

GRANT TOWNSHIP

HWY. COMMISSIONER

KIMBER KIESGEN

April 13, 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
Grant Township MS4 Permit No. ILR40-0059

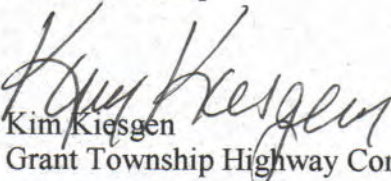
To Whom It May Concern:

On behalf of Grant Township, please find attached a completed IEPA Annual Facility Inspection Report 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 Environmental Consultant, Ms. Caitlin Burke at (847) 478-9700.

Sincerely,

Grant Township


Kim Kiesgen
Grant Township Highway Commissioner

cc: Tom Rychlik, Gewalt Hamilton Associates, Inc.

26535 MOLIDOR ROAD • INGLESIDE, IL 60041
(847) 546-ROAD • fax: (847) 546-7632
email: road5467@msn.com



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 0059

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

Name: Grant Township Mailing Address 1: 26535 Molitor Road
Mailing Address 2: _____ County: Lake
City: Ingleside State: IL Zip: 60041 Telephone: (847) 546-7623
Contact Person: Kim Kiesgen Email Address: road5476@msn.com
(Person responsible for Annual Report)

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

Lake County Grant Township

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))

Kim Kiesgen
Owner Signature:
Kim Kiesgen
Printed Name:

APRIL 18, 2018
Date:
Highway Commissioner
Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

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
for General Permit for Discharges from Small MS4s

Grant Township
Permit No. ILR40 0059
Permit Year 15: March 1, 2017 to February 28, 2018

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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
X	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
	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
X	C.8 Pollutant Field Testing
	C.9 Public Notification
	C.10 Other Illicit Discharge Controls

Year 15	
MS4	
D. Construction Site Runoff Control	
	D.1 Regulatory Control Program
X	D.2 Erosion and Sediment Control BMPs
	D.3 Other Waste Control Program
	D.4 Site Plan Review Procedures
	D.5 Public Information Handling Procedures
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
	E.2 Regulatory Control Program
X	E.3 Long Term O&M Procedures
	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

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. On behalf of all MS4s within the county, SMC performs activities related to each of the six minimum control measures which are described in detail in the SMPP. These BMPs, implemented at the county level, make significant strides in achieving the statutory goal of reducing the discharge of pollutants to the MEP as watershed boundaries are not constrained by municipal borders. The SMPP can be viewed at the following link:

http://www.gha-engineers.com/ms4/wp-content/uploads/2017/07/Grant-Twp_SMPP-No-appendices.pdf

In response to the new ILR40 permit, effective March 1, 2016, the QLP issued a revised SMPP template in November of 2016 (near the end of Year 14). 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 Township Office / in Township Newsletter, ensure MS4 documents are posted to website, support Lake County SMC outreach efforts, publicize SWALCO events, and promote BMPs to residents.

Year 15 MS4 activities:

- The MS4 links to educational stormwater resources and best management practices on its website.
- The MS4 continues to implement the BMPs described in its SMPP and listed above, 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 Board at a public meeting, identify Environmental Justice areas, publicize Township 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 listed above, 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: support of SMC in enforcing the WDO, perform annual dry-weather inspections of the Township'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
- Assist SMC in ensuring that all applicable developments are regulated pursuant to the WDO.

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 assist SMC in ensuring that all applicable developments are regulated pursuant to the WDO.

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, and 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), and periodic inspection of streambanks and detention pond shorelines for erosion.
- Assist SMC in ensuring that all applicable developments regulated pursuant to the WDO.

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 assist SMC in ensuring that all applicable developments are regulated pursuant to the WDO.

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 Lake County SMC, and ensuring the relevant staff are trained in Best Management Practices, including snow and ice removal.

Year 15 MS4 activities:

- Township staff members intend to register for the Lake County SMC Deicing Workshop in 2018.
- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.

Stormwater Management Program Assessment, Year 15

The MS4 revised their SMPP to coincide with the March 2016 ILR40 permit. As described in the revised SMPP there are extensive monitoring efforts already underway across the County, refer to Part C of this report for additional information. The QLP section of the report describes the Status of Lake County waters using information gathered by active workgroups and the Lake County Health Department along with a discussion on TMDL status within the County. The Status of Lake County Waters provides insight as to the overall effectiveness of countywide efforts to improve water quality. As an active MS4 within the County, the countywide findings reflect the individual efforts of each MS4. Additionally, 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 Grant Township during Year 15 are included on the following pages.

[1_MS4 March 2017.pdf](#)
[2_MS4 April 2017.pdf](#)
[3_MS4 May 2017.pdf](#)
[4_May SafetyKleen.pdf](#)
[5_MS4 June 2017.pdf](#)
[6_MS4 July 2017.pdf](#)
[7_MS4 Reports August 2017 thru December 2017.pdf](#)
[7a_Grant Nov 2017 page order.pdf](#)
[8_MS4- January 2018.pdf](#)
[9_MS4- February 2018.pdf](#)
[10_Grant February 2018 page order.pdf](#)
[11_MS4- March 2018.pdf](#)

- MS4 Name: Grant Township Highway Month MARCH Year 2017
1. Recycling Event (dates/ location/amount collected) Electronics Recycling TOTAL - MARCH 2017 - 85,964 lbs
 2. Catch basins cleaned*: _____ Amount of material removed: _____
 3. Catch basins repaired*: _____
 4. Triple basin maintenance: _____ Amount of material removed: _____
 5. Street Sweeping (liner feet): _____ Amount of material removed: _____
 6. MS4 projects >1 acre (name/location/ size): _____
 7. Permit Issued: _____
 - a. Type: _____
 - b. Property Owner: _____
 - c. Wetland Impact/Mitigation: _____
 - d. Detention: _____
 - e. Deed Restriction: _____
 - f. NPDES Permit: _____
 8. Violations: _____
 9. Amount of material removed from maintenance yard:
 - a. Oil: 7 Quarts
 - b. Antifreeze: _____
 - c. Other Fluids: MOL 30 w/ Premium Solvent (Safety Kleen)
 - d. Tires: _____
 - e. Batteries: _____
 10. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
 11. Quantities used:
 - a. Salt: 28 yards
 - b. Brine: _____
 - c. Supermix: _____
 - d. Beet Juice: 15 gallons
 - e. Sand: Salt - 18 yards
 - f. Other: _____
 12. Employee training: (employee name/ date/ location/subject matter)
 - a. _____
 - b. _____
 13. Distribution of paper materials: (title of document/date/number distributed/method of distribution)
 - a. _____
 - b. _____
 14. Workshops/watershed planning and stakeholder meetings: (date/location/subject matter/who attended)
 - a. _____
 - b. _____
 - c. _____
 - d. _____
 15. Illicit discharge complaints (phone/email/walk in/mail):
 - a. _____
 - b. _____
 16. Spills reported: _____
 17. Other: _____

MS4 Name: Grant Township Highway Month April Year 2017

1. Recycling Event (dates/ location/amount collected) Electronics Recycling Total - April 2017 - 51,905 lb
2. Catch basins cleaned*: _____ Amount of material removed: _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: _____ Amount of material removed: _____
5. Street Sweeping (liner feet): _____ Amount of material removed: _____
6. MS4 projects >1 acre (name,/location/ size): _____
7. Permit Issued: _____
 - a. Type: _____
 - b. Property Owner: _____
 - c. Wetland Impact/Mitigation: _____
 - d. Detention: _____
 - e. Deed Restriction: _____
 - f. NPDES Permit: _____
8. Violations: _____
9. Amount of material removed from maintenance yard:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: _____
 - e. Batteries: _____
10. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
11. Quantities used:
 - a. Salt: _____
 - b. Brine: _____
 - c. Supermix: _____
 - d. Beet Juice: _____
 - e. Sand: _____
 - f. Other: _____
12. Employee training: (employee name/ date/ location/subject matter)
 - a. _____
 - b. _____
13. Distribution of paper materials: (title of document/date/number distributed/method of distribution)
 - a. _____
 - b. _____
14. Workshops/watershed planning and stakeholder meetings: (date,/location/subject matter/who attended)
 - a. _____
 - b. _____
 - c. _____
 - d. _____
15. Illicit discharge complaints (phone/email/walk in/mail):
 - a. _____
 - b. _____
16. Spills reported: _____
17. Other: _____

MS4 Name: Grant Township Highway Month May Year 2017

1. Recycling Event (dates/ location/amount collected) Electronics Recycling Total: May 2017 - 73,611 -
2. Catch basins cleaned*: _____ Amount of material removed: _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: _____ Amount of material removed: _____
5. Street Sweeping (liner feet): _____ Amount of material removed: _____
6. MS4 projects >1 acre (name/location/ size): _____
7. Permit Issued: _____
 - a. Type: _____
 - b. Property Owner: _____
 - c. Wetland Impact/Mitigation: _____
 - d. Detention: _____
 - e. Deed Restriction: _____
 - f. NPDES Permit: _____
8. Violations: _____
9. Amount of material removed from maintenance yard:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: MDL 30 w/Premium Solvent
(Safety Kleen)
 - d. Tires: _____
 - e. Batteries: _____
10. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
11. Quantities used:
 - a. Salt: _____
 - b. Brine: _____
 - c. Supermix: _____
 - d. Beet Juice: _____
 - e. Sand: _____
 - f. Other: _____
12. Employee training: (employee name/ date/ location/subject matter)
 - a. _____
 - b. _____
13. Distribution of paper materials: (title of document/date/number distributed/method of distribution)
 - a. _____
 - b. _____
14. Workshops/watershed planning and stakeholder meetings: (date/location/subject matter/who attended)
 - a. _____
 - b. _____
 - c. _____
 - d. _____
15. Illicit discharge complaints (phone/email/walk in/mail):
 - a. _____
 - b. _____
16. Spills reported: _____
17. Other: _____

*MS4
Report*

Safety-Kleen Systems, Inc.

2600 N Central Expy, Suite 200
Richardson, TX 75080
CORPORATE: 800-669-5740
24 HR EMERGENCY: 800-468-1760 (Safety-Kleen)
8474686600

CUSTOMER# GR21490 Grant Township
26535 W Molitor Rd
Ingleside IL 60041-8911
PHONE 847-546-7623
BILL TO CUSTOMER# GR21490
BILL TO ADDRESS:
Grant Township
26535 W Molitor Rd
Ingleside IL 60041-8911
PHONE 847-546-7623

REFERENCE NBR.
73565116-1702082057
SRVC WEEK: 2017-21
SRVC DATE: 05/23/17

PURCHASE ORDER# NA

TAX EXEMPT#

PRODUCT/SERVICES

SERVICE/ PRODUCT	QTY	UNIT PRICE	TAX	CHARGE	TOTAL
30150 MDL 30 WITH PRM SOLVENT	1.000	261.7600	0.00		261.76
S/N 7060330 TAG 00001140AS0/060330 CLEAN 15.00 SPENT				15.000	
SERVICE TERM 12 WEEK	SCANNED YES				
TOTAL SERVICE/PRODUCTS		261.7600	0.00		261.76
			TOTAL CHARGE		261.76
			CREDITS		0.00
			TOTAL DUE		261.76

UNPAID BALANCE (THIS RECEIPT)

261.76

Machine clean and good condition? Yes
Lamp Assembly Condition Yes
Decals in place and legible? Yes
Fusible link installed? Yes
Emergency closing of lid unobstructed? Yes
Machine properly grounded? Yes
Local Phone No. Sticker Affixed to Machine Yes
Spent solvent meets acceptance criteria? Yes

GENERATOR STATUS

0-220 lbs/month

Customer certifies that (i) the above named materials are properly classified, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation (ii) no material change has occurred either in the characteristics of the waste/material or in the process generating the waste/material, and (iii) the above referenced Generator Status is correct. Customer agrees to pay the above charges and to be bound by the terms and conditions (1) set forth in (a) the General Terms and Conditions provided separately to Customer or (b) any SK agreement signed by Customer and SK, and (2) incorporated herein by reference. Unless otherwise indicated in the payment received section, SK is authorized to charge Customer's account for this transaction. If Customer fails to make payment when due, an amount equal to the lesser of (i) 1.5% per month (18% per annum) or (ii) the maximum amount allowed by law, will be added to all unpaid amounts outstanding. Customer certifies that the individual signing this Service Acknowledgement is duly authorized to sign and bind Customer. Customer acknowledges that it is responsible for maintaining its Generator Status and obtaining an EPA ID number if required by applicable law. The following provision is applicable to Safety-Kleen's parts cleaner and paint gun cleaner services: Customer agrees that it will not introduce any substance into the solvent or aqueous cleaning solution, including without limitation any hazardous waste or hazardous waste constituent, except to the extent such introduction is incidental to the normal use of the machine. Customer further agrees that it will not clean parts/paint guns that have been contaminated with or otherwise introduce polychlorinated biphenyls (PCBs), herbicides, pesticides, dioxins or listed hazardous waste into the solvent or aqueous cleaning solution. Safety-Kleen has the capacity and is permitted to accept, store, and/or reclaim the spent parts washer solvent; paint thinners, solvents and paints generated by customer; or dry cleaning filter cartridges, powder, and still residues containing perchloroethylene, petroleum naphtha, or trifluorotrichloroethane dry cleaning solvents. Customer agrees that it is responsible for properly classifying its waste streams as Used Oil or Nonhazardous Waste in accordance with the provision of 40 CFR 262.11 and applicable state laws. Customer agrees that it will not introduce any non-conforming substance into the SK Property, including, without limitation, any hazardous waste or hazardous waste constituent, (i.e., polychlorinated biphenyls ("PCBs"), herbicides, pesticides, dioxins, or listed hazardous wastes) except to the extent such introduction is incidental to the normal use of the SK Property. In the event of the introduction of such non-conforming hazardous waste, Customer agrees that it will be responsible for all costs and remediation expenses related to or arising from the proper management and disposal of the non-conforming waste, including the cost of equipment decontamination and subsequent disposal. Final invoicing will be based on the actual services provided, which may include additional charges for off specification waste and surcharges. Final invoice amount may be more than the amount listed on the printed receipt. If any legal action is commenced because of an alleged dispute, breach, default or misrepresentation, the Customer also agrees that the prevailing party will be entitled to recover reasonable attorney's fees and costs associated with the

MS4 Name: Grant Township Highway Month June Year 2017

1. Recycling Event (dates/ location/amount collected) Electronic Recycling Total June 2017- 85,922 lbs
2. Catch basins cleaned*: _____ Amount of material removed: _____
3. Outfalls Inspected : 19 outfalls inspected summer 2017; see attached Outfall Summary Form
4. Triple basin maintenance: _____ Amount of material removed: _____
5. Street Sweeping (liner feet): _____ Amount of material removed: _____
6. MS4 projects >1 acre (name,/location/ size): _____
7. Permit Issued: _____
 - a. Type: _____
 - b. Property Owner: _____
 - c. Wetland Impact/Mitigation: _____
 - d. Detention: _____
 - e. Deed Restriction: _____
 - f. NPDES Permit: _____
8. Violations: _____
9. Amount of material removed from maintenance yard:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: _____
 - e. Batteries: _____
10. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
11. Quantities used:
 - a. Salt: _____
 - b. Brine: _____
 - c. Supermix: _____
 - d. Beet Juice: _____
 - e. Sand: _____
 - f. Other: _____
12. Employee training: (employee name/ date/ location/subject matter)
 - a. _____
 - b. _____
13. Distribution of paper materials: (title of document/date/number distributed/method of distribution)
 - a. _____
 - b. _____
14. Workshops/watershed planning and stakeholder meetings: (date,/location/subject matter/who attended)
 - a. _____
 - b. _____
 - c. _____
 - d. _____
15. Illicit discharge complaints (phone/email/walk in/mail):
 - a. _____
 - b. _____
16. Spills reported: _____
17. Other: _____

**Grant Township
Year 15 Outfall Inspections**

ID #	Sub-Watershed	Date	Past 72 hrs Precipitation	Land use	Type	Material	Size	Submerged (Water/ Sediment)	Possible Illicit Discharge	Flow	Physical Indicators (Flowing outfalls)	Non-Illicit Discharge Concerns / comments
20	Upper Fox River	6/21/2017	None	Residential	Storm Sewer	HDPE	12"	No/No	No	No		Homeowners say that the side wall around the outfall is collapsing
21	Upper Fox River	6/21/2017	None	Residential	Storm Sewer	Plastic	8"	Partially/No	No	No		Outfall is bent
22	Upper Fox River	6/21/2017	None	Residential	Storm Sewer	PVC	6"	Partially/No	No	No		
23	Upper Fox River	6/21/2017	None	Residential	Storm Sewer	PVC	6"	Partially/No	No	No		
24	Upper Fox River	6/21/2017	None	Residential	Storm Sewer	CMP	12"	Fully/No	No	No		Outfall has been submerged for multiple years
34	Lower Fox River	6/21/2017	None	Residential	Storm Sewer	PVC	10"	Fully/No	No	No		There is excessive algaw present in and around the outfall as well as cracking and chipping.
40	Upper Fox River	6/21/2017	None	Residential	Storm Sewer	CMP	6"	No/No	No	Trickle	No	Outfall shows signs of cracking and chipping
42	Upper Fox River	6/21/2017	None	Residential	Storm Sewer	PVC	8"	Partially/No	No	No		
43	Upper Fox River	6/21/2017	None	Residential	Storm Sewer	Clay/ Drain Tile	8"	No/No	No	No		Debris appears to be blocking the outfall
44	Upper Fox River	6/21/2017	None	Residential	Storm Sewer	Plastic/ Aggregate	N/A	N/A	No	N/A		Unable to identify outfall
45	Fish Lake Drain	6/21/2017	None	Residential	Storm Sewer	PVC	6"	No/Partially	No	No		Excessive vegetation is present and restricts access

**Grant Township
Year 15 Outfall Inspections**

50	Lower Fox River	6/21/2017	None	Residential	Storm Sewer	CMP	8"	Partially/No	No	No		Excessive algae is present in the pool
51	Lower Fox River	6/21/2017	None	Residential	Storm Sewer	CMP	6"	Partially/Partially	No	No		
52	Lower Fox River	6/21/2017	None	Residential	Storm Sewer	PVC	6"	No/No	No	No		
53	Lower Fox River	6/21/2017	None	Residential	Swale	Earthen	10" 18" 10"	Partially/No	No	No		
54	Lower Fox River	6/21/2017	None	Residential	Storm Sewer	RCP	12"	Fully/Partially	No	No		The outfall is completely submerged and difficult to locate
55	Lower Fox River	6/21/2017	None	Residential	Storm Sewer	CMP	12"	No/No	No	No		

MS4 Name: Grant Township Highway Month July Year 2017

1. Recycling Event (dates/ location/amount collected) Electronics Recycling Total- July 2017- 72,065 lbs
2. Catch basins cleaned*: _____ Amount of material removed: _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: _____ Amount of material removed: _____
5. Street Sweeping (liner feet): _____ Amount of material removed: _____
6. MS4 projects >1 acre (name,/location/ size): _____
7. Permit Issued: _____
 - a. Type: _____
 - b. Property Owner: _____
 - c. Wetland Impact/Mitigation: _____
 - d. Detention: _____
 - e. Deed Restriction: _____
 - f. NPDES Permit: _____
8. Violations: _____
9. Amount of material removed from maintenance yard:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: _____
 - e. Batteries: _____
10. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
11. Quantities used:
 - a. Salt: _____
 - b. Brine: _____
 - c. Supermix: _____
 - d. Beet Juice: _____
 - e. Sand: _____
 - f. Other: _____
12. Employee training: (employee name/ date/ location/subject matter)
 - a. _____
 - b. _____
13. Distribution of paper materials: (title of document/date/number distributed/method of distribution)
 - a. _____
 - b. _____
14. Workshops/watershed planning and stakeholder meetings: (date/location/subject matter/who attended)
 - a. _____
 - b. _____
 - c. _____
 - d. _____
15. Illicit discharge complaints (phone/email/walk in/mail):
 - a. _____
 - b. _____
16. Spills reported: _____
17. Other: _____

MS4 Name: Grant Township Highway Month August Year 2017

1. Recycling Event (dates/ location/amount collected) Electronics Recycling Total - August 2017 - 93,890 lbs

2. Catch basins cleaned*: _____ Amount of material removed: _____

3. Catch basins repaired*: _____

4. Triple basin maintenance: _____ Amount of material removed: _____

5. Street Sweeping (liner feet): _____ Amount of material removed: _____

6. MS4 projects >1 acre (name,/location/ size): _____

7. Permit Issued: _____

a. Type: _____

d. Detention: _____

b. Property Owner: _____

e. Deed Restriction: _____

c. Wetland Impact/Mitigation: _____

f. NPDES Permit: _____

8. Violations: _____

9. Amount of material removed from maintenance yard:

a. Oil: _____

d. Tires: 1 - Junk 3

b. Antifreeze: _____

e. Batteries: _____

c. Other Fluids: _____

10. Ice removal equipment maintenance and calibration:

a. Vehicle Description: _____ Date maintenance performed: _____

b. Vehicle Description: _____ Date maintenance performed: _____

11. Quantities used:

a. Salt: _____

d. Beet Juice: _____

b. Brine: _____

e. Sand: _____

c. Supermix: _____

f. Other: _____

12. Employee training: (employee name/ date/ location/subject matter)

a. _____

b. _____

13. Distribution of paper materials: (title of document/date/number distributed/method of distribution)

a. Newsletter 8,000 distributed by mail

b. _____

14. Workshops/watershed planning and stakeholder meetings: (date,/location/subject matter/who attended)

a. _____ c. _____

b. _____ d. _____

15. Illicit discharge complaints (phone/email/walk in/mail):

a. _____

b. _____

16. Spills reported: _____

17. Other: _____

MS4 Name: Grant Township Highway Month September Year 2017

1. Recycling Event (dates/ location/amount collected) Electronics Recycling Total- September 2017 - 64,836 lbs
2. Catch basins cleaned*: _____ Amount of material removed: _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: _____ Amount of material removed: _____
5. Street Sweeping (liner feet): _____ Amount of material removed: _____
6. MS4 projects >1 acre (name,/location/ size): _____
7. Permit Issued: _____
 - a. Type: _____
 - b. Property Owner: _____
 - c. Wetland Impact/Mitigation: _____
 - d. Detention: _____
 - e. Deed Restriction: _____
 - f. NPDES Permit: _____
8. Violations: _____
9. Amount of material removed from maintenance yard:
 - a. Oil: 6 Quarts
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: (4) Chippin
 - e. Batteries: _____
10. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
11. Quantities used:
 - a. Salt: _____
 - b. Brine: _____
 - c. Supermix: _____
 - d. Beet Juice: _____
 - e. Sand: _____
 - f. Other: _____
12. Employee training: (employee name/ date/ location/subject matter)
 - a. _____
 - b. _____
13. Distribution of paper materials: (title of document/date/number distributed/method of distribution)
 - a. _____
 - b. _____
14. Workshops/watershed planning and stakeholder meetings: (date/location/subject matter/who attended)
 - a. _____
 - b. _____
 - c. _____
 - d. _____
15. Illicit discharge complaints (phone/email/walk in/mail):
 - a. _____
 - b. _____
16. Spills reported: _____
17. Other: _____

MS4 Name: Grant Township Highway Month October Year 2017

1. Recycling Event (dates/ location/amount collected) Electronics Recycling Total October 2017 - 65, 020 lbs
2. Catch basins cleaned*: _____ Amount of material removed: _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: _____ Amount of material removed: _____
5. Street Sweeping (liner feet): _____ Amount of material removed: _____
6. MS4 projects >1 acre (name,/location/ size): _____
7. Permit Issued: _____
 - a. Type: _____
 - b. Property Owner: _____
 - c. Wetland Impact/Mitigation: _____
 - d. Detention: _____
 - e. Deed Restriction: _____
 - f. NPDES Permit: _____
8. Violations: _____
9. Amount of material removed from maintenance yard:
 - a. Oil: 195 qts
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: _____
 - e. Batteries: 2 #17
10. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
11. Quantities used:
 - a. Salt: _____
 - b. Brine: _____
 - c. Supermix: _____
 - d. Beet Juice: _____
 - e. Sand: _____
 - f. Other: _____
12. Employee training: (employee name/ date/ location/subject matter)
 - a. _____
 - b. _____
13. Distribution of paper materials: (title of document/date/number distributed/method of distribution)
 - a. _____
 - b. _____
14. Workshops/watershed planning and stakeholder meetings: (date/location/subject matter/who attended)
 - a. _____
 - b. _____
 - c. _____
 - d. _____
15. Illicit discharge complaints (phone/email/walk in/mail):
 - a. _____
 - b. _____
16. Spills reported: _____
17. Other: _____

*use ID # from outfall inventory

MS4 Name: Grant Township Highway Month November Year 2017

1. Recycling Event (dates/ location/amount collected) Electronics Recycling Total - November 2017 - 14,071 lbs
2. Catch basins cleaned*: _____ Amount of material removed: _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: _____ Amount of material removed: _____
5. Street Sweeping (liner feet): _____ Amount of material removed: _____
6. MS4 projects >1 acre (name,/location/ size): _____
7. Permit Issued: _____
 - a. Type: _____
 - b. Property Owner: _____
 - c. Wetland Impact/Mitigation: _____
 - d. Detention: _____
 - e. Deed Restriction: _____
 - f. NPDES Permit: _____
8. Violations: _____
9. Amount of material removed from maintenance yard:
 - a. Oil: 102 Qrts
 - b. Antifreeze: _____
 - c. Other Fluids: MDL 30 w/ Premium Solvent (Safety Kleen)
 - d. Tires: 470 (Swallow Event)
 - e. Batteries: 1 - L-50
10. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
11. Quantities used:
 - a. Salt: _____
 - b. Brine: _____
 - c. Supermix: _____
 - d. Beet Juice: _____
 - e. Sand: _____
 - f. Other: _____
12. Employee training: (employee name/ date/ location/subject matter)
 - a. _____
 - b. _____
13. Distribution of paper materials: (title of document/date/number distributed/method of distribution)
 - a. Newsletter 8,000 distributed by mail
 - b. _____
14. Workshops/watershed planning and stakeholder meetings: (date,/location/subject matter/who attended)
 - a. _____
 - b. _____
 - c. _____
 - d. _____
15. Illicit discharge complaints (phone/email/walk in/mail):
 - a. _____
 - b. _____
16. Spills reported: _____
17. Other: _____

Safety-Kleen Systems, Inc.

2600 N Central Expy, Suite 200
 Richardson, TX 75080
 CORPORATE: 800-669-5740
 24 HR EMERGENCY: 800-468-1760 (Safety-Kleen)
 8474686600

REFERENCE NBR.

75050831-1705227597

SRVC WEEK: 2017-45

SRVC DATE: 11/06/17

CUSTOMER# GR21490 Grant Township
 26535 W Molitor Rd
 Ingleside IL 60041-8911
 PHONE 847-546-7623

BILL TO CUSTOMER# GR21490
 BILL TO ADDRESS:
 Grant Township
 26535 W Molitor Rd
 Ingleside IL 60041-8911
 PHONE 847-546-7623

PURCHASE ORDER# 11062017

TAX EXEMPT#

PRODUCT/SERVICES

SERVICE/ PRODUCT	QTY	UNIT PRICE	TAX	TOTAL CHARGE
30150 MDL 30 WITH PRM SOLVENT	1.000	261.7600	0.00	261.76
S/N 7060330 TAG 00001140AS07060330	CLEAN	15.00	SPENT	15.000
SERVICE TERM 12 WEEK	SCANNED	YES		
TOTAL SERVICE/PRODUCTS		261.7600	0.00	261.76
		TOTAL CHARGE		261.76
		CREDITS		0.00
		TOTAL DUE		261.76

UNPAID BALANCE THIS RECEIPT

261.76

Machine clean and good condition? Yes
 Lamp Assembly Condition Yes
 Decals in place and legible? Yes
 Fusible link installed? Yes
 Emergency closing of lid unobstructed? Yes
 Machine properly grounded? Yes
 Local Phone No. Sticker Affixed to Machine Yes
 Spent solvent meets acceptance criteria? Yes

GENERATOR STATUS
 0-220 lbs/month

Customer certifies that (i) the above-named materials are properly classified, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation (ii) no material change has occurred either in the characteristics of the waste/material or in the process generating the waste/material, and (iii) the above referenced Generator Status is correct. Customer agrees to pay the above charges and to be bound by the terms and conditions (1) set forth in (a) the General Terms and Conditions provided separately to Customer or (b) any SK agreement signed by Customer and SK, and (2) incorporated herein by reference. Unless otherwise indicated in the payment received section, SK is authorized to charge Customer's account for this transaction. If Customer fails to make payment when due, an amount equal to the lesser of (i) 1.5% per month (18% per annum) or (ii) the maximum amount allowed by law, will be added to all unpaid amounts outstanding. Customer certifies that the individual signing this Service Acknowledgement is duly authorized to sign and bind Customer. Customer acknowledges that it is responsible for maintaining its Generator Status and obtaining an EPA ID number if required by applicable law. The following provision is applicable to Safety-Kleen's parts cleaner and paint gun cleaner services: Customer agrees that it will not introduce any substance into the solvent or aqueous cleaning solution, including without limitation any hazardous waste or hazardous waste constituent, except to the extent such introduction is incidental to the normal use of the machine. Customer further agrees that it will not clean parts/paint guns that have been contaminated with or otherwise introduce polychlorinated biphenyls (PCBs), herbicides, pesticides, dioxins or listed hazardous waste into the solvent or aqueous cleaning solution. Safety-Kleen has the capacity and is permitted to accept, store, and/or reclaim the spent parts washer solvent; paint thinners, solvents and paints generated by customer; or dry cleaning filter cartridges, powder, and still residues containing perchloroethylene, petroleum naphtha, or trichloroethylene dry cleaning solvents. Customer agrees that it is responsible for properly classifying its waste streams as Used Oil or Nonhazardous Waste in accordance with the provision of 40 CFR 262.11 and applicable state laws. Customer agrees that it will not introduce any non-conforming substance into the SK Property, including, without limitation, any hazardous waste or hazardous waste constituent, (i.e., polychlorinated biphenyls ("PCBs"), herbicides, pesticides, dioxins, or listed hazardous wastes) except to the extent such introduction is incidental to the normal use of the SK Property. In the event of the introduction of such non-conforming hazardous waste, Customer agrees that it will be responsible for all costs and remediation expenses related to or arising from the proper management and disposal of the non-conforming waste, including the cost of equipment decontamination and subsequent disposal. Final invoicing will be based on the actual services provided, which may include additional charges for off specification waste and surcharges. Final invoice amount may be more than the amount listed on the printed receipt. If any legal action is commenced because of an alleged dispute, breach, default or misrepresentation, the Customer also agrees that the prevailing party will be entitled to recover reasonable attorney's fees and costs associated with the

MS4 Name: Grant Township Highway Month December Year 2017

1. Recycling Event (dates/ location/amount collected) Electronics Recycling Total-December 2017 - 59,217lbs
2. Catch basins cleaned*: _____ Amount of material removed: _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: 12-1-17 Amount of material removed: 060
5. Street Sweeping (liner feet): _____ Amount of material removed: _____
6. MS4 projects >1 acre (name,/location/ size): _____
7. Permit Issued: _____
 - a. Type: _____
 - b. Property Owner: _____
 - c. Wetland Impact/Mitigation: _____
 - d. Detention: _____
 - e. Deed Restriction: _____
 - f. NPDES Permit: _____
8. Violations: _____
9. Amount of material removed from maintenance yard:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: _____
 - e. Batteries: _____
10. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
11. Quantities used:
 - a. Salt: 150 yards
 - b. Brine: _____
 - c. Supermix: _____
 - d. Beet Juice: _____
 - e. Sand: _____
 - f. Other: Sand + Salt - 25yd
12. Employee training: (employee name/ date/ location/subject matter)
 - a. _____
 - b. _____
13. Distribution of paper materials: (title of document/date/number distributed/method of distribution)
 - a. _____
 - b. _____
14. Workshops/watershed planning and stakeholder meetings: (date,/location/subject matter/who attended)
 - a. _____
 - b. _____
 - c. _____
 - d. _____
15. Illicit discharge complaints (phone/email/walk in/mail):
 - a. _____
 - b. _____
16. Spills reported: _____
17. Other: _____

Safety-Kleen Systems, Inc.

2600 N Central Expy, Suite 200
 Richardson, TX 75080
 CORPORATE: 800-669-5740
 24 HR EMERGENCY: 800-468-1760 (Safety-Kleen)
 8474686600

REFERENCE NBR.

75470498

SRVC WEEK: 2017-48

SRVC DATE: 12/01/17

CUSTOMER# GR21490 Grant Township
 26535 W Molitor Rd
 Ingleside IL 60041-8911
 PHONE 847-546-7623

BILL TO CUSTOMER# GR21490
 BILL TO ADDRESS:
 Grant Township
 26535 W Molitor Rd
 Ingleside IL 60041-8911
 PHONE 847-546-7623

PURCHASE ORDER# shop

TAX EXEMPT#

PRODUCT/SERVICES

SERVICE/ PRODUCT	QTY	UNIT PRICE	TAX	CHARGE	TOTAL
10967 VAC SERVICE FEE AUTOMOTIV SERVICE TERM 52 WEEK	1.000	87.0000	0.00		87.00
66667 VACUUM LIQUID (NON-PQUAL) SERVICE TERM 52 WEEK	48.000	0.0000	0.00		0.00
HALOGEN / CLOR-D-TECT TEST RESULT PASS: PPM < 1000 VAC PH TEST: 7					
# CONTS: 1 TSDF: ELG MANIFEST#: 006110519SKS FORM CD: US SHIP# 224100399 CNT#: 171201169699 QTY: 60 WT/VOL G PROF# 150451 SKDOT 7008471					
66677 VACUUM SOLID (NON-PQUAL) SERVICE TERM 52 WEEK	12.000	0.0000	0.00		0.00
HALOGEN / CLOR-D-TECT TEST RESULT PASS: PPM < 1000 VAC PH TEST: 7					
10972 FEE, VAC 20% SOLIDS	60.000	136.0000	0.00		136.00
TOTAL SERVICE/PRODUCTS		223.0000	0.00		223.00

TOTAL CHARGE 223.00
 CREDITS 0.00
 TOTAL DUE 223.00

UNPAID BALANCE THIS RECEIPT

223.00

Per BOG M420-001 the halogen detecting instrument has been zeroed and validated.

GENERATOR STATUS
 CESQG: Vehicle

Customer certifies that (i) the above-named materials are properly classified, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation (ii) no material change has occurred either in the characteristics of the waste/material or in the process generating the waste/material, and (iii) the above referenced Generator Status is correct. Customer agrees to pay the above charges and to be bound by the terms and conditions (1) set forth in (a) the General Terms and Conditions provided separately to Customer or (b) any SK agreement signed by Customer and SK, and (2) incorporated herein by reference. Unless otherwise indicated in the payment received section, SK is authorized to charge Customer's account for this transaction. If Customer fails to make payment when due, an amount equal to the lesser of (i) 1.5% per month (18% per annum) or (ii) the maximum amount allowed by law, will be added to all unpaid amounts outstanding. Customer certifies that the individual signing this Service Acknowledgement is duly authorized to sign and bind Customer. Customer acknowledges that it is responsible for maintaining its Generator Status and obtaining an EPA ID number if required by applicable law. The following provision is applicable to Safety-Kleen's parts cleaner and paint gun cleaner services: Customer

MS4 Report

*301516
K*

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0978995127	2. Page 1 of 1	3. Emergency Response Phone 1-800-468-1760	4. Manifest Tracking Number 006110519 SKS			
5. Generator's Name and Mailing Address Grant Township 25545 W Moulder Rd INGLESIDE IL 60041-8911 Generator's Phone: 847-546-7623				Generator's Site Address (if different than mailing address)				
6. Transporter 1 Company Name SAFETY-KLEEN SYSTEMS INC				U.S. EPA ID Number TXR000001203				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address SAFETY-KLEEN SYSTEMS INC 1500 E VILLA ST ELGIN IL 60120 Facility's Phone: 847-400-6600				U.S. EPA ID Number IL0000003911				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
1.	OILY WATER (NOT USED OR USED AS REGULATED) (VAC)	01	TT	060	G	NONE		
2.								
3.								
4.								
14. Special Handling Instructions and Additional Information TSD:ELG 752-5000 GR21490 201745 C56141 24 HR EMERGENCY #1-800-468-1760 (SK / TFI) AUTH AS "AGENT-SPR" BY GEN TO RETAIN LICENSED SUB CARRIERS AS NECESSARY								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name				Signature		Month Day Year 12 1 17		
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name LRC KORSGRU				Signature		Month Day Year 12 1 17		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Manifest Reference Number: _____								
18b. Alternate Facility (or Generator)				U.S. EPA ID Number				
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. H141		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name				Signature		Month Day Year		



Grant Township

www.granttownshipcenter.org

Share the Spirit of the Holiday Season

Sure the stores are crowded. The "must have" gifts are sold out and it's rush-rush from one event to another. But if there were some way to share the goodwill that flows so freely through Grant Township, we would all want to keep the Holiday spirit in our hearts all year long. This is the magical time of the year when so many people recharge their spirit to capture the glow of the holidays.

Unfortunately we have people who are encountering difficult times: loss of a loved one, job loss, health problems, and many other reasons. We continue to provide assistance with our Christmas Basket and the Adopt-A-Family programs with food and gifts for the children. This heartwarming effort helps bring the holiday spirit into their lives.

The Grant Township community has always been there to fulfill this need through the generous

contributions of non-perishable food and monetary donations. Many local businesses, clubs, churches, scouts, fire and police departments, post offices, schools and the many volunteers who give of their time and are the backbone of these programs. We thank you for your past, present and hopefully, future participation.

Donations can be dropped off at Grant Township, Plumbers Union Local 130 on Route 12 in Volo and local organizations throughout the community.

For the month of November bring in 10 non-perishable food items to Ray Chevrolet and Ray Chrysler Jeep Ram and receive two free movie tickets for the Fox Lake Theater.

Let's all pray for peace around the world as we wish for a safe and Happy Thanksgiving, a wonderful Holiday Season and a Happy New Year. On behalf of the Grant Township Officials, Staff and the families you will be helping Thank you for caring.

*Kay Starostovic
Supervisor*

Adopt-A-Family Program

By being a **Sponsor** for the Adopt-a-Family program you have an opportunity to help a family provide a gift wish list that will brighten the lives of their children. This program is strictly confidential and also makes you feel great for being a part of it. **To be a sponsor**, please contact Kathy Ferrigan at (847) 587-2805.

Applications for **receiving** gifts for this program will be available in November at the Grant Township Administration office. Contact Nancy Rogers at (847) 740-2233 for further information.

Vehicle Stickers

Residents of unincorporated Grant Township can pick-up their new vehicle stickers at the Supervisor's Office beginning November 1st. The stickers are valid from January 1, 2018 through December 31, 2021 and are free of charge.

Residents of the Villages of Fox Lake and Lakemoor are required to get their vehicle stickers from their respective Village.

Fun Day at Fall Festival

On October 1st Grant Township and the Village of Fox Lake Parks and Recreation Department hosted a Fall Festival at Grant Township Center. The day began with a hardy Pancake Breakfast sponsored by the Fox Lake Volunteer Fire Department. Thanks to Grant Township Highway Department, Fox Lake Street Department, Fox Lake Fire Protection District, Fox Lake Volunteer Fire Department, Lakemoor Explorers Post, the Grant High School National Honor Society and Fox Lake Fire Department Explorers for their participation in making this event such a huge success. It was a fun day as everyone enjoyed the Grant Highway Department Touch a Truck, Fire Department equipment, petting zoo, pony rides, hay rides, vendors, inflatables, entertainment, pumpkin carving and pie eating contests. See photos of the fun on page 2.



From the Supervisor

Fall Festival - A Hit with Families



Just for Seniors

2017 Senior Programs Age 55 & Older

Reservations are required for all programs and registration forms for trips will be available at: Village of Fox Lake, 66 Thillen Drive, Fox Lake 60020 (224) 225-1402, www.foxlake.org and Grant Township Center, 26725 W. Molidor Road, Ingleside 60041 (847) 740-2233, www.granttownshipcenter.org

- November 30: Annual Florence Fischer Turkey Dinner at Maravela's Noon-3:00 pm \$15.00 per ticket
Contact Nick at (224) 225-1402 for reservations.
- December 21: Senior Lunch at Lakefront Park - 11:30 am
\$9.00 - Pay at door - A Holiday Celebration!
- January 11: Potawatomi Casino. Bus departs Grant Township at 9:00 am and leaves Casino at 3:00 pm. Cost \$27 includes \$10.00 Food & Beverage Credit & \$10.00 Bonus Play. Reserve & pay by January 2.
- January 18: Luncheon at Lakefront Park - 11:30 am
\$9.00 - Entertainment.
- February 15: Luncheon at Lakefront Park - 11:30 am
\$9.00 - Entertainment.

These programs may be subject to change. Any questions please contact Grant Township or the Village of Fox Lake.

Little Library Take a Book - Leave a Book



Grant Township proudly announces Free Library Program, Take A Book - Leave a Book. Provided by Gavin School District 37 & The Lullabye Foundation.

Library Boxes painted by Tigers Life Skill Class, 5th-8th Grade.

Library boxes located at Grant Township Field of Dreams playground on Molidor Road & Everbreeze Park on Ward Lane.

Stanton Schools & Scarecrows



Thanks again to Stanton School students for their work on scarecrows for the Fall Festival.

Community Events

November 11

Veteran's Day Celebration
Fox Lake Train Station, 11:00 am.

November 25

Illuminated Holiday Parade & Tree Lighting, Village of Fox Lake and Korpan's Landing, 5:00 pm parade kickoff. Tree Lighting to follow at Millenium Park. Caroling and hot chocolate at 6:30 pm, Santa House open from 6:00-7:30 pm.

December 2

Holiday Festival, Round Lake Area Park District, Community Center, 2:00-5:00 pm. Santa, Little Elves Workshop and Sleigh Rides.

December 8

Tree Lighting Ceremony
Village of Round Lake, 5:00 pm
Village Hall, 422 N Cedar Lake Rd.
Hot cocoa & cookies will be served.

December

Santa's Cottage, Millennium Park
For Santa's Visiting Hours call (224) 225-1404 or visit the www.foxlake.org.

December 9

Santa's Pasta Dinner, Lakefront Park from 4:00 - 8:00 pm.
Santa's Workshop, photos with Santa & Mrs. Claus, dinner, entertainment and raffles. Super Raffle at 8:00 pm.

Check with specific village for more information.

Mobile Passport Team

Saturday, January 27

9:00 am - 2:00 pm

Grant Township

Apply for a passport, renew or get your picture taken. No appointment necessary.

Allow 30 minutes for processing. For a user-friendly checklist and prices, go to www.lakecountycircuitclerk.org.

From the Highway Department

Snow Removal Guidelines

Despite the nice weather, winter snow is right around the corner. After a snowfall, all streets cannot be cleared at the same time. Grant Township Highway Department does its best to keep roads safe during the winter.

Grant Township's snow plowing priorities include all principal Township-maintained roads. Your cooperation during the winter snowfall season will make it possible for the Grant Township Highway Department to clear the entire roadway and make it safe for you and your neighbors. Major roads & intersections are cleared first, then primary collector streets, then feeder streets and finally cul-de-sacs & dead ends.

A few other winter tips include:

- * Pile snow along the right side of your driveway (when facing the road) so the plows won't push it back on your driveway.
- * County ordinance prohibits pushing or blowing snow from your property onto the roadway.
- * Be a good neighbor and clear your sidewalk and shovel around the closest fire hydrant.
- * Please do not park on any Township-maintained roads for 24 hours after an inch of snowfall. This will give the Highway Department the time to clear the snow without dealing with parked cars.
- * No parking signs are posted at the entrance subdivisions and are enforced by the Lake County Sheriff's Department. Vehicles parked along the road will be ticketed or towed.
- * Basketball backboards and other obstructions should be removed from the road before the snow falls.
- * Check your mailbox before the snow falls to see if it is securely fastened to the post.
- * On garbage/recycling pick up days, please keep the containers on your driveway in case snow plows need to clear the street.

Important Phone Numbers

Cable - Comcast - 866-594-1234
Electric - Com Ed - 800-334-7661
Gas - Nicor - 888-642-6748
Garbage - Waste Management - 800-796-9696
Lakes Disposal - 847-366-8582
Grant Township Highway - 847-546-7623
J.U.L.I.E. before you dig - 811
Recycling - Swalco - 847-336-9340
Sanitary - Lakes Region - 847-973-8940
Public Works - Lake County - 847-377-7500
Planning/Building - Lake County - 847-377-2600
Lake County Sheriff - Non Emergency-847-549-5200

Street Lights

If you see a street light in need of changing in **unincorporated** Grant Township, please call the Highway Department at (847) 546-7623 and leave the address of where the light is burned out.

Change batteries with time change



The clocks turned back on November 5 as Daylight Savings Time ended. This time of year the lighting has changed and when driving, you need to adjust to the different morning or afternoon glare from the sun. Be prepared with sunglasses and watch for pedestrians or children and school buses. Be sure to change your carbon monoxide detector and smoke detector batteries.

Preparing for winter

Before winter storms and extreme cold weather arrive here are some tips to help you through the winter:

- Check your wipers, tires, lights and fluid levels regularly during the winter.
- Prepare a winter storm survival kit and carry it in your car.
- Use rock salt or an environmentally safe product to melt ice on walkways and driveways.
- Keep snow shovels and other snow removal equipment in your car.
- Have adequate clothing and blankets to keep you warm during winter storms and extreme cold weather.

From the Highway Department

Bring Electronics Recycling to Grant Township Highway Department

Lake County residents can bring electronics to be recycled to Grant Township Highway Department. Please follow signage to the dropoff location at the Grant Township Highway Department.

This is an unmanned program, so if you need help to remove the items from your vehicle, please drop off Monday - Friday, from 7:00 am to 3:00 pm. You may drop-off on your own any other time.

Please review the list of acceptable items as it has changed in the last few years. Go to www.swalco.org.

Colorful Picnic Tables & Minions

Below are pictures of recycled picnic tables that were donated to Grant Township Highway Department from Prairie Pointe Homeowners Association. These tables will be placed at our beautiful playground for families to enjoy a picnic while playing. Thank you Prairie Pointe Homeowners Association they will be used for many years to come.

The Minions featured in the pictures below are made from recycled tires. These were featured at our Fall Fest and are now on display at the playground and highway department. They are a big hit with both the children and adults.



Burn Leaves With Care

Although the wind has blown most of the leaves from the trees, this is the time to burn them safely. To minimize the impact on your neighbors and the environment, here are some tips to follow when burning leaves. **Please do not burn leaves on road surfaces. Burning on the roads causes damage to the surface and can be dangerous for drivers.**

Here are some tips:

- ✓ Do not burn on windy days
- ✓ Do not burn wet leaves
- ✓ Don't burn on road surfaces
- ✓ Don't burn in ditches, drainage ways
- ✓ Do not burn construction materials
- ✓ The best time to burn is morning or mid-afternoon
- ✓ Always manage and control the fire
- ✓ Keep a hose or bucket of water handy

Kim Kiesgen
Highway Commissioner



From the Assessor... we're here to help

Why 1.094 Assessment Increase in 2017?

After turning our 2017 assessments in to the county on July 11th with nearly 9,000 changes made through township equalization, the Chief County Assessment Officer (CCAO) went back and forth with me over the equalization and after 4 weeks of debate reversed the changes we made for the second year.

Per state statutes, the CCAO is allowed to equalize after the townships do but there should be a reason for reversing and wiping out all of our work. I'm still waiting for a valid reason, especially because he did allow changes to be made by all other

townships except Grant and Libertyville. Nearly 5,000 changes were allowed in Waukegan township alone.

While I agree that our township should have gone up 1.0934 over all, it does not mean that every neighborhood and property type should have received this increase. We had neighborhoods whose sales did not support this increase and we still have neighborhoods that should go up over 30% but will now receive a huge increase in 2019 (which is the next quadrennial). The bottom line is some properties will be taxed more than they should, and some will pay less.

IT IS NOT FAIR AND OUR COUNTY'S ASSESSMENT UNIFORMITY IS NOT EQUITABLE DUE TO THE ACROSS THE BOARD FACTORS BEING APPLIED BY THE CCAO.

The Lake County assessors are continuing the fight to equalize our townships as all other counties currently do. We are much more familiar with the neighborhoods in our townships than those who are assigning values from Waukegan. We want to do our jobs!

*Jeri J. Barr, CIAO
Assessor*

New Legislation to Increase Senior Freeze Income

This year, new legislation was passed that increases the income to qualify for the senior freeze exemption from \$55,000 to \$65,000 for your primary residence. This new law will begin for taxable year 2018 (payable in 2019) and will allow many more seniors to "freeze" the assessed value of their property. Unfortunately, this exemption does not freeze the taxes on a property. If tax rates go up, senior freeze recipients will still see a tax increase but if values go up, they will continue to pay taxes based on the "frozen" assessed value. If values go down, the assessed value will re-set to the new lower value.

In other words, if you qualify for the senior freeze each year, your

property value can go lower but cannot be raised. This should help many seniors in the township.

Talk to your legislators about increasing the general homestead exemption next. Currently, this exemption reduces your assessed value by \$6,000 on your primary residence. However, in counties over 3,000,000 inhabitants, \$10,000 will be deducted from their assessed values – up from \$7,000. Lake County is not eligible due to the number of residents for the higher exemption but our taxes are much higher than Cook County so I believe we should get some additional relief as well.

Community Vegetable Gardens

A very special thank you to all those who donated fresh vegetables for our Food Pantry throughout the summer.

- ✓ Ron Cooper
- ✓ Grant H.S. National Honor Society
- ✓ Stanton School
- ✓ Worldwide Farms
- ✓ And those who did not leave their name

Honor our Veterans



Thank you to all soldiers who have protected this great Nation of ours.

- Past • Present • Future

So, if you see a soldier give them a handshake and hug because freedom is not free and they sacrifice everything for you and me.

Thanks to Sponsors and participants to the 20th Annual Grant Township 5K Walk/Run



John Schmidt
1st place runner



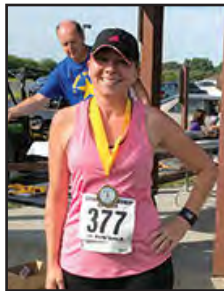
Kurt Hacke
2nd place runner



Oldest Arlene Talbot to youngest Natalee Whitson



Carrie Halstrom
1st place runner



Caitlin Layton,
2nd place runner



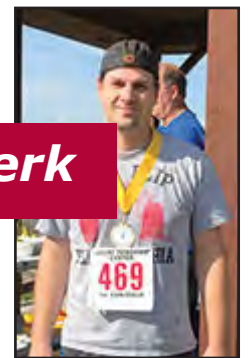
Rosa Macias,
1st place walker



Christine Layton,
2nd place walker



Phil Madur,
1st place walker



Michael Schall,
2nd place walker

From the Clerk

A Big Thanks to Our Sponsors

121 Elevator, Inc.

3R's Pier Builders

American Family Insurance
Gordon D. Kiesgen Agency, Inc.

Dam, Snell & Taveirne, Ltd.

Dipstick Oil Change

Elite Growers

Epic Fitness

Fanella's Pizza & Pub

Fox Lake Fire District Memorial Fund

Fox Lake Lions Club

Fox Lake/Round Lake Area
Rotary Club

Gewalt Hamilton Associates, Inc.

Grant Jr. Bulldogs

Grant Township Officials

Grant Township Area Athletic Association

Hamsher Lakeside Funerals & Cremations

Infinity Dental Fox Lake

Ingleside Auto & Tire

Insurancenter Stolarick & Company, Inc.

Kiddie Kottage Child Care

Lakes Disposal Services

Lakes Realty Group

McGill Materials

Northern Air Systems, Inc.

Obenauf Auction Service

Rainbow Collision Center, Inc.

Rich & Carol Ulasz

Ron & Kay Starostovic

Superior Paving

The Beaubien Family

Tom & Patti Lippert

Village of Fox Lake

Village of Lakemoor

Wold Printing Services, Ltd.

Grant Township Center

26725 W. Molidor Road
Ingleside, IL 60041
(847) 740-2233
fax: (847) 740-2255
granttownship@sbcglobal.net
www.granttownshipcenter.org

Supervisor

Catherine "Kay" Starostovic

Clerk

Barbara Schau

Highway Commissioner

Kim Kiesgen
(847) 546-7623

Assessor

Jeri J. Barr, CIAO
(847) 546-8880

Trustees

Robert Hamm	Robert Selle
Carol J. Ulasz	Tom Lippert

NON-PROFIT

U.S. Postage

PAID

Fox Lake, IL 60020

Permit No. 26

Primary Election March 20

Next year is an election year. The Primary Election will be held March 20, 2018. The Primary Election is where voters nominate Federal, State, and County candidates by an established political party. The General Election is the actual election of candidates and this will be held November 6, 2018.

Voting is your right, and a privilege. In order to vote, you must be registered. Voter registration is available all year, throughout the county and specifically in your township. Registration is closed 27 days prior to the election.

You may register Online, By Mail, Or In Person. If you are currently registered to vote, but you have changed your address or name,

you need to make those changes prior to voting. For more information, go to www.lakecountyil.gov

Have you considered being an Election Judge? Judges are needed throughout Lake County. You can learn more at ElectionJudge@lakecountyil.gov.

The Shred Event

Thank you for the terrific turnout at our October Shred Event! We provide this service to the community because we know how important it is to protect private and confidential information. Please look for our next shred event: May 6, 2018 from 9am to noon. We will again be in the lower level parking area at the Grant Township Administration building.

E-Newsletter

If you haven't signed up to receive our E-newsletter, please call Grant Township at (847) 740-2233 to be added to our growing list. It is the quickest way to keep in touch with all that Grant Township has to offer to residents.

Grant Township takes great pride in providing services to our residents and we are very grateful for the support we receive from our community. Thank you!

*Barbara L. Schau
Clerk*

MS4 Name: Grant Township Highway Month January Year 2018

1. Recycling Event (dates/ location/amount collected) Electronics Recycling Total- January 2018- 61,487
2. Catch basins cleaned*: _____ Amount of material removed: _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: _____ Amount of material removed: _____
5. Street Sweeping (liner feet): _____ Amount of material removed: _____
6. MS4 projects >1 acre (name,/location/ size): _____
7. Permit Issued: _____
 - a. Type: _____
 - b. Property Owner: _____
 - c. Wetland Impact/Mitigation: _____
 - d. Detention: _____
 - e. Deed Restriction: _____
 - f. NPDES Permit: _____
8. Violations: _____
9. Amount of material removed from maintenance yard:
 - a. Oil: 26 grt
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: _____
 - e. Batteries: (1) #16
10. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
11. Quantities used:
 - a. Salt: 72 yds
 - b. Brine: _____
 - c. Supermix: _____
 - d. Beet Juice: _____
 - e. Sand: + Salt - 66 yds
 - f. Other: _____
12. Employee training: (employee name/ date/ location/subject matter)
 - a. _____
 - b. _____
13. Distribution of paper materials: (title of document/date/number distributed/method of distribution)
 - a. _____
 - b. _____
14. Workshops/watershed planning and stakeholder meetings: (date,/location/subject matter/who attended)
 - a. _____
 - b. _____
 - c. _____
 - d. _____
15. Illicit discharge complaints (phone/email/walk in/mail):
 - a. _____
 - b. _____
16. Spills reported: _____
17. Other: _____

MS4 Name: Grant Township Highway Month February Year 2018

1. Recycling Event (dates/ location/amount collected) Electronics Recycling Total - February 2018 - 35,452
2. Catch basins cleaned*: _____ Amount of material removed: _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: _____ Amount of material removed: _____
5. Street Sweeping (liner feet): _____ Amount of material removed: _____
6. MS4 projects >1 acre (name,/location/ size): _____
7. Permit Issued: _____
 - a. Type: _____
 - b. Property Owner: _____
 - c. Wetland Impact/Mitigation: _____
 - d. Detention: _____
 - e. Deed Restriction: _____
 - f. NPDES Permit: _____
8. Violations: _____
9. Amount of material removed from maintenance yard:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: MDL 30 w/ Premium Solvent
(SAFETY KLEEN)
 - d. Tires: _____
 - e. Batteries: _____
10. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
11. Quantities used:
 - a. Salt: 91 yds
 - b. Brine: _____
 - c. Supermix: _____
 - d. Beet Juice: _____
 - e. Sand: _____
 - f. Other: _____
12. Employee training: (employee name/ date/ location/subject matter)
 - a. _____
 - b. _____
13. Distribution of paper materials: (title of document/date/number distributed/method of distribution)
 - a. Newsletter 8,000 distributed by mail
 - b. _____
14. Workshops/watershed planning and stakeholder meetings: (date,/location/subject matter/who attended)
 - a. _____
 - b. _____
 - c. _____
 - d. _____
15. Illicit discharge complaints (phone/email/walk in/mail):
 - a. _____
 - b. _____
16. Spills reported: _____
17. Other: _____

*use ID # from outfall inventory

Safety-Kleen Systems, Inc.

2600 N Central Expy, Suite 200
 Richardson, TX 75080
 CORPORATE: 800-669-5740
 24 HR EMERGENCY: 800-468-1760 (Safety-Kleen)
 8474686600

REFERENCE NBR.

75777726-1800074875

SRVC WEEK: 2018-5

SRVC DATE: 02/01/18

CUSTOMER# GR21490 Grant Township
 26535 W Molitor Rd
 Ingleside IL 60041-8911
 PHONE 847-546-7623

BILL TO CUSTOMER# GR21490
 BILL TO ADDRESS:
 Grant Township
 26535 W Molitor Rd
 Ingleside IL 60041-8911
 PHONE 847-546-7623

PURCHASE ORDER# dan

TAX EXEMPT#

PRODUCT/SERVICES

SERVICE/ PRODUCT	QTY	UNIT PRICE	TAX	CHARGE	TOTAL
30150 MDL 30 WITH PRM SOLVENT	1.000	261.7600	0.00		261.76
S/N 7060330 TAG 00001140AS07060330	CLEAN	15.00	SPENT	10.000	
SERVICE TERM 12 WEEK	SCANNED	YES			
TOTAL SERVICE/PRODUCTS					261.7600 0.00 261.76
TOTAL CHARGE					261.76
CREDITS					0.00
TOTAL DUE					261.76

UNPAID BALANCE THIS RECEIPT

261.76

Machine clean and good condition? Yes
 Lamp Assembly Condition Yes
 Decals in place and legible? Yes
 Fusible link installed? Yes
 Emergency closing of lid unobstructed? Yes
 Machine properly grounded? Yes
 Local Phone No. Sticker Affixed to Machine Yes
 Spent solvent meets acceptance criteria? Yes

GENERATOR STATUS
0-220 lbs/month

Customer certifies that (i) the above-named materials are properly classified, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation (ii) no material change has occurred either in the characteristics of the waste/material or in the process generating the waste/material, and (iii) the above referenced Generator Status is correct. Customer agrees to pay the above charges and to be bound by the terms and conditions (1) set forth in (a) the General Terms and Conditions provided separately to Customer or (b) any SK agreement signed by Customer and SK, and (2) incorporated herein by reference. Unless otherwise indicated in the payment received section, SK is authorized to charge Customer's account for this transaction. If Customer fails to make payment when due, an amount equal to the lesser of (i) 1.5% per month (18% per annum) or (ii) the maximum amount allowed by law, will be added to all unpaid amounts outstanding. Customer certifies that the individual signing this Service Acknowledgement is duly authorized to sign and bind Customer. Customer acknowledges that it is responsible for maintaining its Generator Status and obtaining an EPA ID number if required by applicable law. The following provision is applicable to Safety-Kleen's parts cleaner and paint gun cleaner services: Customer agrees that it will not introduce any substance into the solvent or aqueous cleaning solution, including without limitation any hazardous waste or hazardous waste constituent, except to the extent such introduction is incidental to the normal use of the machine. Customer further agrees that it will not clean parts/paint guns that have been contaminated with or otherwise introduce polychlorinated biphenyls (PCB's), herbicides, pesticides, dioxins or listed hazardous waste into the solvent or aqueous cleaning solution. Safety-Kleen has the capacity and is permitted to accept, store, and/or reclaim the spent parts washer solvent; paint thinners, solvents and paints generated by customer; or dry cleaning filter cartridges, powder, and still residues containing perchloroethylene, petroleum naphtha, or trifluorotrichloroethane dry cleaning solvents. Customer agrees that it is responsible for properly classifying its waste streams as Used Oil or Nonhazardous Waste in accordance with the provision of 40 CFR 262.11 and applicable state laws. Customer agrees that it will not introduce any non-conforming substance into the SK Property, including, without limitation, any hazardous waste or hazardous waste constituent, (i.e., polychlorinated biphenyls ("PCBs"), herbicides, pesticides, dioxins, or listed hazardous wastes) except to the extent such introduction is incidental to the normal use of the SK Property. In the event of the introduction of such non-conforming hazardous waste, Customer agrees that it will be responsible for all costs and remediation expenses related to or arising from the proper management and disposal of the non-conforming waste, including the cost of equipment decontamination and subsequent disposal. Final invoicing will be based on the actual services provided, which may include additional charges for off specification waste and surcharges. Final invoice amount may be more than the amount listed on the printed receipt. If any legal action is commenced because of an alleged dispute, breach, default or misrepresentation, the Customer also agrees that the prevailing party will be entitled to recover its reasonable fees and costs associated with the



Grant Township

www.granttownshipcenter.org

Letter Carriers Food Drive

The 25th Annual Letter Carrier Stamp Out Hunger Food Drive will be held on Saturday, May 12. Please help the National Association of Letter Carriers set a new Guinness World Record for a one-day collection as well as helping your local pantry. Remember the people who need help are working families, the elderly and children. They are single parents, grandparents raising grandchildren and families with someone serving in the military.

11th Annual Fish Fry, March 9



Food Served 5:00 to 8:00 pm
Chicken Fingers will be available

Silent Auction

Adult Donation \$10.00
Children 6 to 12 \$5.00
Children 5 and under Free

American Legion Hall, 703 N Rt. 12,
Fox Lake

For information call (847) 740-2233

Proceeds benefit "Field of Dreams"

Many Transportation Options Offered

There are a wide range of transportation options available for Grant Township residents. They include Grant Township Bus, Tri Township Transit and Ride Lake County West.

Grant Township Bus

20 mile radius of Grant Township
Monday, Wednesday, Friday
Hours: 9:00 am - 3:00 pm
North - Wisconsin State Line
South - Route 22
East - Lake Michigan
West - Route 14

\$2.00 one way within 10 miles,
\$4.00 one way beyond 10 miles
24 hour notice required.

Call during Township hours
Monday-Friday, 8:00 am-4:00 pm
(847) 546-RIDE (7433)

Tri Township Transit

Transportation in Antioch, Grant
and Lake Villa Townships.
Tuesday - Antioch Walmart
Alternating Thursdays - Antioch
Aldi & Round Lake Beach Goodwill

To schedule a ride call Lake Villa
Township on Monday or
Wednesday before noon and
they will call you back with pick
up time (between 9:00-9:30 am).

Dial (847) 265-RIDE (7433)
or (847) 356-2116.
\$2.00 round trip/

Ride Lake County West

This program serves residents
in Antioch, Grant, Lake Villa,
Avon, Wauconda and Fremont
Townships. Services extend to
the Gurnee Mills area, Advocate
Condell Medical Center in



Libertyville and to downtown
Mundelein. The service may be
used for medical appointments,
shopping, CLC courses and
access to employment. This
service provides curbside pick
up from your home.

Please call 1 (800) 201-6446 for
reservations. They are first come,
first serve. Reservations may be
made several days in advance.

From the Supervisor

A Wish for a Happy New Year 2018

We could not accomplish our holiday goals without the support of our community. The compassion shown during the holidays and all year long for people who have fallen on hard times makes Grant Township a great place to live.

The success of our Christmas Food Baskets and the Adopt-A-Family programs is made possible by our community. We are grateful for the food, gifts,

monetary donations and the many volunteers who give of their time now and throughout the year.

We have high hopes for the coming year and look forward to the future.

Again on behalf of the Grant Township Officials, staff volunteers and the families we helped, **Thank You** for caring and supporting our Township.

your lives be blessed with the treasured gifts of peace, hope, health and love of family and friends. Pray for our Armed Forces and for peace around the world.

We hope you will join us for our Annual Fish Fry on March 9.

Kay Starostovic
Grant Township Supervisor



Holiday Food Baskets

Our door is always open and we would like to hear your comments and concerns, so please stop by and visit anytime.

Our warmest thoughts are with you all through the New Year and may



Adopt-A-Family gifts



Above: Grant Township Holiday Parade Float



Top right: Employees from Ray Chevrolet help with donations

Bottom right: Preschoolers from Kids Success visit the Food Pantry



Just for Seniors

Senior Programs for Age 55 & Older

Reservations are required for all programs and registration forms for trips will be available at Village of Fox Lake, 66 Thillen Drive, Fox Lake 60020 (847) 587-3944, www.foxlake.org and Grant Township Center, 26725 W. Molitor Road, Ingleside 60041, (847) 740-2233, www.granttownshipcenter.org

- | | |
|----------|--|
| March 9 | Grant Township Fish Fry - \$10.00
Fox Lake American Legion, 5:00-8:00 pm
Proceeds to benefit Grant Township Parks |
| March 15 | Luncheon at Lakefront Park, 11:30 am, \$9.00
Entertainment by Ernie Garner |
| April 19 | Luncheon at Lakefront Park, 11:30 am, \$9.00
Entertainment by Steve Lydell |
| May 17 | Luncheon at Lakefront Park, 11:30 am, \$9.00
Entertainment by Peter Oprisko |
| June 21 | Picnic at Grant Township Center, 11:30 am, \$7.00
Entertainment by Johnny Gray
Contact Dee @ (847) 740-2233 for reservations. Limited seating for this event. |
| July 19 | Historic Mansion Tour
Shiloh House Tour and lunch at Savannah House in Zion, then tour Cuneo Mansion & Gardens, Libertyville.
9:30 am departure from Grant Township |

These programs may be subject to change.

Community Events

- | | |
|----------|--|
| March 3 | Fox Lake Chamber of Commerce
Business & Craft Expo
9:00 am-2:00 pm, Grant Community High School |
| March 10 | Fox Lake Volunteer Fire Department, 5:00-8:00 pm
St. Patty's Day Corn Beef Dinner, FLVFD Bingo Hall |

Village of Fox Lake

- | | |
|----------|---|
| March 24 | Egg-citing Egg Hunt & Bunny Luncheon, 10:00 am-1:00 pm. Free Egg hunt for children up to age 10, 10:30 am. Photos, Easter activities and lunch with Easter Bunny, Veterans Park |
| May 19 | Fox Lake Chamber of Commerce Spring Wine Walk |
| May 28 | Memorial Day Celebration at Fox Lake Train Station |

Village of Lakemoor

- | | |
|----------|--|
| March 24 | Easter Egg Hunt, Heritage Park, 10:00 am |
| May 19 | May Movie in the Park, Heritage Park, 8:30 pm |
| June 16 | June Movie in the Park, Heritage Park, 8:30 pm |

Village of Volo

- | | |
|----------|--|
| March 31 | Easter Egg Hunt, 11:00 am Village Hall |
|----------|--|

No details as of this date for Round Lake events. For information go to Round Lake, (847) 546-5400, admindept@eroundlake.com.

Historic Mansion Tours and Luncheon

Join us for a tour of Shiloh House in Zion followed by lunch at Savannah House in Zion, then tour the Cuneo Mansion & Gardens, Libertyville

Thursday, July 19, \$40.00/person 9:30 am Departure from Grant Township

Shiloh House (below) is an elegant 25-room mansion built in 1901. It has been restored to the splendor of the Victorian era and its original glory. Followed by lunch at Savannah House.



Cuneo Mansion and Gardens (below) stands as a monument to old world elegance amid genteel country life. The grand spaces of the Venetian-style architecture, filled with antique furnishings and artwork and the quiet paths through the manicured grounds allow guests to savor the elegant splendor of the "gilded age."



AARP Free Tax Help

At the Fox Lake District Library. Appointments will be held hourly from 1:00-4:00 pm and will run from February 5-April 16. Please check with the Adult Reference for availability. For more information, please call (847) 587-0198.

Secretary of State Mobile Driver Services

Friday, May 4
Grant Township Center
10:00 am - 2:00 pm

Registration not required

Vision - 10:00 am to 2:00 pm
Rules of the Road Review Class - 10:00 to 11:30 am
Mobile Unit - 10:00 am to 2:00 pm

- ✓ State IDs
- ✓ License Plate Renewal
- ✓ Drivers License Renewal
(if no road test needed)

Call (847) 740-2233 for more information.

Rules of the Road Review Course

The Rules of the Road Review Course is designed to give drivers, especially senior citizens and persons with disabilities, the knowledge and confidence needed to renew or obtain a driver's license. The review course combines an explanation of the driving exam with a practice written exam.

Friday, March 2, July 6, October 12
Class starts at 10:00 am.



Call Grant Township to register for this free and informative class. When registering, please give the date you want to attend.



Shred It Event on Saturday, May 5!

Grant Township will again provide residents with free shredding! This is the perfect opportunity to clear your home of paper clutter such as old checks, IRS returns, credit card statements and more. Your documents are safely shredded on site while you watch. You are not only reducing the possibility of personal identity theft, but your old recycled paper is processed into new paper and you are helping save trees.

Mark your calendars for Saturday, May 5, 9:00 am to noon. Shredding will take place at the Grant Township Administration Building, in the lower level parking area. Your paper will be safely handled and securely shredded on site.

Ho-Chunk Casino

Thursday, April 5

Cost: \$30 (cash or check only)
Includes: \$25 Bonus Play

Leave: Be at Grant Township by 8:30 am. Bus departs at 9:00 am.
Depart casino at 3:15 pm

Reservations/fee due by March 26. No refunds. Winnings over \$1,199 require a valid photo ID and social security card. Call Grant Township at (847) 740-2233 for more details.

Keep Up with Community News

Keep up with the news from the Township and around Lake County with the Grant Township E-newsletter. If you would like to receive the E-newsletter, go to www.granttownshipcenter.org to sign up or call the Township office to be placed on the E-list.

Football Registration & Cheerleading Clinic

Grant Jr. Bulldogs Football registration is available online. Register by going to <http://www.grantjrbulldogs.com/>

On site registration at Grant Community High School will be held on March 18 from 5:00-8:00 pm, April 7 from 10:00 am-1:00 pm and on May 12 from 10:00 am-1:00 pm in the GCHS Senior Commons.



Cheerleading registration will be held on March 10, April 4 and May 12 from 10:00 am-1:00 pm at Grant Community High School.

From the Assessor... we're here to help

Lawsuit Update

As we begin the 2018 assessment year, I'm sorry to say that our efforts to give all property owners a fair assessment is still being fought by the county assessor, Martin Paulson and his "support team" at Lake County.

The Lake County State's Attorney's office has filed a MOTION TO DISMISS the township assessors request to have a judge clarify the Property Tax Code and allow us to do our work like all of the other townships in other counties are allowed to do! The basis for their motion to dismiss is that the assessors have "NO PERSONAL, INDIVIDUAL INTEREST AT RISK" if our assessments are not upheld (evidently fighting for the taxpayers who are paying more than their share of property taxes is not our fight in Lake County's opinion).

The Lake County State's Attorney's office points to the appeal process that the taxpayer's may use if they do not agree with the value of their

property but nobody whose property is valued too low is going to appeal and so the burden stays with the property owners who are too high or where they should be.

This needs to change.

One of the tax attorneys that represents commercial properties at the Board of Review said to me recently "I guess all the other counties are breaking the law according to Marty Paulson's way of thinking". (Even the tax attorneys know that what Lake County is doing is NOT what everyone else does.)

Last year, I went before the County Finance and Administration committee and pleaded with them to allow the township assessors who were ELECTED to value the property to do their jobs. I explained that some property owners are paying a higher portion of property taxes than they should and that people are struggling to keep their homes. I was given 5 minutes to address the committee and not one question

was asked regarding how they could help the taxpayers. I believe this speaks volumes as to what is important to the Lake County Board members and staff who head this committee.

Our Senator, Pam Althoff, and State Rep Nick Sauer, have also requested a legal opinion from Lisa Madigan's office but we do not know at this time whether their request will be granted by the Attorney General.

For the hundreds of people who have e-mailed or called me to inquire about the status of the lawsuit, I ask that you contact the Lake County Board and ask them why they are opposed to getting a judge's ruling on the statutes we must follow??? The next hearing on the MOTION TO DISMISS is March 27 – stay tuned.

*Jeri J. Barr, CIAO
Assessor*

Change in Senior Citizen Assessment for 2018

A change is coming for the Senior Citizen Assessment Freeze for the tax year 2018 (payable 2019, increasing the total household income to \$65,000. This exemption freezes the assessment of the property if your total household income is \$65,000 or less. It may be claimed in addition to the General Homestead Exemption and the Senior Homestead Exemption.

This is not a tax freeze or a tax reduction and does not protect against increased taxes due to tax rate increases.

To qualify, applicants must:

- Be 65 years of age or older
- Own the property as their principal residence for the past two January 1st
- Have a total household income of \$65,000 or less (in 2018)

Applications will be mailed to every resident receiving the Senior Homestead Exemption and/or will be available at the Grant Township Assessor's Office. **THIS DOES NOT AFFECT THE 2017 APPLICATIONS.**

Senior Citizen Assessment Freeze Assistance

The Chief County Assessment Office and Township Assessors will be at the Lakefront Park Building Thursday, May 17, from 10:00-11:00 am to assist residents in completing the 2018 Senior Citizens Assessment Freeze application for taxes in 2019, and to help taxpayers sign up for other appropriate exemptions.

Residents will work with a staff member one-on-one to complete necessary forms. Bring your 2017 tax return, Social Security Statement (SSA-1099) and proof of beneficiary if the house is held in a Trust. No appointment required.

From the Highway Department

Saving Money by Preventive Maintenance

Hello New Year! We hope 2018 is going to be a good year for all of us.

Mother Nature has been kinder to us this year than last year, but that doesn't mean the Grant Township Highway Department hasn't been busy. The Department's Preventive Maintenance Program happens when the plows are sitting.

We cannot perform our duties without equipment and trucks. It has always been a policy of this department to provide a preventive maintenance schedule for all trucks and each piece of equipment. This process has lowered the overall cost to maintain and operate and has extended the useful lives of each truck and each piece of equipment through this preventive maintenance program.

With the talent that we employ here, many of our trucks and equipment have been rebuilt, completely disassembled, fabrications, engine overhauls, sandblasted right down to the



Highway Department staff work at removing old paint on a snowplow.

frame, painted, new hydraulics, electrical, etc, saving tax dollars. With today's restraints and the tightening of the budget, we cannot afford to spend high dollars on a brand new truck and still continue to update infrastructure and provide all the services the community deserves. So if you happen to see that plow and it looks new, look again, it may be older than you think!

Many of our trucks and equipment have been demonstrators

from the various truck equipment companies and we do take advantage of the state bidding process which is just another way we save tax dollars.

As we head into February, we're hoping the snow, ice and cold are fading, but who knows for sure. Stay safe, stay warm, and c'mon, Spring!

Seasons Come & Go, But Trash Is Forever

With this winter season being a mild one, no layers of snow out there, there surely is trash to be found.

The department has collected several hundred pounds of trash already this winter season. Speaking of trash the department over the past several years collected 477 tires from our roadside which we were able to dispose through a Tire Recycling Event coordinated by Swalco & Illinois EPA. That event was sponsored by SWALCO, Lake County Health Department, Lake County Farm Bureau, Clarke and Lake County Fairgrounds.

Please help keep our roads litter free and work together towards a cleaner, greener environment in Grant Township.

What happens when the plows are sitting?

- brush, tree trimming and removal are ongoing projects
- stringent maintenance of traffic signs
- ongoing trash pickup
- rebuilding, restoring equipment
- filling potholes
- permits and JULIE locates
- maintenance activities, schedules and long-term inspection procedures for structural and nonstructural storm water controls

Help Beautify Fox Lake

Roadside Cleanup, Sunday, April 22.

Volunteers needed. Meet in Jewel parking lot at 7:00 am.

Bring gloves. Bags will be provided.

Call (847) 546-9349 for more information.

From the Highway Department

Grant Township Highway Department - one of the few electronic recycling locations

Last year Grant Township Highway Department collected over 736,055 pounds of recycled electronics. That's a credit to our residents who are recycling old electronics. Only four sites in Lake County (listed below) will be collecting recycled electronics.

- Grant Township Highway Department, 26535 Molitor Rd.
- Grayslake Public Works, 585 Berry Ave.
- Highland Park Recycling Center, 1180 Half Day Rd.
- Cuba Township Road District Facility, 28070 W. Cuba Road,

A trailer is located behind the Township facility for electronics to be dropped off and properly recycled. Follow the signs. This is an unmanned program, so if you require help to remove the items from your vehicle, please drop off Monday - Friday, from 7:00 am to 3:00 pm. You may drop-off on your own any time.

For an updated list of acceptable items or a list of non-acceptable items, go to www.swalco.org.

In Memoriam

For more than of half his life, Greg Murrey, aka Doctor of Motors, kept all our Township trucks and equipment running in top notch condition, keeping roads safe for our community.

Greg served as head mechanic for 39 years and even after he retired a few years back, he still showed dedication to the Highway Department.

He was a longtime member of the Fox Lake Volunteer Fire Department, served 18 years as a Village of Fox Lake trustee and a member of the



Sons of the American Legion Post 703.

Greg embodied what it truly means to be a public servant. He will be missed by this department as well as the community.

Brush Removal Program

Our brush pick up is for the convenience of homeowners and for the sole use of the residents of unincorporated Grant Township from April - October and may not be used by contractors and/or residents clearing home lots, private roads or more open space.

Daylight Savings Time Begins March 11

Daylight Savings Time begins on Sunday, March 11; set your clocks ahead one hour. Change your smoke detector and carbon monoxide detector batteries at the same time. It's a good habit to form.



More Recycling Options

Clothing & Textiles

Nearly 85% of all clothing and textiles end up in landfills in the U.S. today. The EPA estimates that the average person throws away 70 pounds of clothing each year.

SWALCO is establishing a new community-wide program where clothing and textiles can be collected for recycling. The program will accept new, gently used, unwanted/worn, women's, men's and children's clothing and textiles. All fabrics even clothes or textiles with stains or holes will be accepted. The great news too, is that almost 95% of the materials collected will be repurposed or recycled.

Currently we have 28 collection bins located at 25 sites throughout Lake County. Go to **www.swalco.org** for a list of acceptable/unacceptable textile items and drop off locations

Reuse-A-Shoe Program

Every year, across the globe, millions of pairs of shoes end up in landfills or disposed of in some way, creating a lot of waste. It is estimated that 85% or more of these unwanted items end up in our landfills, which here in the U.S. and around the world, are filling up fast.

Most of us have at least a few pairs or more of unwanted shoes hanging out in our closets. Much of what we consider unwanted waste can actually be recycled or repurposed.

SWALCO has developed a program to reuse those shoes and we have been offering the program for over a decade now.

Go to **www.swalco.org** for a list of acceptable/unacceptable reuse-a-shoe and drop off locations.

*Kim Kiesgen
Highway Commissioner*

Grant Township Center
 26725 W. Molidor Road
 Ingleside, IL 60041
 (847) 740-2233
 fax: (847) 740-2255
 granttownship@sbcglobal.net
 www.granttownshipcenter.org
 Supervisor
 Catherine "Kay" Starostovic
 Clerk
 Barbara Schau
 Highway Commissioner
 Kim Kiesgen
 (847) 546-7623
 Assessor
 Jeri J. Barr, CIAO
 (847) 546-8880
 Trustees
 Robert Hamm Robert Selle
 Carol J. Ulasz Tom Lippert

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From the Clerk

The General Primary Election is March 20

This Primary Election provides you the opportunity to nominate Federal, State and County candidates by casting your vote. Lake County voters will nominate the County Clerk, Treasurer, and Sheriff, a Regional Superintendent of Schools and County Board members for several Districts.

If you are not registered to vote, please do so! Voting is your right and a privilege, and it is important that everyone exercises their right to vote.

Registering to vote

- ✓ Register Online through the State Board of Elections through March 4.
- ✓ Register In Person through

a Deputy Registrar at any government office that has deputy registrars; deadline is February 20. Grant Township can register you!

- ✓ Register by Mail prior to February 20.

You must be a US Citizen, a resident of your precinct a minimum for 30 days prior to the election; and you must present two forms of identification.

Three Ways to Vote

- ✓ Vote by mail - your application needs to be received by the County Clerk's office by noon, March 15. Please see the County Clerk's website for additional information.

- ✓ Vote early between March 5-18 at designated Early Voting Sites. You may find a listing of Early Voting Sites and the hours for each location on the Grant Township website (www.granttownshipcenter.org).
- ✓ Vote at the polls on Election Day, March 20, from 6:00 am-7:00 pm.

We urge you to participate and have a voice in government. Please contact our office with your thoughts and suggestions. We look forward to hearing from you.

*Barbara L. Schau
 Clerk
 bschau@granttownshipcenter.org*

MS4 Name: Grant Township Highway Month MARCH Year 2018

1. Recycling Event (dates/ location/amount collected) Electronics Recycling Total - MARCH 2018 - 62,947
2. Catch basins cleaned*: _____ Amount of material removed: _____
3. Catch basins repaired*: _____
4. Triple basin maintenance: _____ Amount of material removed: _____
5. Street Sweeping (liner feet): _____ Amount of material removed: _____
6. MS4 projects >1 acre (name,/location/ size): _____
7. Permit Issued: _____
 - a. Type: _____
 - b. Property Owner: _____
 - c. Wetland Impact/Mitigation: _____
 - d. Detention: _____
 - e. Deed Restriction: _____
 - f. NPDES Permit: _____
8. Violations: _____
9. Amount of material removed from maintenance yard:
 - a. Oil: _____
 - b. Antifreeze: _____
 - c. Other Fluids: _____
 - d. Tires: _____
 - e. Batteries: _____
10. Ice removal equipment maintenance and calibration:
 - a. Vehicle Description: _____ Date maintenance performed: _____
 - b. Vehicle Description: _____ Date maintenance performed: _____
11. Quantities used:
 - a. Salt: 2 loads
 - b. Brine: _____
 - c. Supermix: _____
 - d. Beet Juice: _____
 - e. Sand: _____
 - f. Other: _____
12. Employee training: (employee name/ date/ location/subject matter)
 - a. _____
 - b. _____
13. Distribution of paper materials: (title of document/date/number distributed/method of distribution)
 - a. _____
 - b. _____
14. Workshops/watershed planning and stakeholder meetings: (date/location/subject matter/who attended)
 - a. _____
 - b. _____
 - c. _____
 - d. _____
15. Illicit discharge complaints (phone/email/walk in/mail):
 - a. _____
 - b. _____
16. Spills reported: _____
17. Other: _____

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. As described in the revised SMPP there are extensive monitoring efforts already underway across the County. The MS4 is located in the Fox River Watershed and supports the efforts of the Fox River Study Group (FRSG) as well as the Lake County Health Department (LCHD). The QLP section of the report describes the status of Lake County waters using information gathered by these workgroups, the LCHD and IEPA. The following is a brief summary of the efforts described in more detail in the SMPP.

- The Fox River Implementation Plan (FRIP) takes the place of a traditional TMDL for dissolved oxygen and nuisance algae in the Fox River. The FRSG directly coordinates with the IEPA on the efforts described in the FRIP.
- The LCHD Lakes Management Unit has been collecting water quality data on Lake County lakes since the late 1960s. Since 2000, 176 different lakes each year have been studied and data collected on temperature, dissolved oxygen, phosphorus, nitrogen, solids, pH, alkalinity, chloride, conductivity, water clarity, the plant community and shoreline characteristics. Lake summary reports can be found ([url: https://www.lakecountyil.gov/2400/Lake-Reports](https://www.lakecountyil.gov/2400/Lake-Reports)).
- Inland Beaches are monitored bimonthly from May to September by Lake County Health Department's Lake Management Unit (LMU). Bacteria concentrations at inland beaches and recreational areas resulting in high concentrations of E coli bacteria are the basis of swim bans. The IEPA uses the number and duration of swim bans to assess whether or not the beaches support designated uses for primary contact recreation.
- A portion of the community is located outside of these monitoring efforts. A total of 7 locations were selected to perform supplemental water quality monitoring. The data collected from these water quality sampling locations will be compared with subsequent years sampling to assist in determining if the BMPs and stormwater management program are appropriate.

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
X	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
	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
X	C.8 Pollutant Field Testing
	C.9 Public Notification
	C.10 Other Illicit Discharge Controls

Year 16	
MS4	
D. Construction Site Runoff Control	
	D.1 Regulatory Control Program
X	D.2 Erosion and Sediment Control BMPs
	D.3 Other Waste Control Program
	D.4 Site Plan Review Procedures
	D.5 Public Information Handling Procedures
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
	E.2 Regulatory Control Program
X	E.3 Long Term O&M Procedures
	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

As described in Part B above, a significant enhancement to the SMPP is the inclusion of Chapter 3.1 Qualified Local Program. On behalf of all MS4s within the county, SMC performs activities related to each of the six minimum control measures which are described in detail in the SMPP. These BMPs, implemented at the county level, make significant strides in achieving the statutory goal of reducing the discharge of pollutants to the MEP as watershed boundaries are not constrained by municipal borders. As such, a significant portion of the stated MS4 measurable goals are to “support QLP efforts.”

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/Grant-Twp_SMPP-No-appendices.pdf

A. Public Education and Outreach

In addition to the extensive QLP efforts, 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 Solid Waste Agency of Lake County (SWALCO).

Measurable Goal(s):

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

B. Public Participation/Involvement

In addition to the extensive QLP efforts, 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 and the Lake County Municipal Advisory Committee, identification of environmental justice areas, and presenting program information at a public meeting at least once annually.

Measurable Goal(s):

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

C. Illicit Discharge Detection and Elimination

In addition to the extensive QLP efforts, 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;
- Visual water quality screening;
- Periodic inspection of outfalls for detection of illicit discharges and illegal dumping (5-yr rescreening schedule).
- Visual water quality monitoring.
- Annual inspection of all High Priority Outfalls.

Measurable Goal(s):

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

D. Construction Site Runoff Control

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

Measurable Goal(s):

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

E. Post-Construction Runoff Control

As described above, the countywide WDO establishes the minimum stormwater management requirements for development in Lake County. BMP standards are incorporated into the WDO 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 pre-WDO developments, 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 SMC in ensuring that all applicable developments are in compliance with the WDO.

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 maintenance yards. This program includes: the evaluation and improvement of policies and procedures to reduce the discharge of pollutants from municipal activities and operations; and, training for employees.

Measurable Goal(s):

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

Part E. Notice of Qualifying Local Program

The Lake County Stormwater Management Commission (SMC) serves as a Qualifying Local Program (QLP) for MS4s in Lake County. In accordance with IEPA's General NPDES Permit No. ILR40, as a QLP, SMC performs activities related to each of the six minimum control measures. This part of the Annual Report, which summarizes the stormwater management activities performed by SMC as a QLP, consists of the following five sections:

- **Part E1** identifies changes to Best Management Practices (BMPs) that occurred during Year 15 and includes information about how these changes affected the QLP's stormwater management program.
- **Part E2** describes the stormwater management activities that the QLP performed during Year 15.
- **Part E3** summarizes the information and data collected by the QLP during Year 15.
- **Part E4** describes the stormwater management activities that the QLP plans to undertake during Year 16.
- **Part E5** lists the construction projects conducted by the QLP during Year 15.

Part E1. QLP Changes to Best Management Practices, Year 15

Note: “X” indicates BMPs that were implemented as planned

✓ indicates BMPs that were changed during Year 15

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

Year 15	
QLP	
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
X	E.7 Other Post-Const Runoff Controls
F. Pollution Prevention/Good Housekeeping	
X	F.1 Employee Training Program
	F.2 Inspection and Maintenance Program
	F.3 Municipal Operations Storm Water Control
	F.4 Municipal Operations Waste Disposal
X	F.5 Flood Management/Assess Guidelines
	F.6 Other Municipal Operations Controls

Part E2. QLP Status of Compliance with Permit Conditions, Year 15

IEPA issued a new version of its General NPDES Permit No. ILR40 effective March 1, 2016 (the first day of Year 14). SMC has reviewed the new permit, compared it to the previous permit, summarized the changes, and evaluated what the changes appear to mean for Lake County MS4s. Based on these findings, SMC revised its SMPP template and provided it to communities in August 2016; the final draft was provided in November 2016.

The Lake County Stormwater Management Commission (SMC) serves as a Qualifying Local Program (QLP) for MS4s in Lake County. In accordance with IEPA's NPDES General Permit No. ILR40, as a QLP, SMC performs activities related to each of the six minimum control measures. The stormwater management activities that the QLP performed during Year 15 are described below.

A. Public Education and Outreach

A.1 Distributed Paper Material

Measurable Goal(s):

- Distribute informational materials from “take away” rack at SMC. Upon request, distribute materials directly to municipalities for local distribution.

Year 15 QLP activities:

- SMC distributes a variety of informational materials related to stormwater management through its “take away” rack and website.
- Upon request, informational materials are distributed directly to Lake County MS4s in PDF format for use on community websites, in community newsletters, and in community “take away” racks.
- Provided NPDES related information via Facebook
- Provided a Watershed E-News in March 2017.
- SMC Developed a Voluntary Floodplain Buyout Program Handout in 2017, available as a PDF or in print (<https://lakecountyil.gov/DocumentCenter/View/20510>).
- SMC developed in June 2017 a Landowner's Monitoring and Maintenance Guide for the Bull Creek Restoration Project Area in Beach Park, IL.

A.3 Public Service Announcement

Measurable Goal(s):

- Include public service announcement highlighting community accomplishments related to IEPA's NPDES Stormwater Program in “Watershed E-News”;
- Post watershed identification signage with LCDOT;
- Upon request or download “[The Big Picture: Water Quality, Regulations & NPDES](https://lakecountyil.gov/DocumentCenter/View/16533)” to Lake County MS4s, (<https://lakecountyil.gov/DocumentCenter/View/16533>).

Year 15 QLP activities:

- SMC includes announcements highlighting community accomplishments related to IEPA's NPDES Stormwater Program on its website, in its newsletter, and through other media outlets (url: <http://www.lakecountyil.gov/2331/Newsletters-Annual-Reports>).
- Watershed identification signage is located throughout the county.
- SMC continues to make available “The Big Picture: Water Quality, Regulations & NPDES” presentation to Lake County MS4s.

- SMC developed a Flood Response Report in July 2017 covering the rain event impacts from July 11 and July 12, 2017.

A.4 Community Event

Measurable Goal(s):

- Sponsor or co-sponsor workshop on a topic related to IEPA's NPDES Stormwater Program.

Year 15 QLP activities:

- SMC sponsored or co-sponsored many workshops and events on stormwater-related topics between March 1, 2017 and February 28, 2018, including:
 - SMC sponsored a Designated Erosion Control Inspector (DECI) Workshop held on Jan. 5/2017.
 - SMC co-sponsored a river cleanup for Chicago River Day on May 13, 2017 throughout the watershed.
 - SMC co-sponsored a Rain Barrel, Compost Bin, and Native Plant Sale held in Libertyville, IL on May 13, 2017.
 - SMC co-sponsored a Workshop for Homeowners Associations: Maintenance (Techniques and Practices) for Subdivision Drainage Systems in Kildeer, IL on May 15, 2017.
 - SMC sponsored a Lake Michigan Plan Info Meeting for Communities on May 31, 2017 in North Chicago, IL.
 - SMC co-sponsored Parking Lots & Sidewalks De-Icing Workshop held in Libertyville, IL on September 25, 2017.
 - SMC co-sponsored Roadway De-Icing Workshop held in Libertyville, IL on September 26, and 27, 2017.
 - SMC sponsored a Homeowners Floodproofing Expo and Workshop held in Libertyville, IL on October 19, 2017.
 - SMC co-sponsored a Community Fall Workday at Mike Rylko Park in Buffalo Grove, IL within the Farrington Ditch on October 21, 2017.
 - SMC sponsored a Closeout Project Tour for the Bull Creek Streambank Restoration Project in Beach Park, IL within the Dead River subwatershed on November 28, 2017.

A.5 Classroom Education

Measurable Goal(s):

- Develop and compile information for stormwater educational kit for distribution upon request.
- Provide materials and training on storm sewer inlet stenciling kits to teachers upon request.

Year 15 QLP activities

- Stormwater educational materials were compiled for use at several public education events that were held between March 1, 2017 and February 28, 2018, including:
 - Loch Lomond Property Owners Association's Loch Fest held in Mundelein, IL on July 29, 2017
 - SMC presented as part of a career panel at the College of Lake County's Career Day on September 09, 2017.

- Homeowners Floodproofing Expo and Workshop held in Libertyville, IL on October 19, 2017.
- SMC presented as part of a career panel at Round Lake High School on November 14, 2017.
- SMC provided technical assistance with the Round Lake High School Student Group Flood Project on February 22, 2018. The group chose their topic and wanted to focus on flooding because many of them were affected by the July 2017 flood. They created a presentation to talk about flood hazards, why it occurs, and what can be done before, during, and after a flood event.

A.6 Other Public Education

Measurable Goal(s):

- Maintain and update the portion of the SMC website dedicated to IEPA's NPDES Stormwater Program with resource materials such as model ordinances, case studies, brochures and web links.
- Make "The Big Picture: Water Quality, Regulations & NPDES" presentation available to Lake County MS4s.

Year 15 QLP activities:

- As new information and resource materials become available, they are posted to the SMC website and/or distributed directly to Lake County MS4s, (url: <https://lakecountyil.gov/2479/NPDES-Phase-II>).
- SMC continues to make available "The Big Picture: Water Quality, Regulations & NPDES" presentation to Lake County MS4s, (url: <https://lakecountyil.gov/DocumentCenter/View/16533>).
- SMC developed an ArcGIS geospatial web tool for Lake County MS4 programs that indicates TMDL statuses, 303(b), 305(d), HUC 12 watershed information and urbanized area information within an MS4 defined boundary, (url: <https://lakecountyil.maps.arcgis.com/apps/webappviewer/index.html?id=0d60824433734de3bb7905c1113a8539>).
- SMC maintains an ArcGIS geospatial web tool for Lake County within the Des Plaines River watershed, allowing the public to see an [Inventory of Stream and Detention Basin](#) Information, (url: <https://lakecountyil.maps.arcgis.com/apps/webappviewer/index.html?id=918c4042dcec431ba46b5c1a7030b46c&extent=-9835848.6057,5176480.893,-9738009.2095,5239847.1894,102100>).
- SMC maintains reference documents for stormwater best practices, BMPs and green infrastructure practices on its website, (url: <https://lakecountyil.gov/2261/Stormwater-Best-Practices>).
- SMC presented on the "Lake County's Wetland Restoration and Preservation Plan, part 1: Approach", on February 21, 2018 at the Wisconsin Wetlands Association 2018 Wetland Science Conference.
- SMC presented on the "Lake County's Wetland Restoration and Preservation Plan, part 2: GIS & decision support tool", on February 21, 2018 at the Wisconsin Wetlands Association 2018 Wetland Science Conference.
- SMC presented an overview of the "Lake County SMC sUAS Program" at Lake County GIS day on November 1, 2017 in Libertyville IL.

- SMC presented an “Overview of Flood Response Activities 2017 Flood Event – The Role of GIS” and an overview of “Lake County SMC’s sUAS Program” for the Lakes Region of the American Public Works Association on November 2, 2017.

B. Public Participation/Involvement

B.1 Public Panel

Measurable Goal(s):

- Provide notice of public meetings on SMC website. Track number of meetings conducted.

Year 15 QLP activities:

- Notice of all public meetings continues to be provided on the SMC website and through direct mailings and e-mailings to distribution lists.
- SMC tracked the number of Stormwater Management Committee Board (SMC) meetings, Technical Advisory Committee (TAC) meetings, Municipal Advisory Committee (MAC), and Watershed Management Board (WMB) meetings conducted during Year 15, between March 1, 2017 and February 28, 2018.
 - Per records, there were 9 SMC meetings, Zero TAC meetings, 4 MAC meetings, and 1 WMB meeting conducted during this reporting period.
- According to records, between March 1, 2017 and February 28, 2018, 16 CIRS community inquiries were received and processed by SMC staff.

B.3 Stakeholder Meeting

Measurable Goal(s):

- Provide notice of stakeholder meetings on SMC website.
- Track number of watershed planning committee meetings conducted.
- Establish watershed planning committees for each new watershed planning effort.

Year 15 QLP activities:

- Notice of all stakeholder meetings continues to be provided on the SMC website and through direct mailings and e-mailings to stakeholder lists.
- SMC tracked the number of stakeholder meetings conducted for the various watershed planning committees during the reporting period. The list below summarizes the watershed planning committee meetings that were conducted during Year 15:
 - North Branch Chicago River Planning Committee – 3
 - Bull Creek/Bull’s Brook Watershed Council – 2
 - Buffalo Creek Clean Water Partnership – 0
 - Des Plaines Watershed Planning Committee – 10
 - Des Plaines River Watershed Workgroup – 4 (excluding executive board meetings)
 - North Branch Chicago River Watershed Workgroup– 2 (excluding executive board meetings)
- SMC continues to establish and/or assist watershed planning committees for each new watershed planning effort.

B.6 Program Coordination

Measurable Goal(s):

- Track number of MAC meetings conducted during Year 15.
- Prepare annual report on Qualifying Local Program activities at end of Year 15.

Year 15 QLP activities:

- SMC tracked the number of Municipal Advisory Committee (MAC) meetings conducted during Year 15: According to records, there were 4 MAC meetings conducted during this reporting period. 3/8/17, 6/14/17, 9/13/17, and 12/13/17.
- The stormwater management activities that SMC performed as a QLP during Year 15 are described in the Annual Facility Inspection Report (i.e., Annual Report) template provided to Lake County MS4s.
- The stormwater management activities that SMC plans to perform as a QLP during Year 16 are described in Part E4 of the Annual Report template.

C. Illicit Discharge Detection and Elimination

C.2 Regulatory Control Program

Measurable Goal(s):

- Continue to enforce the countywide WDO.

Year 15 QLP activities:

- SMC continues to enforce the countywide WDO.
- Lake County continues to provide [the Lake County Illicit Discharge Detection and Elimination \(IDDE\) Manual](https://lakecountyiil.gov/DocumentCenter/View/17264) on the SMC website, (url: <https://lakecountyiil.gov/DocumentCenter/View/17264>)

C.10 Other Illicit Discharge Controls

Measurable Goal(s):

- Sponsor or co-sponsor and track the number of attendees at an Illicit Discharge Detection and Elimination workshop or other training workshop related to IEPA's NPDES Stormwater Program.

Year 15 QLP activities:

- SMC sponsored or co-sponsored many workshops and events on stormwater-related topics between March 1, 2017 and February 28, 2018. Such workshops and events are described above.

D. Construction Site Runoff Control

D.1 Regulatory Control Program

Measurable Goal(s):

- Continue to enforce the countywide WDO.
- Administer the Designated Erosion Control Inspector (DECI) program outlined by the WDO.

Year 15 QLP activities:

- SMC continues to enforce the countywide WDO.
- SMC continues to administer the Designated Erosion Control Inspector (DECI) program as outlined by the WDO, (url: <https://lakecountyiil.gov/2470/Designated-Erosion-Control-Inspector-Pro>).

- Total DECIs who have passed the exam (to date): 703.
- DECIs who have passed the exam between 03/01/2017 – 02/28/2018: 99.
- Total listed DECIs (to date): 190 (DECI completed certification process).
- DECIs have a recertification process every (3) years. Current cycle 2017-2020.

D.2 Erosion and Sediment Control BMPs

Measurable Goal(s):

- Continue to enforce the countywide WDO.
- Complete TRM update and work toward final approval and publication of the document.

Year 15 QLP activities:

- SMC continues to enforce the countywide WDO.
- SMC continues to provide technical guidance and reference materials to support the administration and enforcement of the countywide WDO.
- SMC staff distributed 81 rainfall weather notifications. The rainfall reports indicate county rain events with observed precipitation for construction site runoff SE/SC inspections.

D.3 Other Waste Control Program

Measurable Goal(s):

- Enforce WDO provisions regarding the control of waste and debris at construction sites.

Year 15 QLP activities:

- SMC continues to enforce the countywide WDO.

D.4 Site Plan Review Procedures

Measurable Goal(s):

- Track number of enforcement officers who have passed the exam.
- Track number of communities that undergo a performance review.
- Complete ordinance administration and enforcement chapter of TRM.

Year 15 QLP activities:

- SMC continues to track the number of enforcement officers (EOs) who have passed the EO exam and have become EOs. Per records, as of the end of Year 15, there are 99 EOs certified in Lake County.
- The list of EOs representing Certified Communities is continually updated and is maintained on the SMC website:
(url: <https://lakecountyil.gov/DocumentCenter/View/14412>).
- SMC is in the current 5-year cycle of the community re-certification process, which includes a performance review of all 53 certified and non-certified communities for permitted development compliance from February 2, 2012 to October 1, 2017. The last recertification process occurred during a previous reporting period (i.e., Year 9). In accordance with the amended countywide WDO, the certification process is every 5 years, the next cycle of the community re-certification process is scheduled to begin in Year 20. (url: <https://lakecountyil.gov/2459/Community-Certification>)
- The SMC website includes guidance information to supplement the TRM related to WDO interpretation as well as ordinance administration and enforcement.

D.5 Public Information Handling Procedures

Measurable Goal(s):

- Track number of complaints received and processed related to soil erosion and sediment control (SE/SC).

Year 15 QLP activities:

- SMC continues to track the number of complaints received and processed related to soil erosion and sediment control.
- According to records, between March 1, 2017 and February 28, 2018, 8 SE/SC complaints were received and processed by SMC staff.

D.6 Site Inspection/Enforcement Procedures

Measurable Goal(s):

- Track number of site inspections conducted by SMC.

Year 15 QLP activities:

- SMC continues to track the number of site inspections conducted by SMC staff.
- According to records, between March 1, 2017 and February 28, 2018, 779 site inspections were conducted by SMC staff.
- SMC staff distributed 81 rainfall weather notifications. The rainfall reports indicate county rain events with observed precipitation for construction site runoff SE/SC inspections.

E. Post-Construction Runoff Control

E.2 Regulatory Control Program

Measurable Goal(s):

- Continue to enforce the countywide WDO.

Year 15 QLP activities:

- SMC continues to enforce the countywide WDO.

E.3 Long Term O&M Procedures

Measurable Goal(s):

- Continue to enforce the countywide WDO.

Year 15 QLP activities:

- SMC continues to enforce the countywide WDO.

E.4 Pre-Construction Review of BMP Designs

Measurable Goal(s):

- Continue to enforce the countywide WDO.

Year 15 QLP activities:

- SMC continues to enforce the countywide WDO.

E.5 Site Inspections During Construction

Measurable Goal(s):

- Continue to enforce the countywide WDO.

Year 15 QLP activities:

- SMC continues to enforce the countywide WDO.

E.6 Post-Construction Inspections

Measurable Goal(s):

- Continue to enforce the countywide WDO.

Year 15 QLP activities:

- SMC continues to enforce the countywide WDO.

E.7 Other Post-Construction Runoff Controls

Measurable Goal(s):

- Conduct annual Watershed Management Board (WMB) meeting.
- Contribute funding to flood reduction and water quality improvement projects, including stormwater retrofits, through the WMB.

Year 15 QLP activities:

- The annual WMB meeting was held on Dec. 6, 2017.
- At the annual WMB meeting 13 Projects were selected to receive \$173,253 of funding through the SMC grant program. These projects including planning and in the ground project efforts that support flood reduction, water quality improvement, and stormwater retrofit projects.
 - 8 WMB project grants awarded
 - 2 Stormwater Infrastructure Repair Fund (SIRF) project grant awarded
 - 1 Watershed Management Assistance (WMAG) project grant awarded

F. Pollution Prevention/Good Housekeeping

F.1 Employee Training Program

Measurable Goal(s):

- Provide list of available resources to MS4s.
- Sponsor or co-sponsor employee training workshops or events.
 - Make available the Excal Visual Municipal Storm Water Pollution Prevention Storm Watch Everyday Best Management Practices training video and testing.

Year 15 QLP activities:

- SMC continues to provide information on training opportunities and training resources to Lake County MS4s.
- SMC sponsored or co-sponsored a number of workshops and events on stormwater-related topics between March 1, 2017 and February 28, 2018. Such workshops and events are described above.
- SMC continues to make available the Excal Visual Storm Watch Municipal Stormwater Pollution Prevention software to Lake County MS4s. According to records, between March 1, 2017 and February 28, 2018, Zero MS4 borrowed the Excal Visual software. (url: <http://lakecountyil.gov/2479/NPDES-Phase-II>)

F.5 Flood Management/Assess Guidelines

Measurable Goal(s):

- Track number of projects that are reviewed for multi-objective opportunities.

Year 15 QLP activities:

- SMC continues to evaluate all SMC-sponsored projects for multi-objective opportunities, such as flood control and water quality.

F.6 Other Municipal Operations Controls

Winter Roadway Deicing

Measurable Goal(s):

- Advise MS4 communities of watershed groups addressing issues associated with the use of chlorides (i.e. road salt).

Year 15 QLP activities:

- SMC co-sponsored 3 de-icing workshops:
 - Deicing for Parking Lots and Sidewalks 9/25/2017.
 - Deicing Roads 9/26/2017 and 9/27/2017.
 - In total 184 attendees participated in these three workshops.
 - Since 2009 the deicing workshops have had a cumulative attendance of 1,200 attendees.
- A de-icing certification process to promote trained vendors is offered
 - Preferred Providers that successfully completed a Lake County Deicing Training Workshop and passed the Course Exam can be referenced on a Preferred Provider List (url: <https://www.lakecountyl.gov/DocumentCenter/Home/View/10767>).
 - Certification is through a third-party vendor, Fortin Consulting, Inc.
 - In 2017, 151 preferred providers have been identified based on certification.
- SMC continues to make available chloride reduction documents
 - Too Much Salt in Our Winter Maintenance Recipe - Tips for Managing Snow and Ice at Home (PDF) (url: <https://lakecountyl.gov/DocumentCenter/Home/View/3047>).
 - Lake County Winter Parking Lot and Sidewalk Maintenance Manual (2015) (PDF) (url: <https://lakecountyl.gov/DocumentCenter/Home/View/3044>).
 - Less Salt Equals Less Money, Clean Water, Safe Conditions - Tips for Effective Road Salting (PDF) (url: <https://lakecountyl.gov/DocumentCenter/Home/View/3045>).

Part E3. QLP Information and Data Collection Results, Year 15

The QLP did not collect any monitoring data on behalf of Lake County's MS4s during Year 15. However, SMC has reviewed information presented by the [Illinois EPA \(IEPA\) in the 2016 Illinois Integrated Water Quality Report and 303\(d\) List](#) and has developed the brief "State of Lake County's Waters" report provided below.

State of Lake County's Waters March 2018

This brief report is based on information contained in the Illinois EPA's 2016 Illinois Integrated Water Quality Report (IIWQR) and Section 303(d) List, dated July 2016. Its purpose is to provide basic information to Lake County's MS4 communities on the condition of surface waters within Lake County. More detailed information about the condition of surface waters in Lake County can be found in the Illinois EPA's 2016 Illinois Integrated Water Quality Report and Section 303(d) List.

The Illinois EPA's 2016 IIWQR and Section 303(d) List assesses the condition of surface water within streams, inland lakes and Lake Michigan waters. The IEPA assessment of surface water conditions is based on a degree of support (attainment) of a designated use within a stream segment, inland lake or within Lake Michigan. Determination designation is through an analysis of various types of information: including biological, physicochemical, physical habitat, and toxicity data. Illinois waters are designated for various uses including aquatic life, wildlife, agricultural use, primary contact (e.g., swimming, water skiing), secondary contact (e.g., boating, fishing), industrial use, public and food-processing water supply, and aesthetic quality. When sufficient data is available the IEPA assesses each applicable designation as Fully Supporting (Good resource quality), Not Supporting (Fair or Poor resource quality), Not Assessed or Insufficient Information. Uses determined to be Not Supporting are called "impaired," and waters that have at least one-use assessment as Not Supporting are also called impaired as designated within the 303(d) list.

Streams

An analysis of data accompanying the Illinois EPA's 2016 IIWQR and Section 303(d) List shows that 179.68 stream miles in Lake County have been assessed by the Illinois EPA for attainment of at least one designated use per the IIWQR Appendix B-2. Specific Assessment Information for Streams, 2016.

An analysis of data accompanying the Illinois EPA's 2016 Illinois Integrated Water Quality Report and Section 303(d) List shows that 157.84 stream miles (of the 179.68 stream miles that have been assessed) in Lake County are considered impaired by the Illinois EPA. These stream segments have been mapped and are shown in Figure E3.1.

An analysis of the 2014 impaired streams to the 2016 impaired streams, indicates 8 stream miles previously listed in the 2014 303(d) list have new data indicating aquatic life is now "Fully Supported" and applicable water quality standards have been attained; these waters are no longer

included in the 2016 303(d) list. The IIWQR mentions there is no specified reason for the recovery.

Table E3.1 2014 303(d) streams removed from 2016 303(d) list						
Assessment ID	Name	Miles		Assessment ID	Name	Miles
IL_G-08	Des Plaines River	0.98		IL_QE-01	Dead Dog Creek	4.02
IL_GV-01	Bull Creek	2.33		IL_DTZS-01	Flint Creek	9.66
IL_RGZB	Hastings Lake	0.34		IL_RTJ	Long Lake	2.85
IL_DT-35	Fox River	5.03		IL_RHK	Eleanor Lake	0.36
IL_HCCB-05	West Fork North Branch	5.73		IL_GWA	North Mill Creek	6.62
IL_GST	Buffalo Creek	8.77		IL_RGZE	Slough Lake	0.42
IL_RGZA	Crooked Lake	1.00				

An analysis of the 2014 impaired streams to the 2016 impaired streams indicates 27 stream miles previously not listed in the 2014 303(d) list are now considered impaired in the 2016 303(d) list as new data indicates impairments.

Table E3.2 Stream Segments added to 2016 303(d) list not previously listed in 2014						
Assessment ID	Name	Miles		Assessment ID	Name	Miles
IL_HCCB-05	West Fork North Branch Chicago River	0.002		IL_QC-03	Waukegan River	1.47
IL_DTRA-W- C1	Fiddle Creek	0.003		IL_GU-02	Indian Creek	11.32
IL_GW-02	Mill Creek	12.96		IL_QA-C4	Pettibone Creek	1.24

Lakes

An analysis of data accompanying the Illinois EPA's 2016 IIWQR and Section 303(d) List shows that 170 inland lakes in Lake County have been assessed by the Illinois EPA for attainment of at least one designated use per the IIWQR Appendix B-3. Specific Assessment Information for Lakes, 2016.

An analysis of data accompanying the Illinois EPA's 2016 IIWQR and Section 303(d) List shows that 140 inland lakes, of the 170 assessed, in Lake County are considered impaired by the Illinois EPA. These lakes have been mapped and are shown in Figure E3.1.

An analysis of the 2014 impaired lakes to the 2016 impaired lakes indicates 5 lakes previously not listed in the 2014 303(d) list are now considered impaired in the 2016 303(d) list as new data indicates impairments.

Table E3.3 Inland Lakes added to 2016 303(d) list not previously listed in 2014						
Assessment ID	Name	Acres		Assessment ID	Name	Acres
IL_RGZD	Miltmore	83.1		IL_VGW	Rollins Savanna #1	8
IL_RGK	Grays	80		IL_VGX	Rollins Savanna #2	53
IL_SGZ	Briarcrest Pond	4				

Lake Michigan

Lake Michigan is monitored by the Illinois EPA through the Lake Michigan Monitoring Program. Bordering Cook and Lake Counties, the State of Illinois has jurisdiction over approximately 1,526 square miles of open water, 13 harbors, and 64 shoreline miles of Lake Michigan.

Located within Illinois is 196 square miles of open water of Lake Michigan, or about thirteen percent of the total open water located within Illinois. These waters were assessed for the 2016 IIWQR and Section 303(d) List, and all 196 assessed square miles were rated as Fully Supporting for the following uses: aquatic life use, primary contact use, secondary contact use, and public and food processing water supply use. However, fish consumption uses in all 196 assessed square miles of open water was rated as Not Supporting due to contamination from polychlorinated biphenyls (PCBs) and mercury. Additionally, aesthetic quality use in all 196 assessed square miles of open water was rated as Not Supporting due to exceedances of the Lake Michigan open water standard for total phosphorus. It should be noted that such exceedances do not necessarily indicate that there are offensive conditions in Lake Michigan due to excessive algal or aquatic plant growth.

Along Illinois' Lake Michigan coastline, four of the 13 harbors are currently assessed in the 2016 IIWQR and Section 303(d) List, for several different designated uses. The Illinois EPA uses data collected from the Lake Michigan Monitoring Program harbor component to assess water quality for the following designated uses:

- Aesthetic Quality, a 0.18 sq. mi area was assessed, with 0.12 sq. mi fully supporting and 0.06 sq. mi Not Supporting (poor).
- Aquatic Life, a 3.88 sq. mi area was assessed, with 3.82 sq. mi fully supporting and 0.06 sq. mi Not Supporting (poor).
- Fish Consumption, a 2.62 sq. mi area was assessed, with 2.62 sq. mi Not Supporting (poor).
- Primary and Secondary Contact were not assessed.

Table C-10 of the IIWQR, lists potential causes of impairment in the harbors of Lake Michigan that can include Pesticides, Organic Pollutants, Metal Pollutants as well as polychlorinated biphenyls (PCBs), mercury, bottom deposits, lead, zinc, cadmium, arsenic, phosphorus, copper, and chromium.

Along Illinois' Lake Michigan coastline, a portion of all 64 shoreline miles of Lake Michigan located in Illinois were assessed for the Illinois EPA's 2016 IIWQR and Section 303(d) List for several different designated uses. Contamination sources for Not Supporting is due to polychlorinated biphenyls (PCBs) and mercury and bacterial contamination from *Escherichia coli* (*E. coli*) bacteria.

- Aesthetic Quality and Aquatic Life were not assessed.
- Fish Consumption, 64 mi area was assessed, with 64 mi Not Supporting (poor).
- Primary Contact, 64 mi area was assessed, with 5.5 mi fully supporting and 58.5 mi Not Supporting (poor).
- Secondary Contact, 5.5 mi area was assessed, with 5.5 mi fully supporting

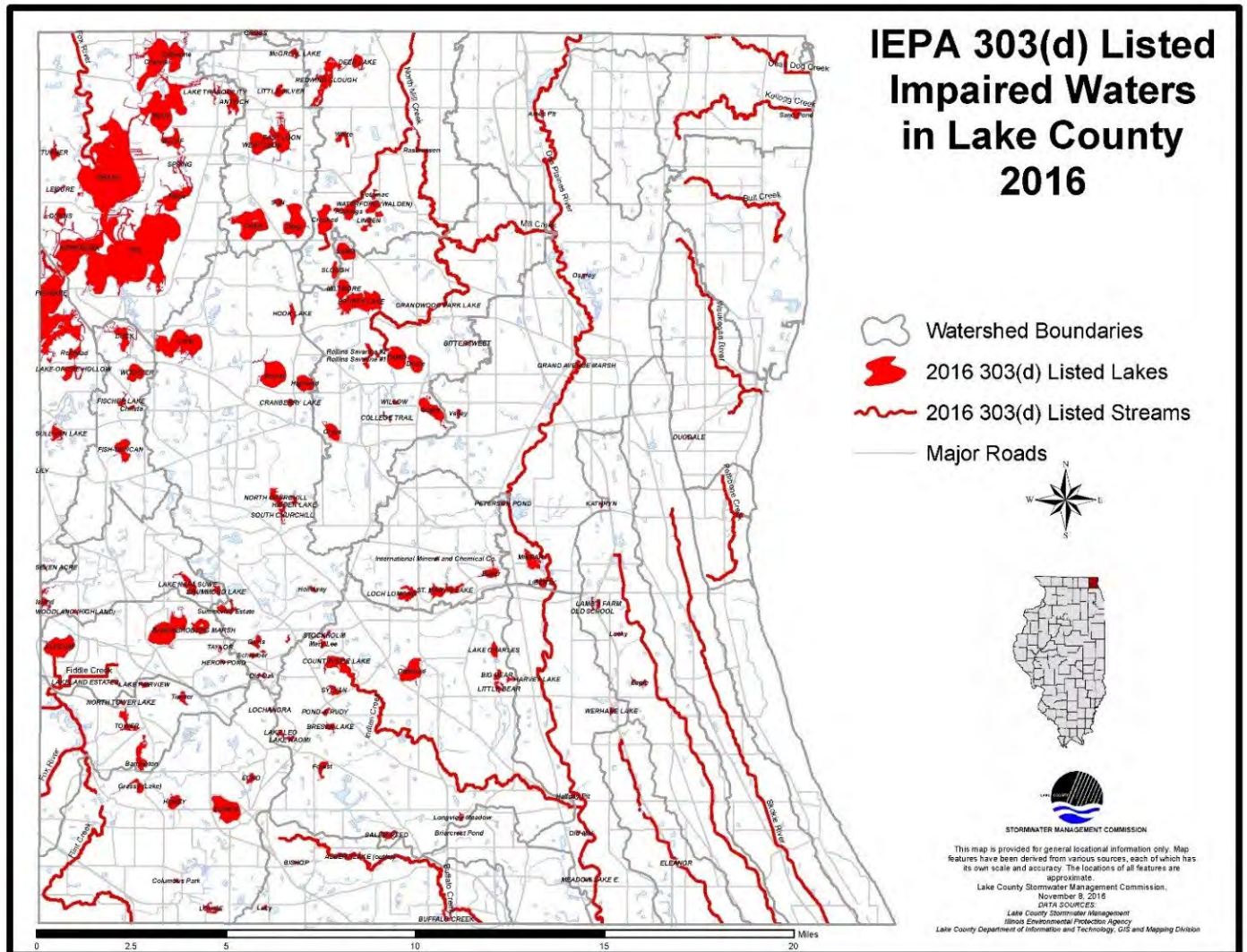


Figure E3.1

In addition to the information contained within the 303(b) and 303(d) reports, the Des Plaines River Watershed Workgroup (DRWW) founded in 2015, on behalf of its members, monitors water quality in the Des Plaines River and tributaries, prioritize and implement water quality improvement projects, and secure grant funding to offset the cost. 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. An annual water chemistry monitoring report was submitted to IL EPA in March 2017, which covers the NPDES II monitoring requirements for MS4 communities that are DRWW members. A Des Plaines River Watershed monitoring strategy was completed in February 2016 and updated in March 2017; a monitoring program report was submitted to IEPA in January 2018. DRWW's comprehensive monitoring program includes chemical, physical and biological assessments during the current YR15 reporting period, DRWW's monitoring program includes: Water/Sediment sampling and analysis at 50 Monitoring Locations for 2017; Bioassessment monitoring at 23 monitoring locations; Continuous water quality monitoring with data sondes and chlorophyll a sampling and analysis at 14 Monitoring Locations; and Flow Monitoring data collection at 21 sites. An annual water chemistry monitoring report was submitted to IL EPA in March 2017, which covers the NPDES II monitoring requirements for MS4 communities that are DRWW members.

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 NBWW members will be able to include chemical, physical and biological components monitored by the workgroup.

The LCHD Lakes Management Unit has been collecting water quality data on Lake County lakes since the late 1960s. Since 2000, 176 different lakes each year have been studied and data collected on temperature, dissolved oxygen, phosphorus, nitrogen, solids, pH, alkalinity, chloride, conductivity, water clarity, the plant community and shoreline characteristics. Lake summary reports can be found <https://www.lakecountyil.gov/2400/Lake-Reports>. This data is used as part of ongoing watershed planning efforts throughout the county, which result in specific programmatic and site-specific recommendations throughout the county. SMC is currently developing an application to assist communities in identifying potential site-specific recommendations within their jurisdictional boundaries.

Part E4. QLP Summary of Year 16 Stormwater Activities

The table below indicates the stormwater management activities that the QLP plans to undertake during Year 16. Additional information about the BMPs and measurable goals that the QLP will implement during Year 16 is provided in the section following the table.

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

Year 16		Year 16	
QLP		QLP	
A. Public Education and Outreach		D. Construction Site Runoff Control	
X	A.1 Distributed Paper Material	X	D.1 Regulatory Control Program
X	A.2 Speaking Engagement	X	D.2 Erosion and Sediment Control BMPs
X	A.3 Public Service Announcement	X	D.3 Other Waste Control Program
X	A.4 Community Event	X	D.4 Site Plan Review Procedures
X	A.5 Classroom Education Material	X	D.5 Public Information Handling Procedures
X	A.6 Other Public Education	X	D.6 Site Inspection/Enforcement Procedures
			D.7 Other Construction Site Runoff Controls
B. Public Participation/Involvement		E. Post-Construction Runoff Control	
X	B.1 Public Panel		E.1 Community Control Strategy
	B.2 Educational Volunteer	X	E.2 Regulatory Control Program
X	B.3 Stakeholder Meeting	X	E.3 Long Term O&M Procedures
	B.4 Public Hearing	X	E.4 Pre-Const Review of BMP Designs
	B.5 Volunteer Monitoring	X	E.5 Site Inspections During Construction
X	B.6 Program Coordination	X	E.6 Post-Construction Inspections
	B.7 Other Public Involvement	X	E.7 Other Post-Const Runoff Controls
C. Illicit Discharge Detection and Elimination		F. Pollution Prevention/Good Housekeeping	
	C.1 Storm Sewer Map Preparation	X	F.1 Employee Training Program
X	C.2 Regulatory Control Program		F.2 Inspection and Maintenance Program
	C.3 Detection/Elimination Prioritization Plan		F.3 Municipal Operations Storm Water Control
	C.4 Illicit Discharge Tracing Procedures		F.4 Municipal Operations Waste Disposal
	C.5 Illicit Source Removal Procedures	X	F.5 Flood Management/Assess Guidelines
	C.6 Program Evaluation and Assessment	X	F.6 Other Municipal Operations Controls
	C.7 Visual Dry Weather Screening		
	C.8 Pollutant Field Testing		
	C.9 Public Notification		
X	C.10 Other Illicit Discharge Controls		

The Lake County Stormwater Management Commission (SMC) is a Qualifying Local Program for MS4s in Lake County. SMC has been providing services under four of the six minimum control categories since it began implementing a comprehensive, countywide stormwater program in 1991. The revised SMPP template clarifies and emphasizes the significant efforts by

SMC related to each of the six minimum control measures. These QLP commitments provide Lake County with a baseline Countywide stormwater management program that can be built upon by each of the individual MS4s.

During Year 16, SMC remains committed to performing a variety of stormwater management activities across the County, these commitments are now specifically outlined in the SMPP template. SMC program is continually evolving, to better assist Lake County MS4s in meeting the requirements of the new 2016 MS4 Permit.

A. Public Education and Outreach

SMC will continue to support Lake County MS4s in the development and implementation of their stormwater management programs by performing activities related to the Public Education and Outreach minimum control measure, as described below.

A.1 Distributed Paper Material

SMC compiles, develops, and distributes throughout Lake County a variety of materials related to stormwater management.

Measurable Goal(s):

- Develop and Distribute informational materials from “take away” rack at SMC.
- Upon request, distribute informational materials directly to Lake County MS4s for local distribution.

A.2 Speaking Engagement

SMC provides educational presentations related to IEPA’s NPDES Stormwater Program on a regular basis at Municipal Advisory Committee (MAC) meetings. Upon request, SMC will provide educational presentations related to IEPA’s NPDES Stormwater Program to Lake County MS4s.

Measurable Goal(s):

- Provide educational presentations related to IEPA’s NPDES Stormwater Program at MAC meetings.
- Upon request, provide educational presentations related to IEPA’s NPDES Stormwater Program (e.g., “[The Big Picture: Water Quality, Regulations & NPDES](#)”) to Lake County MS4s.

A.3 Public Service Announcement

SMC performs extensive Social Media Outreach & Announcement Activities. Public service announcement related to IEPA’s NPDES Stormwater Program or Stormwater BMPs are included in SMC’s watershed E-News. SMC also utilizes social media and coordinates with the Lake County Department of Transportation (LCDOT) to post watershed identification signage in watersheds where watershed planning activities have occurred or are occurring.

Measurable Goal(s):

- Include public service announcements related to IEPA's NPDES Stormwater Program or stormwater BMPs in watershed E-News at least once each year.
- Post watershed identification signage in cooperation and collaboration with LCDOT.
- Provide information via social media (Facebook and Twitter).

A.4 Outreach Events

SMC sponsors and co-sponsors educational and technical training workshops on a variety of stormwater management-related topics. Each year, SMC will sponsor or co-sponsor at least one workshop on a topic related to IEPA's NPDES Stormwater Program, such as soil erosion and sediment control, illicit discharge detection and elimination, or stormwater best management practices (BMPs) that can be used to protect and improve water quality.

Measurable Goal(s):

- Sponsor or co-sponsor workshop on stormwater-related topics.
- Track workshops and events.

A.5 Classroom Education Material

Upon request, SMC will contribute to the development and compilation of material for inclusion in a stormwater education kit that can be distributed to local students and teachers and/or other local stakeholders. Additionally, upon request, SMC will provide information, materials, and training to local students and teachers and/or other local stakeholders interested in conducting storm drain stenciling.

Measurable Goal(s):

- Upon request, develop and compile materials for inclusion in a stormwater education kit.
- Upon request, provide information, materials, and training to local students and teachers and/or stakeholders interested in conducting storm drain stenciling.

A.6 Other Public Education

SMC maintains a website that contains a variety of materials and resources related to stormwater management. The website provides information about IEPA's NPDES Stormwater Program, provide information about stormwater best management practices (BMPs), allow for download of stormwater management-related publications and documents, provide notices of upcoming meetings and ongoing projects, includes watershed plans and watershed workgroup information, and provide links to a number of other stormwater management-related resources

Measurable Goal(s):

- Maintain and update the portion of the SMC website dedicated to IEPA's NPDES Stormwater Program with resources such as model ordinances, case studies, brochures, and links including information related to climate change.
- Make "The Big Picture: Water Quality, Regulations & NPDES" presentation available to Lake County MS4s.

B. Public Participation/Involvement

SMC will continue to support Lake County MS4s in the development and implementation of their stormwater management programs by performing activities related to the Public Participation/Involvement minimum control measure, as described below.

B.1 Public Panel

SMC provides procedural guidance and implements its Citizen Inquiry Response System (CIRS) for receiving and taking action on information provided by the public regarding post-construction stormwater runoff control. SMC coordinates and conducts public meetings as well as committee meetings that are open to the public.

Measurable Goal(s):

- Implement and provide guidance on existing CIRS procedures.
- Provide notice of public meetings on SMC website.
- Track number of meetings conducted

B.3 Stakeholder Meeting

SMC is actively involved in watershed planning throughout Lake County. SMC believes that the watershed planning process cannot happen and will not be successful without the input, interest, and commitment of the watershed stakeholders. Watershed stakeholders may include municipalities, townships, drainage districts, homeowner associations, lakes management associations, developers, landowners, and local, county, state, and federal agencies.

Measurable Goal(s):

- Provide notice of stakeholder meetings on SMC website.
- Track number of watershed committee meetings conducted.
- Establish watershed planning committees for each new watershed planning effort.

B.6 Program Involvement

Consistent with Lake County's comprehensive, countywide approach to stormwater management, SMC serves as a Qualifying Local Program (QLP) for all Lake County MS4s. In this role, in 2002, SMC proactively formed the Municipal Advisory Committee (MAC) to provide a forum for representatives of local MS4s, which include municipalities, townships, and drainage districts, to discuss, among other topics, the implementation of IEPA's NPDES Stormwater Program. SMC will continue to facilitate quarterly MAC meetings and will continue to provide general support to Lake County MS4s as they continue to develop and implement their stormwater management programs. SMC will prepare an annual report on its stormwater management activities and will provide guidance to Lake County MS4s in preparing their own annual reports.

Measurable Goal(s):

- Track number of MAC meetings conducted.
- Prepare annual report template for use by Lake County MS4s including a description of the Qualifying Local Program stormwater management activities.

- Prepare/maintain SMPP template for use by Lake County MS4s in creating their own SMPP.

C. Illicit Discharge Detection and Elimination

SMC will continue to support Lake County MS4s in the development and implementation of their stormwater management programs by performing activities related to the Illicit Discharge Detection and Elimination minimum control measure, as described below. Note, however, that the primary responsibility for the implementation of the Illicit Discharge Detection and Elimination minimum control measure lies with the MS4.

Measurable Goal(s):

- Continue to make available information regarding prioritization of outfalls for illicit discharge screening activities.
- Continue to make available compiled GIS data related to the County's existing stormwater infrastructure (e.g. storm sewer atlases, stream inventories and detention basin inventories).

C.2 Regulatory Control Program

SMC provides local MS4s with model and example illicit discharge ordinances that prohibit all non-stormwater discharges, including illegal dumping, to the storm sewer system. Additionally, the WDO includes provisions that prohibit illicit discharges to the storm sewer system during construction (i.e., prior to final site stabilization) on development sites.

Measurable Goal(s):

- Provide model and example illicit discharge ordinances to Lake County MS4s.
- Continue to administer and enforce the WDO.

C.10 Other Illicit Discharge Controls

SMC regularly sponsors and co-sponsors educational and technical training workshops on a variety of stormwater management-related topics.

Measurable Goal(s):

- Sponsor or co-sponsor and track the number of attendees at an Illicit Discharge Detection and Elimination workshop or other training workshop related to IEPA's NPDES Stormwater Program.
- Distribute informational materials about the hazards of illicit discharges and illegal dumping from "take away" rack at SMC and SMC website.

D. Construction Site Runoff Control

Lake County has adopted a countywide Watershed Development Ordinance (WDO) that establishes the minimum stormwater management requirements for development in Lake County, including requirements for construction site runoff control.

D.1 Regulatory Control Program

The WDO is the regulatory mechanism that requires the use of soil erosion and sediment controls on development sites throughout Lake County. SMC has also created a Designated Erosion Control Inspector (DECI) program, a program designed to closely mirror the inspection requirements of IEPA's General NPDES Permit No. ILR10.

Measurable Goal(s):

- Continue to administer and enforce the WDO.
- Continue to administer the Designated Erosion Control Inspector (DECI) program outlined by the WDO.

D.2 Erosion and Sediment Control BMPs

§600 of the WDO specifies the soil erosion and sediment control measures that must be used in conjunction with any land disturbing activities conducted on a development site. SMC maintains technical guidance resources and documents to accompany the WDO.

Measurable Goal(s):

- Continue to administer and enforce the WDO.
- Continue to maintain technical guidance documents.

D.3 Other Waste Control Program

The WDO includes several provisions that address illicit discharges generated by construction sites. The applicant is required to prohibit the dumping, depositing, dropping, throwing, discarding or leaving of litter and construction material and all other illicit discharges from entering the stormwater management system.

Measurable Goal(s):

- Continue to administer and enforce the provisions of the WDO related to the control of waste and debris during construction on development sites.

D.4 Site Plan Review Procedures

A community's designated enforcement officer is responsible for reviewing and permitting development plans and for administering and enforcing the provision of the WDO. Within certified communities the responsibility lies with the MS4; within non-certified communities the designated enforcement officer is SMC's chief engineer. SMC administers this enforcement officer program, providing training on an as-needed basis to all enforcement officers to assist them in passing the exam, and maintains an up-to-date list identifying each community's designated enforcement officer. In addition to administering the enforcement officer program, SMC periodically reviews each community's WDO administration and enforcement records, using the results of such review to evaluate the performance of certified communities and designated enforcement officers.

Measurable Goal(s):

- Administer the Enforcement Officer (EO) program outlined by the WDO.
- Maintain an up-to-date list identifying each community's designated enforcement officer.
- Periodically review each community's WDO administration and enforcement records. Re-Certification Procedure.
- Continue to maintain technical guidance documents.

D.5 Public Information Handling Procedures

SMC provides a number of opportunities for the receipt and consideration of information submitted by the public.

Measurable Goal(s):

- Document and track the number of soil erosion and sediment control-related complaints received and processed by SMC.

D.6 Site Inspection/Enforcement Procedures

Article 11 of the WDO contains both recommended and minimum requirements for the inspection of development sites. Within certified communities, the community's designated enforcement officer is responsible for conducting these inspections; within certified communities, SMC's chief engineer is responsible for conducting these inspections. Article 12 of the WDO specifies the legal actions that may be taken and the penalties that may be imposed if the provisions of the WDO are violated

Measurable Goal(s):

- Document and track the number of site inspections conducted by SMC.

E. Post-Construction Runoff Control

As described above, Lake County has adopted a countywide Watershed Development Ordinance (WDO) that establishes the minimum stormwater management requirements for development in Lake County, including requirements for post-construction runoff control.

E.2 Regulatory Control Program

Proposed stormwater management strategies must address the runoff volume reduction requirements described in §503 of the WDO and must include appropriate stormwater BMPs to address the other applicable post-construction runoff control requirements of the WDO.

Measurable Goal(s):

- Continue to administer and enforce the WDO.

E.3 Long Term O&M Procedures

§401 of the WDO requires that maintenance plans be developed for all stormwater management systems and, §500 further details deed or plat restriction requirements for all stormwater management systems.

Measurable Goal(s):

- Continue to administer and enforce the WDO.

E.4 Pre-Construction Review of BMP Designs

As described above, a community's designated enforcement officer is responsible for reviewing and permitting development plans and for administering and enforcing the provisions of the WDO. This includes a review of the stormwater BMPs that will be used to meet the post-construction runoff control requirements of the WDO and adherence to the Runoff Volume Reduction standards of §503.

Measurable Goal(s):

- Continue to administer and enforce the WDO.

E.5 Site Inspections During Construction

As described above in MCM D.6 Article 11 of the WDO contains both recommended and minimum requirements for the inspection of development sites.

Measurable Goal(s):

- Continue to administer and enforce the WDO.

E.6 Post-Construction Inspections

SMC has collaborated on a number of watershed-based plans throughout the County. These watershed plans included a stream and detention basin inventories. The plans also include a list of site specific best management practices within various communities based on an assessment of these inventories and other data. SMC is currently developing an application to assist communities in identifying potential project sites, recommended in adopted watershed plans, within their jurisdictional boundaries.

Measurable Goal(s):

- Continue to administer and enforce the WDO.
- Develop an application, for use by MS4s, to identify adopted watershed plan recommendations within their communities.

E.7 Other Post-Construction Runoff Controls

Through the Watershed Management Board (WMB), SMC provides partial funding for flood damage reduction and surface water quality improvement projects. The WMB, which includes representatives from the Lake Michigan, North Branch of the Chicago River, Fox River, and Des Plaines River watersheds, meets annually to review potential projects and to make recommendations on stormwater BMP project funding. Members of the WMB include chief municipal elected officials, township supervisors, drainage district chairmen, and county board members from each district found within each of Lake County's four major watersheds. The goal of the WMB program is to maximize opportunities for local units of government and other groups to have input and influence on the solutions used to address local stormwater management problems. Previous

WMB-funded projects have reduced flooding, improved surface water quality, and enhanced existing stormwater management facilities throughout Lake County.

Measurable Goal(s):

- Conduct annual WMB meeting.
- Contribute funding to flood damage reduction and water quality improvement projects through the WMB.

F. Pollution Prevention/Good Housekeeping

SMC will continue to support Lake County MS4s in the development and implementation of their stormwater management programs by performing activities related to the Pollution Prevention/Good Housekeeping minimum control measure, as described below. Note, however, that the primary responsibility for the implementation of the Pollution Prevention/Good Housekeeping minimum control measure lies with the MS4.

F.1 Employee Training Program

SMC will assist Lake County MS4s with the development and implementation of their employee training programs by maintaining a list of known employee training resources and opportunities, making available a software-based employee training program, and providing technical assistance to local MS4s. In addition, each year, SMC will sponsor or co-sponsor training workshops.

Measurable Goal(s):

- Maintain a list of known employee training resources and opportunities.
- Make available the Excal Visual Storm Watch: Municipal Storm Water Pollution Prevention software-based employee training program.
- Sponsor or co-sponsor a training workshop related to pollution prevention/good housekeeping or other training workshop related to IEPA's NPDES Stormwater Program.

F.5 Flood Management/Assess Guidelines

In working toward meeting its primary goals of flood damage reduction and surface water quality improvement, SMC follows a set of stormwater management policies that were created to define its roles and responsibilities for stormwater management in Lake County. One of these policies is to integrate multi-objective opportunities (e.g., flood damage reduction, surface water quality improvement, environmental enhancement) into SMC-sponsored projects. In accordance with this policy, SMC will evaluate all SMC-sponsored projects for multi-objective opportunities.

Measurable Goal(s):

- Track number of SMC-sponsored projects that are reviewed for multi-objective opportunity.

F.6 Other Municipal Operations Controls

SMC develops and distributes chloride reduction documents and materials. Each year, SMC will sponsor or co-sponsor at least one workshop on a topic related to winter de-icing. Lake County also publishes a “Lake County Winter Maintenance Preferred Providers” list. Providers included on this list have successfully completed a Lake County Deicing Training Workshop and passes the associated course exam.

Measurable Goal(s):

- Advise MS4 communities of watershed groups addressing issues associated with the use of chlorides (i.e. road salt).
- Sponsor or co-sponsor at least one workshop on a topic related to winter de-icing.
- Make available chloride reduction documents on take-away racks and the website.

Part E5. QLP Construction Projects Conducted During Year 15

[illegible]

Part F. MS4 Construction Projects Conducted During Year 15

Project Name	Project Size (acres)	Construction Start Date	Construction End Date
None			