inspection of streambanks and detention pond shorelines for erosion.
- Continue to comply with MWRD's enforcement of the WMO.

Year 15 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- The MS4 continues to comply with MWRD's enforcement of the WMO.

F. Pollution Prevention/Good Housekeeping

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP, including: promoting training opportunities by the MWRD and Lake County SMC, and ensuring the relevant staff are trained in Best Management Practices, including snow and ice removal.

Stormwater Management Program Assessment, Year 15

The MS4 revised their SMPP to coincide with the March 2016 ILR40 permit. The SMPP identified impaired waters based on the July 2016 303(d) list. The inclusion or exclusion of water bodies on the IEPAs 303(d) list, published bi-annually, is a direct reflection of the program's effectiveness. This comparison is expected to be provided in the Year 16 annual report (after the next 303(d) list is published).

The annual tracking forms summarizing the Best Management Practices (BMPs) undertaken by the Village of Northfield during Year 15 is included on the following page. Relevant documentation is included with the tracking information.

[March 2017.pdf](#)

[3509.051 Precon Meeting Minutes-3-14-17.pdf](#)

[April 2017.pdf](#)

[May 2017.pdf](#)

[June 2017.pdf](#)

[Standard_NASSCO_Flyer- June.pdf](#)

[July 2017.pdf](#)

[August 2017.pdf](#)

[Sept 2017.pdf](#)

[October 2017.pdf](#)

[November 2017.pdf](#)

[December 2017.pdf](#)

[January 2018.pdf](#)

[February 2018.pdf](#)

[March 2018.pdf](#)

[Lamp Recycling 3-29-18.pdf](#)

Village of Northfield MS4 Tracking Form for March_____ 2017

1. Recycling Events: dates, location, and amount collected: Ongoing

2. Catch basins cleaned*: _____ Amount of material removed : _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: N/A Amount of material removed: _____
5. Street Sweeping: Miles: _____ Amount of material removed: _____
6. Maintenance yard material removal (type and amount): Dirt-16 yards
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: 200 Gallons
 - b. Antifreeze: 10 Gallons
 - c. Other Fluids: _____
 - d. Tires: 6
 - e. Batteries: 6
8. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: N/A Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
9. Quantities of salt, brine, beet juice and sand used:
 - a. Salt: 21 tons
 - b. Brine: 300 Gallons
 - c. Beet Juice: _____
 - d. Sand: _____
10. Employee training: (employee name, date, location and subject matter)
 - a. _____ -
 - b. _____ -
11. Distribution of paper materials: (title of document, date and number distributed)

- a. _____
 - b. _____

Newsletter, handouts at meetings,
flyers, handouts at offices.
12. Workshops/watershed planning and stakeholder meetings: (date, location, subject matter and who attended)
 - a. Met with Mauro Construction on March 6th for a pre-construction meeting for new water and sewer. -
 - b. Attendance sheet is also attached. -
13. Illicit discharge complaints (phone, email, walk in, mail):
 - a. _____ -
 - b. _____ -

14. Linear Feet of Streambank Inspected: 5000_____

Date: 3/8 & 3/23/17

*use ID # from outfall inventory

PRECONSTRUCTION MEETING MINUTES

Project:
3509.051
2017 Utility Improvements
Village of Northfield

Client:
Village of Northfield
361 Happ Road
Northfield, IL 60093

625 Forest Edge Drive, Vernon Hills, IL 60061
TEL 847.478.9700 ■ FAX 847.478.9701

www.gha-engineers.com

Construction Manager:
Gewalt Hamilton Associates, Inc. (GHA)
625 Forest Edge Drive
Vernon Hills, IL 60061

General Contractor:
Mauro Sewer Construction, Inc.
1251 Redeker Road
Des Plaines, IL 60016

Project Manager: Patrick Glenn, PE

Day & Date: Tuesday, March 14, 2017
Time: 9:00 AM - 9:43 AM

Location: Northfield Fire-Rescue/Public Works
1800 Winnetka Road
Northfield, IL 60093

1. Utility Locations

It is the responsibility of Mauro Sewer Construction and his subcontractors to get a "JULIE" locate for the project.

The Village of Northfield is part of the JULIE notification system. The Contractor shall promptly notify the proper utility company and all other effected parties of any damage to existing utility lines caused by the Contractor's operations. Dog fences and irrigation systems will not be marked but the Contractor shall take every precaution necessary to not damage these lines.

2. Contracts, Executed Agreement

The Contracts have been executed dated, March 6, 2017, and have been distributed to each respective party.

3. Certificate of Insurance, Bonds

Mauro Sewer Construction submitted an updated and approved Certificate of Insurance.

4. Subcontractors

Company	Name	Type of Work	Phone Number
DiNatale Construction, Inc.	Mike DiNatale	Concrete	(630) 629-4428
Schroeder Asphalt Services	Kyle Joustra	Asphalt	(815) 923-4380
Conin Contractor Services	Jose	Landscaping	(815) 596-0640
Precision Pavement Markings	Fred Salazar	Pavement Markings	(847) 931-9092
RJ Underground	Mark McCormick	Directional Drilling	(262) 605-8933
Fox Valley Chlorinating	Matt Trometer	Valve Insertion	(630) 510-0420

5. 24-hr/Emergency Contacts

Company	Name	Phone Number
Northfield Fire-Rescue		(847) 441-3810 or 911
Gewalt Hamilton Associates	Lucas Deferville	(847) 344-5719
Mauro Sewer Construction	Carmi Lullo	(847) 878-5078

6. Project Schedule

The completion date for this project is 40 working days following contract commencement. The Contractor shall begin the work to performed under this Contract not later than ten working days after the execution of the Contract, March 21, 2017.

Work is expected to begin May 12, 2017.

The completion date is tentatively scheduled for Friday, May 12, 2017 based on the above-mentioned commencement date. In case of failure to complete the work on time, the provisions of Article 108.09 of the Standard Specifications or other applicable BDE Special Provisions shall apply.

7. Access / Traffic Control / Safety

Mauro Sewer Construction and its subcontractors shall provide all traffic control in accordance with IDOT Standards and the Project Specifications.

Truck access will be maintained at all times for local businesses. Local traffic shall have access at all times. At no time should any road be closed to traffic without prior approval.

Safety is the sole and exclusive responsibility of the Contractor.

The Village and GHA will coordinate notices to Residents. Mauro Sewer Construction shall notify GHA, 72 hours in advance of construction commencement on each sequential phase and any necessary water main shut downs. Trash collection throughout the Village is made by Waste Management on Monday and Thursday of each week. GHA will coordinate with Waste Management to ensure garbage is picked up respectively.

8. **Field Staking / Line and Grade**

GHA will provide staking once for each respective street or phase. Mauro Sewer has requested that initial construction layout be completed by the end of the working day Tuesday, March 21, 2017.

9. **National Pollutant Discharge Elimination System (NPDES) or Erosion and Sediment Control**

The Contractor shall be responsible for all erosion and sediment control best management practices and take preventive measures against sediment leaving the site. GHA will provide SESC site inspections as required by NPDES requirements. There is no NPDES permit required for this project.

10. **Material**

There shall be no change from what is called for in the approved plans and specifications without written approval.

GHA will require all delivery tickets and applicable bill of lading for all material delivered on-site. Mauro Sewer shall determine internally how the delivery of all tickets to GHA will be coordinated.

11. **Shop Drawings**

Please see Section 01300 Submittals of the Project Manual for shop drawing requirements prior to construction commencement. Mauro Sewer submitted shop drawings at the pre-construction meeting. GHA has reviewed and provided follow-up comments via email dated March 15, 2017. Mauro Sewer shall revise their submittal accordingly and resubmit to GHA for approval prior to the materials being incorporated into the project.

12. **Restoration**

Landscape restoration shall take place immediately following major construction completion and planting times shall be in accordance with IDOT standards.

13. **Pay Applications**

Pay Applications shall be submitted to Gewalt Hamilton Associates, Inc. two-weeks prior to the scheduled payment date. Waivers and certified payroll will be required prior to release of payment. Section 109 of the standard specifications will be used as a guide for measurement and payment.

The Northfield Village Board meets on the 3rd Tuesday of each month, with packets out the preceding Friday. Approved pay requests shall be submitted by GHA to the Village for payment, the Wednesday before the Board meeting. We anticipate three pay requests submitted for this project. GHA will provide Mauro Sewer with agreed-upon quantities per Pay Request. Mauro Sewer and GHA will coordinate quantities on a daily basis, as required.

14. **On-site Storage and Staging Areas**

All supplies, equipment and machinery stored on site must be properly barricaded. Any area outside of the project limits that has been disturbed due to staging shall be restored to existing conditions. GHA has requested that material be delivered in sequential order and not have numerous staging areas or stockpiles throughout the project limits. Mauro Sewer will provide proposed on-site storage and staging areas with GHA's approval.

15. **Construction Debris / Clean-up**

Mauro Sewer Construction will be responsible for daily clean up and removal of loose garbage and construction materials.

A street sweeper shall be utilized on an as-needed basis throughout the project duration per Special Provision 6.

16. **Change Orders**

Any work requiring a change order shall be approved prior to beginning work.

The Village of Northfield shall be required to approve each change order prior to respective work being completed.

17. **Reports / Inspection / Testing**

GHA will prepare daily reports and will include a description of work activities performed, daily quantities, obstructions encountered, temperature and weather conditions. Daily and Weekly reports will be submitted to Mauro Sewer Construction and the Village on a weekly basis.

18. **Working Hours**

Working hours in the Village of Northfield are as follows:

Weekday: 7:00 AM - 7:00 PM

Saturday: 9:00 AM - 5:00 PM (No Saturday work is anticipated at this time.)

Sunday/Holidays: No Work.

Holidays are defined in section 107.09 of the standard specifications.

19. **Water from Village Hydrants**

GHA will coordinate any water requirements needed. Mauro Sewer Construction and its subcontractors shall obtain water from the back parking lot of the Public Works facility. GHA shall document the amount of water usage.

20. **Other Comments / Concerns**

- CA 11 aggregate material shall be used for bedding stone and CA 6 crushed concrete shall be used for backfill material to grade. The CA 6 supplied can be crushed concrete or recycled material though must meet CA 6 gradation requirements and be an IDOT approved material.

- GHA shall coordinate the relocation of proposed fire hydrants along Colonial Lane and Willow Hill Court with the Mauro foreman for each respective crew.

cc: all attendees
Mike Nystrand - Village of Northfield
Dick Knudson - Village of Northfield
Bill Wipperfurth - Village of Northfield
Carmi Lullo - Mauro Sewer Construction, Inc.
Harry Gross - Mauro Sewer Construction, Inc.
Jaime Cantu - Mauro Sewer Construction, Inc.
Lucas Deferville - Gewalt Hamilton Associates, Inc.

ATTENDANCE LIST

Name	Company	Phone Number/e-mail address	
Carmi Lullo	Mauro Sewer Construction	(847) 803-2033 (847) 803-2034 (847) 878-5078 mauro@sewer-water.com	Office Number Fax Number Mobile Number E-mail address
Harry Gross	Mauro Sewer Construction	(847) 803-2033 (847) 803-2034 (847) 878-6314	Office Number Fax Number Mobile Number E-mail address
Jaime Cantu	Mauro Sewer Construction	(847) 803-2033 (847) 803-2034 (847) 417-5162	Office Number Fax Number Mobile Number E-mail address
Michael Nystrand	Village of Northfield	(847) 441-3810 (847) 441-3820 MNystrand@northfieldil.org	Office Number Fax Number Mobile Number E-mail address
Dick Knudson	Village of Northfield	(847) 441-3810 (847) 441-3820 (847) 456-3391 DKnudson@northfieldil.org	Office Number Fax Number Mobile Number E-mail address
Lucas Deferville	Gewalt Hamilton Assoc.	(847) 478-9700 (847) 478-9701 (847) 344-5719 LDeferville@gha-engineers.com	Office Number Fax Number Mobile Number E-mail address
Bill Wipperfurth	Village of Northfield	(847) 441-3810 (847) 441-3820 (847) 456-2570 BWipperfurth@northfieldil.org	Office Number Fax Number Mobile Number E-mail address
			Office Number Fax Number Mobile Number E-mail address
			Office Number Fax Number Mobile Number E-mail address
			Office Number Fax Number Mobile Number E-mail address
			Office Number Fax Number Mobile Number E-mail address

SIGN IN SHEET

[illegible]

2017 Utility Improvements
Village of Northfield

Project Payment Schedule

Pay Est	Cut-Off Date	Pay Estimate to GHA	Pay Estimate to Village	Northfield Board Meeting
1	Friday, March 31, 2017	Monday, April 10, 2017	Wednesday, April 12, 2017	Tuesday, April 18, 2017
2	Friday, April 28, 2017	Monday, May 8, 2017	Wednesday, May 10, 2017	Tuesday, May 16, 2017
3	Friday, June 2, 2017	Monday, June 12, 2017	Wednesday, June 14, 2017	Tuesday, June 20, 2017

1. Recycling Events: dates, location, and amount collected: Ongoing

2. Catch basins cleaned*: N/A Amount of material removed : _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: _____ Amount of material removed: _____
5. Street Sweeping: Miles: _____ Amount of material removed: _____
6. Maintenance yard material removal (type and amount): _____
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: 10
 - e. Batteries: 4 car
8. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: Removed Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
9. Quantities of salt, brine, beet juice and sand used:
 - a. Salt: N/A
 - b. Brine: _____
 - c. Beet Juice: _____
 - d. Sand: _____
10. Employee training: (employee name, date, location and subject matter)
 - a. _____
 - b. _____
11. Distribution of paper materials: (title of document, date and number distributed)

Newsletter, handouts at meetings,
flyers, handouts at offices.

 - a. _____
 - b. _____
12. Workshops/watershed planning and stakeholder meetings: (date, location, subject matter and who attended)
 - a. _____
 - b. _____
13. Illicit discharge complaints (phone, email, walk in, mail):
 - a. _____
 - b. _____

14. Linear Feet of Streambank Inspected: 7000

Date: 4/5 & 4/19/17

*use ID # from outfall inventory

1. Recycling Events: dates, location, and amount collected: Ongoing

2. Catch basins cleaned*: Rear PW, All Old Willow Amount of material removed : 1 yard
3. Catch basins repaired*: 2 Rear of PW Not on map
4. Triple basin maintenance: N/A Amount of material removed: _____
5. Street Sweeping: Miles: N/A Amount of material removed: _____
6. Maintenance yard material removal (type and amount): 16 yards dirt _____
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: _____
 - e. Batteries: 3 car
8. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
9. Quantities of salt, brine, beet juice and sand used:
 - a. Salt: _____
 - b. Brine: _____
 - c. Beet Juice: _____
 - d. Sand: _____
10. Employee training: (employee name, date, location and subject matter)
 - a. Dick and Bill 10 hour OSHA class 2 Westbrook Plaza Westchester, Il May 15 & 16 _____
 - b. _____
11. Distribution of paper materials: (title of document, date and number distributed)

Newsletter, handouts at meetings, flyers, handouts at offices.

 - a. _____
 - b. _____
12. Workshops/watershed planning and stakeholder meetings: (date, location, subject matter and who attended)
 - a. _____
 - b. _____
13. Illicit discharge complaints (phone, email, walk in, mail):
 - a. _____
 - b. _____

14. Linear Feet of Streambank Inspected: 5000

Date: 5/4 & 5/23/17

*use ID # from outfall inventory

1. Recycling Events: dates, location, and amount collected: Ongoing

2. Catch basins cleaned*: _____ Amount of material removed : _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: _____ Amount of material removed: _____
5. Street Sweeping: Miles: 6/29 & 6/30/17 Amount of material removed: 7 yards
6. Maintenance yard material removal (type and amount): _____
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: 270 Gallons 85 Gallon tote oil filters____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: _____
 - e. Batteries: 1 car
8. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
9. Quantities of salt, brine, beet juice and sand used:
 - a. Salt: _____
 - b. Brine: _____
 - c. Beet Juice: _____
 - d. Sand: _____
10. Employee training: (employee name, date, location and subject matter)
 - a. Matt Huebner PAPC training- see attached June 6th & 7th _____
 - b. _____
11. Distribution of paper materials: (title of document, date and number distributed)

Newsletter, handouts at meetings, flyers, handouts at offices.

 - a. _____
 - b. _____
12. Workshops/watershed planning and stakeholder meetings: (date, location, subject matter and who attended)
 - a. 2017 Pre Construction meeting Roadway Paving went over NPDES requirments. 6/1/17 Luca Deferville _____
 - b. _____
13. Illicit discharge complaints (phone, email, walk in, mail):
 - a. _____
 - b. _____

14. Linear Feet of Streambank Inspected: 5000_____

Date: 6/6 & 6/21/17

*use ID # from outfall inventory



Standard Equipment in Aurora, IL is proudly sponsoring NASSCO's PACP, MACP, & LACP certification!

This 3 day training will educate all aspects of assessing the condition of your underground infrastructure. The 3 main topics to be addressed in this training will be main pipeline, manholes, and lateral pipes. This certification is good for 3 years and comes with an in-depth manual. Once the training is complete, you'll have access to the benefits for all NASSCO members. A list of those benefits are on the following page.

When: June 6th – June 8th 2017

**Where: Standard Equipment's Aurora Parts Depot
902 W. Industrial Dr. Aurora, IL 60506**

**Cost: PACP \$845 per person
MACP and LACP - \$150 per person**

***PACP is a prerequisite for MACP and LACP**

Class sizes are limited. Your reservation is held upon payment. Please contact your Standard Equipment Account Manager for registration.



Standard Equipment in Aurora, IL is proudly sponsoring NASSCO's PACP, MACP, & LACP certification!

What's in it for you:

- Opportunity to network with other leaders in the trenchless industry through NASSCO meetings, events, committee participation, online listings, referrals, classified and display advertising, and more.
- Exclusive access to performance specifications for fold and form, CIPP, manhole rehabilitation and smoke testing as well as other great technical tools for members.
- First-hand involvement in developing the documents, guidelines and training that shape industry standards.
- Free publications for as long as you are a member in good standing.
- Discounted rates on technical manuals.
- Discounted Inspector Training Certification Program (ITCP) classes.
- Discounted Pipeline Assessment Certification Program (PACP) recertification for users.
- Company listing on nassco.org.
- Featured member on the "Meet our Members" page on nassco.org.
- Opportunity to post your manufacturers specification on nassco.org.
- Opportunity to support or qualify for NASSCO scholarships.
- Member-only advertising in the NASSCO Times.
- Usage of NASSCO 'Proud Member' logo on proposals, business cards, websites, tradeshow exhibits, brochures, Facebook pages deliverables, or other documents.
- Advocacy when industry issues arise.
- Technical and industry support when you need it.
- Making a difference by setting industry standards for the rehabilitation of underground utilities.

1. Recycling Events: dates, location, and amount collected: _____
Ongoing
2. Catch basins cleaned*: N/A Amount of material removed : _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: N/A Amount of material removed: _____
5. Street Sweeping: Miles: 10 miles Amount of material removed: 12 yards
6. Maintenance yard material removal (type and amount): Dirt 20 yards
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: 8 car 4 Front end loader
 - e. Batteries: 5
8. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
9. Quantities of salt, brine, beet juice and sand used:
 - a. Salt: _____
 - b. Brine: _____
 - c. Beet Juice: _____
 - d. Sand: _____
10. Employee training: (employee name, date, location and subject matter)
 - a. _____
 - b. _____
11. Distribution of paper materials: (title of document, date and number distributed)

Newsletter, handouts at meetings, flyers, handouts at offices.

 - a. _____
 - b. _____
12. Workshops/watershed planning and stakeholder meetings: (date, location, subject matter and who attended)
 - a. _____
 - b. _____
13. Illicit discharge complaints (phone, email, walk in, mail):
 - a. _____
 - b. _____

14. Linear Feet of Streambank Inspected: 5000

Date: 7/11 & 7/19/17

*use ID # from outfall inventory

1. Recycling Events: dates, location, and amount collected: Ongoing

2. Catch basins cleaned*: Cleaned out Willow Park Ditch Amount of material removed : 40 Yards
3. Catch basins repaired*: _____
4. Triple basin maintenance: _____ Amount of material removed: _____
5. Street Sweeping: Miles: N/A Amount of material removed: _____
6. Maintenance yard material removal (type and amount): Hauled 10 Yards Dirt
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: 6
 - e. Batteries: 2 car
8. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
9. Quantities of salt, brine, beet juice and sand used:
 - a. Salt: _____
 - b. Brine: _____
 - c. Beet Juice: _____
 - d. Sand: _____
10. Employee training: (employee name, date, location and subject matter)
 - a. _____ -
 - b. _____ -
11. Distribution of paper materials: (title of document, date and number distributed)

Newsletter, handouts at meetings, flyers, handouts at offices.

 - a. _____
 - b. _____
12. Workshops/watershed planning and stakeholder meetings: (date, location, subject matter and who attended)
 - a. _____ -
 - b. _____ -
13. Illicit discharge complaints (phone, email, walk in, mail):
 - a. _____ -
 - b. _____ -

14. Linear Feet of Streambank Inspected: 8/3 & 8/17_____

Date: 5000_____

*use ID # from outfall inventory

1. Recycling Events: dates, location, and amount collected: Ongoing

2. Catch basins cleaned*: _____ Amount of material removed : _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: _____ Amount of material removed: _____
5. Street Sweeping: Miles: 20 Amount of material removed: 23 yards
6. Maintenance yard material removal (type and amount): Dirt-60yard Wood Chips-30 Yards
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: 65 oil Filters
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: 12
 - e. Batteries: 2
8. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
9. Quantities of salt, brine, beet juice and sand used:
 - a. Salt: _____
 - b. Brine: _____
 - c. Beet Juice: _____
 - d. Sand: _____
10. Employee training: (employee name, date, location and subject matter)
 - a. _____ -
 - b. _____ -
11. Distribution of paper materials: (title of document, date and number distributed)

Newsletter, handouts at meetings, flyers, handouts at offices.

 - a. _____
 - b. _____
12. Workshops/watershed planning and stakeholder meetings: (date, location, subject matter and who attended)
 - a. _____ -
 - b. _____ -
13. Illicit discharge complaints (phone, email, walk in, mail):
 - a. _____ -
 - b. _____ -

14. Linear Feet of Streambank Inspected: 5000

Date: 9/5 & 9/20/17

*use ID # from outfall inventory

1. Recycling Events: dates, location, and amount collected: Ongoing

2. Catch basins cleaned*: N/A Amount of material removed : _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: N/A Amount of material removed: _____
5. Street Sweeping: Miles: 3 Miles Amount of material removed: 3 yards
6. Maintenance yard material removal (type and amount): Wood Chips 40 Yards
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: 12
 - e. Batteries: 3
8. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
9. Quantities of salt, brine, beet juice and sand used:
 - a. Salt: N/A
 - b. Brine: _____
 - c. Beet Juice: _____
 - d. Sand: _____
10. Employee training: (employee name, date, location and subject matter)
 - a. _____
 - b. _____
11. Distribution of paper materials: (title of document, date and number distributed)
 - a. _____
 - b. _____

Newsletter, handouts at meetings, flyers, handouts at offices.
12. Workshops/watershed planning and stakeholder meetings: (date, location, subject matter and who attended)
 - a. _____
 - b. _____
13. Illicit discharge complaints (phone, email, walk in, mail):
 - a. _____
 - b. _____
14. Linear Feet of Streambank Inspected: 5000 Date: 10/13 & 10/25/17

1. Recycling Events: dates, location, and amount collected: Ongoing

2. Catch basins cleaned*: N/A Amount of material removed : _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: N/A Amount of material removed: _____
5. Street Sweeping: Miles: 15 Amount of material removed: 35 Yards
6. Maintenance yard material removal (type and amount): Wood Chips 70 yards
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: 200 Gal
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: 18
 - e. Batteries: 2 car
8. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: 1630 Date maintenance performed: 11/7
 - b. Vehicle Description: 1640 Date maintenance performed: 11/7
9. Quantities of salt, brine, beet juice and sand used:
 - a. Salt: 7 tons
 - b. Brine: _____
 - c. Beet Juice: _____
 - d. Sand: _____
10. Employee training: (employee name, date, location and subject matter)
 - a. _____
 - b. _____
11. Distribution of paper materials: (title of document, date and number distributed)

Newsletter, handouts at meetings, flyers, handouts at offices.

 - a. _____
 - b. _____
12. Workshops/watershed planning and stakeholder meetings: (date, location, subject matter and who attended)
 - a. _____
 - b. _____
13. Illicit discharge complaints (phone, email, walk in, mail):
 - a. None
 - b. _____

14. Linear Feet of Streambank Inspected: 5000_____

Date: 11/3 & 11/22/17

*use ID # from outfall inventory

1. Recycling Events: dates, location, and amount collected: Ongoing

2. Catch basins cleaned*: N/A Amount of material removed : _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: N/A Amount of material removed: _____
5. Street Sweeping: Miles: 4 Amount of material removed: 8 Yards
6. Maintenance yard material removal (type and amount): Asphalt-30 tons, Dirt-20 Tons, Wood Chips 30 Tons

7. Vehicle maintenance – Amount of material removed:
 - a. Oil: 65 Gallon oil filters
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: 12 car 4 truck
 - e. Batteries: 3
8. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
9. Quantities of salt, brine, beet juice and sand used:
 - a. Salt: 38 Tons
 - b. Brine: 1200 Gallons
 - c. Beet Juice: 400 Gallons
 - d. Sand: _____
10. Employee training: (employee name, date, location and subject matter)
 - a. _____
 - b. _____
11. Distribution of paper materials: (title of document, date and number distributed)
 - a. _____
 - b. _____

Newsletter, handouts at meetings,
flyers, handouts at offices.
12. Workshops/watershed planning and stakeholder meetings: (date, location, subject matter and who attended)
 - a. _____
 - b. _____
13. Illicit discharge complaints (phone, email, walk in, mail):
 - a. _____

b.

-

14. Linear Feet of Streambank Inspected: 5000

Date: 12/8 & 12/21/17

*use ID # from outfall inventory

1. Recycling Events: dates, location, and amount collected: Ongoing

2. Catch basins cleaned*: N/A Amount of material removed : _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: N/A Amount of material removed: _____
5. Street Sweeping: Miles: N/A Amount of material removed: _____
6. Maintenance yard material removal (type and amount): 30 Yards asphalt, 20 Yards Dirt
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: 4
 - e. Batteries: 4
8. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
9. Quantities of salt, brine, beet juice and sand used:
 - a. Salt: 36 tons
 - b. Brine: 400 gallons
 - c. Beet Juice: 50 gallons _____
 - d. Sand: _____
10. Employee training: (employee name, date, location and subject matter)
 - a. _____ -
 - b. _____ -
11. Distribution of paper materials: (title of document, date and number distributed)

Newsletter, handouts at meetings, flyers, handouts at offices.

 - a. _____
 - b. _____
12. Workshops/watershed planning and stakeholder meetings: (date, location, subject matter and who attended)
 - a. _____ -
 - b. _____ -
13. Illicit discharge complaints (phone, email, walk in, mail):
 - a. _____ -
 - b. _____ -

14. Linear Feet of Streambank Inspected: 5000_____

Date: 1/11/18 & 1/24/18

*use ID # from outfall inventory

1. Recycling Events: dates, location, and amount collected: Ongoing

2. Catch basins cleaned*: Bosworth area Wagner to Jeffery___Amount of material removed : 4 yards
3. Catch basins repaired*: _____
4. Triple basin maintenance: N/A Amount of material removed: _____
5. Street Sweeping: Miles: N/A Amount of material removed: _____
6. Maintenance yard material removal (type and amount): Dirt 40 yards
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: 65 gallon tote oil filters _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: 4
 - e. Batteries: 2
8. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
9. Quantities of salt, brine, beet juice and sand used:
 - a. Salt: 120 Tons
 - b. Brine: 1000 Gallons
 - c. Beet Juice: 250 Gallons
 - d. Sand: _____
10. Employee training: (employee name, date, location and subject matter)
 - a. 2 day water loss training 200 N. Columbus Drive Chicago. Luke Albrecht Feb 20 &21 _____
 - b. _____
11. Distribution of paper materials: (title of document, date and number distributed)
 - a. _____
 - b. _____

Newsletter, handouts at meetings, flyers, handouts at offices.
12. Workshops/watershed planning and stakeholder meetings: (date, location, subject matter and who attended)
 - a. _____
 - b. _____
13. Illicit discharge complaints (phone, email, walk in, mail):
 - a. _____
 - b. _____

14. Linear Feet of Streambank Inspected: 5000

Date: 2/13 & 2/27/18

*use ID # from outfall inventory

1. Recycling Events: dates, location, and amount collected: Ongoing

2. Catch basins cleaned*: _____ Amount of material removed : _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: _____ Amount of material removed: _____
5. Street Sweeping: Miles: _____ Amount of material removed: _____
6. Maintenance yard material removal (type and amount): Dirt 40 Yards
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: 210 Gallons _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: _____
 - e. Batteries: Numerous types
 - Light bulbs see attached.
8. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
9. Quantities of salt, brine, beet juice and sand used:
 - a. Salt: _____
 - b. Brine: 600 gallons
 - c. Beet Juice: _____
 - d. Sand: _____
10. Employee training: (employee name, date, location and subject matter)
 - a. _____ -
 - b. _____ -
11. Distribution of paper materials: (title of document, date and number distributed)

Newsletter, handouts at meetings, flyers, handouts at offices.

 - a. _____
 - b. _____
12. Workshops/watershed planning and stakeholder meetings: (date, location, subject matter and who attended)
 - a. 3/12/18 Public Works Rolling Ridge Pre construction Meeting for storm, water, sanitary went over NPDES requirements -
 - b. _____ -
13. Illicit discharge complaints (phone, email, walk in, mail):
 - a. _____ -

b.

-

14. Linear Feet of Streambank Inspected: 5000

Date: 3/8 & 3/29/18

—
*use ID # from outfall inventory



Fluorecycle, Inc.

Recycler of Fluorescent, HID, & Lamps containing Mercury

INVOICE

41112

Date

3/29/2018

Handler/Bill To:

Village of Northfield
1800 Winnetka Road
Northfield, IL 60093

Generator:

Village of Northfield
1800 Winnetka Road
Northfield, IL 60093

Fluorecycle, Inc.

27780 W. Concrete Dr.

Ingleside, IL 60041

Phone: 815-363-4411

Fax: 815-363-4422

E-Mail: sales@Fluorecycle.com

Web: www.fluorecycle.com

Purchase Order #

Purchase Order #

TERMS	FOB	PICKUP / DELIVERY	VIA	REP	PROJECT
Net 30		3/26/2018	Customer		

QUANTITY	ITEM CODE	DESCRIPTION	PRICE EACH	AMOUNT
147	4Ft.	4ft. or less Fluorescent lamps T5 thru T12	0.28	41.16
2	8Ft.	8ft Fluorescent lamps F60-F96, T8 thru T12	0.50	1.00
34	S/B COMP	Self-ballasted Compact Fluorescent Lamps	0.40	13.60
71	PLCOM	Compact/Biax Fluorescent Lamps	0.40	28.40
7	HID	High Intensity Discharge Lamps (HID)	0.85	5.95
6	UBND	U-Shaped Fluorescent T8 or T12, U3 or U6	0.40	2.40
14	INCAD	Incandescent Lamps	0.10	1.40

Account	Amount
01-02-503-4510	\$ 93.91
Date	4-2-18
Dept.	O.K.
Description	disposal of lamps

CUSTOMER MESSAGE:

TOTAL

\$93.91

Part C. MS4 Information and Data Collection Results, Year 15

Annual Monitoring and Data Collection, Year 15

Information and data that the MS4 collected to meet the monitoring requirement of the version of IEPA's General NPDES Permit No. ILR40 that applied to the reporting period are summarized below.

The MS4 revised their SMPP to coincide with the March 2016 ILR40 permit. There are watershed-wide monitoring efforts underway, mainly in Lake County. The MS4 is located in Cook County, primarily within the Middle Fork North Branch Chicago River Watershed. The MS4 participates in the North Branch Chicago River Watershed Workgroup (NBWW). The following is a brief summary of the efforts described in more detail in the SMPP.

- The NBWW is a newly developed watershed workgroup (1/17/2018) developing a monitoring program for water quality in the North Branch of the Chicago River and tributaries to accurately identify the quality of the river ecosystems as well as stressors associated with non-attainment of water quality standards and designated uses. Monitoring data will allow for a greater understanding of the water quality impairments, identify priority restoration activities, and track water quality improvements. The Workgroup is committed to an approach for attaining water quality standards that focuses on stakeholder involvement, monitoring, and locally led decision-making based on sound science. Comprehensive baseline monitoring will begin in 2018 and include chemical, physical and biological components. The NBWW will continue to support the North Branch Watershed Planning Committee and the North Branch Watershed Consortium through regular discussion at general meetings. The MS4 is currently a NBWW member for the reporting year (url: www.nbwwil.org).

Part D. MS4 Summary of Year 16 Stormwater Activities

The table below indicates the stormwater management activities that the MS4 plans to undertake during Year 16. Additional information about the stormwater management activities that the MS4 will perform is provided in the section following the table.

Note: “X” indicates BMPs that will be implemented during Year 16

Year 16	
MS4	
A. Public Education and Outreach	
X	A.1 Distributed Paper Material
	A.2 Speaking Engagement
	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
	B.2 Educational Volunteer
	B.3 Stakeholder Meeting
X	B.4 Public Hearing
	B.5 Volunteer Monitoring
X	B.6 Program Coordination
	B.7 Other Public Involvement
C. Illicit Discharge Detection and Elimination	
X	C.1 Storm Sewer Map Preparation
X	C.2 Regulatory Control Program
X	C.3 Detection/Elimination Prioritization Plan
X	C.4 Illicit Discharge Tracing Procedures
X	C.5 Illicit Source Removal Procedures
X	C.6 Program Evaluation and Assessment
X	C.7 Visual Dry Weather Screening
	C.8 Pollutant Field Testing
	C.9 Public Notification
	C.10 Other Illicit Discharge Controls

Year 16	
MS4	
D. Construction Site Runoff Control	
X	D.1 Regulatory Control Program
X	D.2 Erosion and Sediment Control BMPs
X	D.3 Other Waste Control Program
X	D.4 Site Plan Review Procedures
X	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
	F.3 Municipal Operations Storm Water Control
X	F.4 Municipal Operations Waste Disposal
	F.5 Flood Management/Assess Guidelines
	F.6 Other Municipal Operations Controls

Stormwater Management Activities, Year 16

During Year 16, the MS4 plans to continue to support and supplement QLP efforts, as described in detail in the MS4's SMPP and in brief below. The MS4's SMPP can be viewed at [http://www.gha-engineers.com/ms4/wp-content/uploads/2017/07/Northfield_SMPP-No-appendices.pdf].

A. Public Education and Outreach

The MS4 utilizes a variety of methods to educate and provide outreach to the public about the importance of managing pollutants that potentially could enter the stormwater system. The MS4's Public Education and Outreach program includes: the distribution of educational material via take-away racks, municipal newsletters, and on the Village website.

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.

B. Public Participation/Involvement

The MS4 utilizes a variety of methods to allow input from citizens during the development and implementation of the SMPP. The MS4's Public Participation/Involvement program includes: maintaining a process for receiving and processing citizen input/complaints; attending and publicizing stakeholder meetings, identification of environmental justice areas, and presenting program information at a public meeting at least once annually.

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.

C. Illicit Discharge Detection and Elimination

The MS4 will conduct activities toward the identification and removal of direct connections of pollutants into the storm water management systems (including wetlands and receiving waters). The program includes the following primary components.

- An outfall map showing the locations of outfalls and the names and locations of all waters that receive discharges from those outfalls;
- An ordinance that prohibits all non-storm water discharges into the storm sewer system and provides the authority for appropriate enforcement procedures and actions;
- A plan to detect and address all non-stormwater discharges, into the storm sewer system;
- Annual inspection of all High Priority Outfalls

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.

D. Construction Site Runoff Control

Cook County has adopted a countywide Watershed Management Ordinance (WMO) that establishes the minimum stormwater management requirements for development in Cook County. The WMO establishes countywide standards for runoff maintenance, detention sites, soil erosion and sediment control, inspections, water quality, wetlands and floodplains. The WMO, which is administered and enforced within the community by the MWRD, establishes standards for construction site runoff control.

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Assist MWRD in ensuring that all applicable developments are in compliance with the WMO.

E. Post-Construction Runoff Control

As described above, the countywide WMO establishes the minimum stormwater management requirements for development in Lake County. BMP standards are incorporated into the WMO to implement stormwater management strategies that minimize increases in stormwater runoff rates, volumes, and pollutant loads from development sites. The SMPP also includes support of Watershed Plan recommendations and inspection procedures for streambanks and shorelines, streambeds, and detention/retention ponds.

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Assist MWRD in ensuring that all applicable developments are in compliance with the WMO.

F. Pollution Prevention/Good Housekeeping

In addition to the QLP efforts to provide training materials and opportunities, the MS4 is committed to implementing the Pollution Prevention/Good Housekeeping component of its SMPP. The MS4 is responsible for the care and upkeep of the general facilities, municipal roads, its general facilities and associated maintenance yards. The MS4's Pollution Prevention/Good Housekeeping program includes: the evaluation and improvement of municipal policies and procedures to reduce the discharge of pollutants from municipal activities and operations.

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.

Part E. Notice of Qualifying Local Program

N/A

Part F. MS4 Construction Projects Conducted During Year 15

Using the following table, provide a list of the construction projects owned by your MS4 that, during Year 15, disturbed or will disturb one or more acres of land or are part of a larger common plan of development that will ultimately disturb one or more acres of land (i.e., projects requiring coverage under IEPA's General NPDES Permit No. ILR10).

Project Name	Project Size (acres)	Construction Start Date	Construction End Date