



Public Works

May 15, 2017

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attn: Permit Section
Post Office Box 19276
Springfield, Illinois 62794-9276

Re: NPDES Phase II – Year Fourteen 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, P.E., 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, 2016 To March, 2017

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: Dick 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

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))


Owner Signature:

Printed Name:

5-16-17
Date:
Assistant Director - Per
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. ILR40 0405
Permit Year 14: March 2016 to March 2017**

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Part A. MS4 Changes to Best Management Practices, Year 14

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 14

Year 14	
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
✓	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
✓	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
✓	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 14	
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
✓	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 Village of Northfield's SMPP during Year 14 is provided below.

In response to the new ILR40 permit, effective March 1, 2016, Village of Northfield reviewed and revised its SMPP. Year 14 activities were done in accordance with the previous SMPP. Commitments described for Year 15 are a reflection of the revised SMPP.

A.6 Other Public Education

Measurable Goal(s):

- Make educational materials available online and at the Village Hall for residents to take.

Year 14 MS4 activities:

- A handout containing several Homeowner Best Management Practices is made available at the Village Hall, and is included in the SMPP as an appendix. Additional educational resources are located at <http://www.gha-engineers.com/ms4/educational/> which the Village has a link to on its website.

B.6 Program Coordination

Measurable Goal(s):

- Preparation of a Stormwater Management Program Plan (SMPP).

Year 14 MS4 activities:

- A SMPP was prepared by the Village during Year 14.

C.4 Illicit Discharge Tracing Procedures

Measurable Goal(s):

- Develop a plan to detect and address non-storm water discharges and illegal dumping.

Year 14 MS4 activities:

- A web page was developed, which is linked on the Village website, for residents to report a potential illicit discharge: <http://www.gha-engineers.com/ms4/contact/>

D.7 Other Construction Site Controls

Measurable Goal(s):

- Develop a plan to detect and address non-storm water discharges and erosion.

Year 14 MS4 activities:

- A web page was developed, which is linked on the Village website, for residents to report an erosion control issue: <http://www.gha-engineers.com/ms4/contact/>

Part B. MS4 Status of Compliance with Permit Conditions, Year 14

Stormwater Management Activities, Year 14

Please note that IEPA issued a new version of its General NPDES Permit No. ILR40 (Permit), effective on March 1, 2016. The bulk of MS4 efforts during Year 14 consisted on reviewing and revising its SMPP to comply with the new permit conditions. The SMPP can be viewed at the following link: www.gha-engineers.com/ms4.

The stormwater management activities that the MS4 performed during Year 14, including the MS4's BMPs and measurable goals, are described in detail in the MS4's previous SMPP and summarized below. 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.

Year 14 MS4 activities:

- Village of Northfield 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.

Year 14 MS4 activities:

- Village of Northfield 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.

Year 14 MS4 activities:

- Village of Northfield 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.
- Village of Northfield supports the MWRDs enforcement of the WMO.

Year 14 MS4 activities:

- Village of Northfield continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- Village of Northfield supports the MWRDs 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.
- Village of Northfield supports the MWRDs enforcement of the WMO.

Year 14 MS4 activities:

- Village of Northfield continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- Village of Northfield supports the MWRDs 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.

Year 14 MS4 activities:

- Village of Northfield continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.

Please see the attached tracking forms on the following pages.

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): _____
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: 250 Gallons
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: _____
 - e. Batteries: 12 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)
 - 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. 4/27/16 Public Works, MS4 changes, Pat Glenn Catlin Burke Dick Knudson
 - b. _____
13. Illicit discharge complaints (phone, email, walk in, mail):
 - a. _____
 - b. _____
14. Linear Feet of Streambank Inspected: 5000_____ Date: 4/6 & 4/20/16

Village of Northfield MS4 Tracking Form for May 2016

1. Recycling Events: dates, location, and amount collected: _____
_____ Ongoing _____
2. Catch basins cleaned*: _____ N/A _____ Amount of material removed : _____
3. Catch basins repaired*: _____ N/A _____
4. Triple basin maintenance: _____ N/A _____ Amount of material removed: _____
5. Street Sweeping: Miles: _____ 12 _____ Amount of material removed: 10 yards _____
6. Maintenance yard material removal (type and amount): _____ 30 yards dirt _____
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: 250 _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: _____ 4 _____
 - e. Batteries: _____ 8 _____
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: _____ N/A _____
 - b. Brine: _____
 - c. Beet Juice: _____
 - d. Sand: _____
10. Employee training: (employee name, date, location and subject matter)
 - a. _____
See Attached _____
 - 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: 5/6 & 5/26/16

*use ID # from outfall inventory

**VILLAGE OF NORTHFIELD
PUBLIC WORKS DEPARTMENT
Training Meeting**

DATE: May

EMPLOYEE:	SIGNATURE:
MIKE NYSTRAND	
DICK KNUDSON	<i>dk</i> 5-3-16
TOM BURKE	<i>T. Burke</i> 5-3-16
PHIL CLARKE	<i>Phil Clarke</i> 5-3-16
BILL WIPPERFURTH	<i>Bill Wipperfurth</i> 4-28-16
ERIC JORDAN	<i>Eric Jordan</i>
DAVE VIDO	<i>Dave Vido 365</i> 5-3-16
LUKE ALBRECHT	<i>Luke Albrecht</i> 5-17-16
MATT HUEBNER	<i>Matt Huebner</i> 5-25-16
BRANDON SCHIPFER	<i>Brandon Schipfer</i> 5-18-16
BRAD KNUDSON	<i>Brad Knudson</i> 4-28-16
KATHERINE PIETROSKI	
ART AMIDEI	<i>Art Amidei</i> 5-2-16
	5-3-16
JOHN RIKJE	5-2-16
Tyler Glowacki Andrew Glowacki	<i>Tyler Glowacki Andrew Glowacki</i> 5-10-16
SEAN SZLAK	

Watch NPDES Video Training

- Pollution Prevention + Good Housekeeping for PW operations
- Storm Water strategies: Housekeeping
- Storm Water Pollution prevention

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: 12 yards
6. Maintenance yard material removal (type and amount): _____
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: _____
 - e. Batteries: _____
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: Aug 5th & 19th

*use ID # from outfall inventory

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

2. Catch basins cleaned*: MH 1832,286,261,305,704_Amount of material removed : <1 yard
3. Catch basins repaired*: Same as above
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): Brush 30 yards, dirt 16 yard
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: 35 Gallons
 - b. Antifreeze: 40 Gallons _____
 - c. Other Fluids: _____
 - d. Tires: _____
 - e. Batteries: _____
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)
 - 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: 8/3/16 & 8/24/16

*use ID # from outfall inventory

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

2. Catch basins cleaned*: Clean all curbed catch basins before rain.9/7 Amount of material removed : ½ yard
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): N/A
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: 250 Gallons
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: 12
 - e. Batteries: 5- 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)

- 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. 3 illegal sump pump connections were found and letters sent 189 Happ, 186 W. Frontage, and 1915 Bosworth.
 - b. _____
14. Linear Feet of Streambank Inspected: 5000 Date: 9/9 & 9/21/16

Village of Northfield MS4 Tracking Form for October_____ 2016

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: 20 Amount of material removed: 8 yards
6. Maintenance yard material removal (type and amount): _____
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: 8
 - e. Batteries: 2
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: _____
 - 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: 10/5 &10/19/16

*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*: Adjusted 306 Dickens – no number
4. Triple basin maintenance: N/A Amount of material removed: _____
5. Street Sweeping: Miles: 20 Amount of material removed: 15 yards
6. Maintenance yard material removal (type and amount): Dirt 20
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: 30 Gallons
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: 22
 - 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: 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: 11/8 & 11/23/16

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): Wood Chips 25 Yards Dirt 20 Yards _____
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: 250 Gallons
 - b. Antifreeze: _____
 - c. Other Fluids: 55 Gallon can of oil filters
 - 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: 66 Tons
 - b. Brine: 1800 Gallons
 - c. Beet Juice: 360 Gallons _____
 - d. Sand: N/A
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. N/A
 - b. _____
14. Linear Feet of Streambank Inspected: 5000 Date: 12/6 and 12/15

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

2. Catch basins cleaned*: _____ Amount of material removed : _____
3. Catch basins repaired*: Rear PW lot. Not on map no #. Replaced flat top
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): _____
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: 12
 - e. Batteries: 2 car
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: 18 Tons
 - b. Brine: 1800 Gallons
 - c. Beet Juice: _____
 - d. Sand: _____
10. Employee training: (employee name, date, location and subject matter)
 - a. IEPA Chlorides discussion Balagio Restaurant 17501 Dixie Hwy Homewood -
 - 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 MWRD Chicago office about Winnetka trunk line Mike Nystrand, Pat Glenn, Dick Knudson, Holly Sauter MWRD, Joseph Schuessler MWRD -
 - b. _____ -
13. Illicit discharge complaints (phone, email, walk in, mail):
 - a. _____ -

b.

-

14. Linear Feet of Streambank Inspected: 5000_____

Date: 1/5 & 1/26/17

*use ID # from outfall inventory

1. Recycling Events: dates, location, and amount collected: Ongoing
I Load Steel 6 Wheeler
2. Catch basins cleaned*: 171, 160, 163, 164,165, 161, 170, 172, 173, 174, 175, 176, 177, 178, 215, 2373, 216, 208, 207, 205, 206, 209, 210, 201, 203, 158, 159, 157, 169, 168, 167, 166 East side _____
Amount of material removed : 5 yards
3. Catch basins repaired*: N/A _____
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): N/A _____
7. Vehicle maintenance – Amount of material removed:
 - a. Oil: 65 Gallon Tote oil filters 200 Gallons
Oil
 - b. Antifreeze: 15 Gallons
 - c. Other Fluids: 61 4' T-5-T12 Lights, 48 Hid Lights,
 41 Biax Lights, 3 self Ballast CFL
 - d. Tires: _____
 - e. Batteries: 8 car 20 NiCad 76 Lbs Lead
Calcium Batteries
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: None
 - b. Brine: None
 - 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: 2/3 & 2/22/17

*use ID # from outfall inventory

Stormwater Management Program Assessment, Year 14

An overall assessment of the MS4's stormwater management program and the appropriateness of its BMPs is provided below. The Village of Northfield revised its 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).

Part C. MS4 Information and Data Collection Results, Year 14

Annual Monitoring and Data Collection, Year 14

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 Village of Northfield is located outside of the current watershed-wide monitoring efforts. The Village performed water quality monitoring at 2 locations, one upstream and one downstream along the Middle Fork North Branch Chicago River. The data collected from these water quality sampling locations will be compared with subsequent years on an annual basis to determine whether the BMPs and stormwater management program are appropriate.

IDDE Monitoring and Data Collection, Year 14

Information and data that the MS4 collected as part of its illicit discharge detection and elimination program are summarized below.

The Village of Northfield inspects its outfalls and catch basins monthly, and makes any necessary repairs. The Village also conducts annual dry-weather inspections for potential illicit discharges. On August 12, 2016, the Village inspected 48 outfalls. A flow was noted at 3 outfalls, but no potential illicit discharges were noted.

This monthly tracking information is located in the Appendix.

Part D. MS4 Summary of Year 15 Stormwater Activities

The table below indicates the stormwater management activities that the MS4 plans to undertake during Year 15. Additional information about the stormwater management activities that the MS4 will perform during Year 15 is provided in the section following the table.

Note: X indicates BMPs that will be implemented 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
	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
	D.3 Other Waste Control Program
X	D.4 Site Plan Review Procedures
	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

Stormwater Management Activities, Year 15

During Year 15, the Village of Northfield plans to continue to support and supplement QLP efforts, as described in detail in the MS4's SMPP and in brief below. The Village's SMPP can be viewed at www.gha-engineers.com/ms4.

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, website, at outreach events and by supporting efforts of the West Cook County Solid Waste Agency (WCCSWA).

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.

- A 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;
- Periodic inspection of outfalls for detection of non-stormwater discharges and illegal dumping (5-yr rescreening schedule).
- 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), enforced by the Metropolitan Water Reclamation District (WMRD) of Greater Chicago 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.
- Support the MWRD's enforcement of the WMO, to ensure that all applicable developments are in compliance with the WMO.

E. Post-Construction Runoff Control

The countywide WMO establishes the minimum stormwater management requirements for development in Cook 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 adopted 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.
- Support the MWRD's enforcement of the WMO, to ensure that all applicable developments are in compliance with the WMO.

F. Pollution Prevention/Good Housekeeping

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; and, a training program for municipal employees.

Measurable Goal(s):

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

Part E. N/A

No qualifying local program (QLP).

Part F. MS4 Construction Projects Conducted During Year 14

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