



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, 2013 To March, 2014

Permit No. ILR40

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

Name: Village of Long Grove Mailing Address 1: 3110 RFD Old McHenry Road

Mailing Address 2: _____ County: Lake

City: Long Grove State: IL Zip: 60047 Telephone: 847-634-9440

Contact Person: Davide Lothspeich / Joe Chiczewski Email Address: lothsd@longgrove.net
(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

THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- | | | | |
|--|-------------------------------------|---|-------------------------------------|
| 1. Public Education and Outreach | <input checked="" type="checkbox"/> | 4. Construction Site Runoff Control | <input checked="" type="checkbox"/> |
| 2. Public Participation/Involvement | <input checked="" type="checkbox"/> | 5. Post-Construction Runoff Control | <input checked="" type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input checked="" type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input checked="" type="checkbox"/> |

B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

D. Attach a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule.)

E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

F. Attach a list of construction projects that your entity has paid for during the reporting period.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Owner Signature: _____

Date: _____

David Lothspeich

Printed Name: _____

Title: _____

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

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

IL 532 2585
WPC 691 Rev 6/10
This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

MS4 Annual Facility Inspection Report

**Illinois Environmental Protection Agency
National Pollutant Discharge Elimination System, Phase II**

Permit Year 11: March 2013 to February 2014

**Village of Long Grove
Lake County, IL**

**Prepared By
ESI Consultants, Ltd**

MS4

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Part A. MS4 Changes to Best Management Practices, Year 11

Information regarding the status of all of the BMPs and measurable goals described in the Village of Long Grove'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 11

Year 11	
MS4	
A. Public Education and Outreach	
X	A.1 Distributed Paper Material
	A.2 Speaking Engagement
	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	
	B.1 Public Panel
X	B.2 Educational Volunteer
X	B.3 Stakeholder Meeting
X	B.4 Public Hearing
X	B.5 Volunteer Monitoring
X	B.6 Program Coordination
X	B.7 Other Public Involvement
C. Illicit Discharge Detection and Elimination	
X	C.1 Storm Sewer Map Preparation
X	C.2 Regulatory Control Program
X	C.3 Detection/Elimination Prioritization Plan
X	C.4 Illicit Discharge Tracing Procedures
X	C.5 Illicit Source Removal Procedures
X	C.6 Program Evaluation and Assessment
X	C.7 Visual Dry Weather Screening
X	C.8 Pollutant Field Testing
X	C.9 Public Notification
	C.10 Other Illicit Discharge Controls

Year 11	
MS4	
D. Construction Site Runoff Control	
X	D.1 Regulatory Control Program
X	D.2 Erosion and Sediment Control BMPs
X	D.3 Other Waste Control Program
X	D.4 Site Plan Review Procedures
X	D.5 Public Information Handling Procedures
X	D.6 Site Inspection/Enforcement Procedures
	D.7 Other Construction Site Runoff Controls
E. Post-Construction Runoff Control	
	E.1 Community Control Strategy
X	E.2 Regulatory Control Program
X	E.3 Long Term O&M Procedures
X	E.4 Pre-Const Review of BMP Designs
X	E.5 Site Inspections During Construction
X	E.6 Post-Construction Inspections
X	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
X	F.3 Municipal Operations Storm Water Control
X	F.4 Municipal Operations Waste Disposal
	F.5 Flood Management/Assess Guidelines
	F.6 Other Municipal Operations Controls

Additional information about the changes that were made to the BMPs described in the Village of Long Grove's SMPP during Year 11 is provided below.

C. Illicit Discharge Detection and Elimination

Measurable Goal(s): Implement, and track progress, of BMPs as described in the SMPP.

The Village cooperated with Lake SMC and II EPA for water quality analysis.

The Village participated with the Buffalo Creek Watershed Partnership in Development of the Buffalo Creek Watershed Plan

Due to budgetary constraints, the Village was unable to perform additional base line water quality analysis TDML but now that more normalized budgeting is in place the Village is committed to moving forward with this additional water quality testing during year 12. The Village of Long Grove is planning to perform water quality analysis on 5 or more water bodies within the Village by the end of 2014.

Part B. MS4 Status of Compliance with Permit Conditions, Year 11

Stormwater Management Activities, Year 11

The stormwater management activities that the Long Grove performed during Year 11 and the status of each of the BMPs and measurable goals described in the Village of Long Grove's SMPP, as of the end of Year 11, are described below. The Long Grove's SMPP can be viewed at www.longgrove.net. Tracking forms are used to track the implementation of the BMPs described in the Long Grove's SMPP.

A. Public Education and Outreach

Measurable Goal(s): Implement, and track progress, of BMPs as described in the SMPP.

The Village of Long Grove continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.

The Village will approve the Engineer's proposal to enhance the Public Education and Outreach efforts outlined below:

- Notification of Long Grove Staff of publicly amiable educational opportunities
- Work with Village Staff to create section in the newsletter regarding environmental awareness
- Assist the Village in maintaining an Illicit Discharge/Construction complain hotline
- Gathering materials used at professional development opportunities for posting on Village's website.

B. Public Participation/Involvement

Measurable Goal(s): Implement, and track progress, of BMPs as described in the SMPP.

The Village of Long Grove continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.

The Village of Long Grove's Year 10 Annual Report was presented to the Village Board at the May 14, 2013 board meeting.

The Public Participation/Involvement program includes attending and organizing watershed stakeholder meetings for ongoing planning and project implementation efforts. When stakeholder groups (such as Buffalo Creek Clean Water Partnership and Des Plaines River Watershed Workgrop) include the jurisdictional area of the Village of Long Grove, the Village will publicize the stakeholder meetings and participate by being represented at the stakeholder meetings.

C. Illicit Discharge Detection and Elimination

Measurable Goal(s): Implement, and track progress, of BMPs as described in the SMPP.

The Village of Long Grove continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.

The Village of Long Grove has updated the existing Drainage Atlas. As shown in Attachment A 2014 Drainage Atlas, the watershed boundaries, floodplains and floodways and the storm sewer systems including stormwater control structures have been incorporated into GIS maps. A total of 259 outfalls within the Village have been identified and entered into the outfall inventory using GPS technologies and Arc View software. The outfall inventory can be used to facilitate detection and tracking of identified illicit discharges. The Village of Long Grove is planning to continue to update additional storm sewer and outfall information for previously development areas and within the Village and to include any all new development on the GIS system for future reference.

D. Construction Site Runoff Control

*Measurable Goal(s): Implement, and track progress, of BMPs as described in the SMPP.
Enforce WDO*

The Village of Long Grove continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program. Attachment B and Attachment C show on going Village activities related to monitoring and tracking on the development review status and all violation notices issued during year 11. The Village of Long Grove continues to enforce the WDO.

E. Post-Construction Runoff Control

*Measurable Goal(s): Implement, and track progress, of BMPs as described in the SMPP.
Enforce WDO*

The Village of Long Grove continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program. The Village has contracted out with Ela Township and Cuba Township for miscellaneous stormwater maintenance. The Village of Long Grove continues to enforce the Watershed Development Ordinance.

F. Pollution Prevention/Good Housekeeping

Measurable Goal(s): Implement, and track progress, of BMPs as described in the SMPP.

The Village of Long Grove continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.

Stormwater Management Program Assessment, Year 11

An overall assessment of the Village of Long Grove's stormwater management program and the appropriateness of its BMPs is provided below.

In August 2012, SMC (i.e., the QLP) completed a minor revision of the SMPP template, which was last previously revised in April 2009, to provide additional guidance on addressing the annual program assessment requirements of IEPA's General NPDES Permit No. ILR40. The

Village of Long Grove will review the revised SMPP template and will incorporate the changes that are applicable to its stormwater management program into its SMPP. Those changes will likely include the addition of a process for conducting an annual evaluation of its stormwater management activities (i.e., BMPs) and the appropriateness of its stormwater management program. The Village of Long Grove anticipates that, in the future, it will begin using such a process to evaluate the appropriateness of its stormwater management program.

The program evaluation and the monitoring efforts including the water quality sampling work were proposed to the Village. The Village will approve the work to be completed in 2014.

Part C. MS4 Information and Data Collection Results, Year 11

Annual Monitoring and Data Collection, Year 11

Information and data that the Long Grove collected to meet the annual monitoring requirement of IEPA's General NPDES Permit No. ILR40 are summarized below.

The Village worked with Lake SMC and Buffalo Creek Watershed Partnership in cooperative efforts.

Potential water quality sampling locations upstream and downstream of the Long Grove's stormwater discharges were identified and approved by the Village. Of these, 5 locations were selected for inclusion in the Long Grove's annual monitoring program. Test kits for copper, phosphate, chlorine, ammonia, alkalinity, and pH will be obtained and annual monitoring of these parameters at the selected sampling locations will begin in Year 12. Noticeable increases in any of the water quality parameters between the upstream and downstream sampling locations will be documented. Possible causes of any increases will be investigated and any appropriate corrective actions will be incorporated into the Long Grove's Stormwater Management Program Plan (SMPP).

IDDE Monitoring and Data Collection, Year 11

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

Due to budgetary constraints, no additional dry weather flow investigations were conducted during Year 11. However, during Year 12, the Village of Long Grove anticipates that it will continue its dry weather flow investigations and associated water quality testing in accordance with the procedures outlined in its SMPP.

Part D. MS4 Summary of Year 12 Stormwater Activities

The table below indicates the stormwater management activities that the MS4 plans to undertake during Year 12. Additional information about the BMPs and measurable goals that the Village of Long Grove will implement during Year 12 is provided in the section following the table.

Note: X indicates BMPs that will be implemented during Year 12

Year 12	
MS4	
A. Public Education and Outreach	
X	A.1 Distributed Paper Material
	A.2 Speaking Engagement
	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	
	B.1 Public Panel
X	B.2 Educational Volunteer
X	B.3 Stakeholder Meeting
X	B.4 Public Hearing
X	B.5 Volunteer Monitoring
X	B.6 Program Coordination
X	B.7 Other Public Involvement
C. Illicit Discharge Detection and Elimination	
X	C.1 Storm Sewer Map Preparation
X	C.2 Regulatory Control Program
X	C.3 Detection/Elimination Prioritization Plan
X	C.4 Illicit Discharge Tracing Procedures
X	C.5 Illicit Source Removal Procedures
X	C.6 Program Evaluation and Assessment
X	C.7 Visual Dry Weather Screening
X	C.8 Pollutant Field Testing
X	C.9 Public Notification
	C.10 Other Illicit Discharge Controls

Year 12	
MS4	
D. Construction Site Runoff Control	
X	D.1 Regulatory Control Program
X	D.2 Erosion and Sediment Control BMPs
X	D.3 Other Waste Control Program
X	D.4 Site Plan Review Procedures
X	D.5 Public Information Handling Procedures
X	D.6 Site Inspection/Enforcement Procedures
	D.7 Other Construction Site Runoff Controls
E. Post-Construction Runoff Control	
	E.1 Community Control Strategy
X	E.2 Regulatory Control Program
X	E.3 Long Term O&M Procedures
X	E.4 Pre-Const Review of BMP Designs
X	E.5 Site Inspections During Construction
X	E.6 Post-Construction Inspections
X	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
X	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

Please note that the most recent version of IEPA's General NPDES Permit No. ILR40 (Permit) expired on March 31, 2014, and that the new version of the Permit, which will likely be issued during Year 12, has not yet been released to the public. Although it is difficult to accurately predict the changes that IEPA will make to the new version of the Permit, the Village of Long Grove remains committed to performing activities related to the six MCMs described in the most recent version of the Permit.

During Year 12, the Village of Long Grove plans to continue to perform a variety of stormwater management activities, as described in detail in the Village of Long Grove's SMPP and in brief below. The Village of Long Grove's SMPP can be viewed at www.longgrove.net. The Village of Long Grove will continue to use tracking forms to track the implementation of the BMPs described in its SMPP.

A. Public Education and Outreach

The Village of Long Grove is committed to implementing the Public Education and Outreach component of its SMPP. The Village of Long Grove's Public Education and Outreach program includes: the distribution of educational material to the community or conducting equivalent outreach activities about the impacts of stormwater discharges on water bodies and the steps that the public can take to reduce those impacts; supporting classroom education; supporting storm drain stenciling efforts; and, supporting SWALCO events.

Measurable Goal(s): Implement, and track progress, of BMPs as described in the SMPP.

B. Public Participation/Involvement

The Village of Long Grove is committed to implementing the Public Participation/Involvement component of its SMPP. The Village of Long Grove's Public Participation/Involvement program includes: maintaining a process for receiving and processing citizen input; attending and publicizing stakeholder meetings; presenting program information at a public meeting at least once annually; and, publicizing IDDE reporting contact numbers.

Measurable Goal(s): Implement, and track progress, of BMPs as described in the SMPP.

C. Illicit Discharge Detection and Elimination

The Village of Long Grove will conduct activities related to the Illicit Discharge Detection and Elimination (IDDE) minimum control measure. According to IEPA's General NPDES Permit No. ILR40, the Village of Long Grove's IDDE program must include:

- A storm sewer system map showing the locations of all outfalls and the names and locations of all waters that receive discharges from those outfalls;
- An ordinance or other regulatory mechanism that prohibits all non-storm water discharges into the storm sewer system and provides the authority for appropriate enforcement procedures and actions;
- A plan to detect and address all non-stormwater discharges, including illegal dumping, into the storm sewer system;
- A program to educate public employees, businesses, and the general public about the

- hazards associated with illegal discharges and improper disposal of waste; and,
- Periodic (annual is recommended) inspection of storm sewer outfalls for detection of non-stormwater discharges and illegal dumping.

*Measurable Goal(s): Implement, and track progress, of BMPs as described in the SMPP.
Conduct dry weather screening and associated water quality testing in accordance with the procedures outlined in the SMPp for at least 5 local bodies of water*

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, which is administered and enforced within the community by the Village of Long Grove, establishes standards for construction site runoff control.

*Measurable Goal(s): Implement, and track progress, of BMPs as described in the SMPP.
Enforce WDO.*

E. Post-Construction Runoff Control

As described above, the countywide WDO establishes the minimum stormwater management requirements for development in Lake County. The WDO establishes standards for post-construction site runoff control. These standards apply to any new development or redevelopment resulting in over 0.5 acres of new impervious area. The Village of Long Grove's SMPP also includes inspection procedures for pre-WDO developments, streambanks and shorelines, streambeds, and detention/retention ponds.

*Measurable Goal(s): Implement, and track progress, of BMPs as described in the SMPP.
Enforce WDO.*

F. Pollution Prevention/Good Housekeeping

The Village of Long Grove is committed to implementing the Pollution Prevention/Good Housekeeping component of its SMPP. The Village of Long Grove's Pollution Prevention/Good Housekeeping program includes: the evaluation and improvement of municipal policies and procedures to reduce the discharge of pollutants from municipal activities and operations; and, a training program for municipal employees.

Measurable Goal(s): Implement, and track progress, of BMPs 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 subparts:

- **Part E1** identifies changes to Best Management Practices (BMPs) that occurred during Year 11 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 11.
- **Part E3** summarizes the information and data collected by the QLP during Year 11.
- **Part E4** describes the stormwater management activities that the QLP plans to undertake during Year 12.
- **Part E5** lists the construction projects that were funded by the QLP during Year 11.

Part E1. QLP Changes to Best Management Practices, Year 11

Note: X indicates BMPs that were implemented as planned
 ✓ indicates BMPs that were changed during Year 11

Year 11	
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 11	
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 11

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 11 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.

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.

A.3 Public Service Announcement

Measurable Goal(s): Include public service announcement highlighting community accomplishments related to IEPA's NPDES Stormwater Program in "Mainstream" once annually.

Post watershed identification signage with LCDOT.

Upon request, present "The Big Picture: Water Quality, Regulations & NPDES" to Lake County MS4s.

SMC includes announcements highlighting community accomplishments related to the NPDES Municipal Stormwater Program on its website, in its newsletter, and through other media outlets.

Watershed identification signage is located throughout the county.

SMC made the "The Big Picture: Water Quality, Regulations & NPDES" presentation available to Lake County MS4s upon request. According to records, between March 1, 2013 and February 28, 2014, no MS4s requested the presentation.

A.4 Community Event

Measurable Goal(s): Sponsor or co-sponsor workshop on a topic related to IEPA's NPDES Stormwater Program.

SMC sponsored or co-sponsored a number of workshops and events on stormwater-related topics between March 1, 2013 and February 28, 2014, including:

- **Presentation on Montgomery, IL Municipal Stormwater Maintenance Program at Mar. 13, 2013 MAC meeting**

- **Presentation on Gurnee, IL Municipal Stormwater Maintenance Program at Mar. 13, 2013 MAC meeting**
- **Webcast on Smart Stormwater Retrofitting in the Urban Environment on Mar. 13, 2013**
- **Webcast on Watershed Arithmetic: Crediting & Counting Your Watershed Practices Toward TMDL Goals on Apr. 17, 2013**
- **Homeowners Association (HOA) Stormwater Maintenance Workshop held on Apr. 14, 2013**
- **It's Our River Day Stream Cleanup in Highland Park, IL on May 11, 2013**
- **Rain Barrel Sale in Libertyville, IL on May 11, 2013**
- **Webcast on Please Come Audit My MS4 on May 15, 2013**
- **Designated Erosion Control Inspector (DECI) Workshop held on Jun. 5, 2013**
- **Presentation on Federal & Local Permit Requirements Associated with Dredging Projects at Jun. 12, 2013 MAC meeting**
- **Presentation on Davlin's Pond (Tower Lake) Dredging Project at Jun. 12, 2013 MAC meeting**
- **Webcast on Mastering the Language of Talking to Elected Officials on Jun. 19, 2013**
- **Presentation on Changes to the National Flood Insurance Program: Impact of the Biggert-Waters Act in Your Community at Sep. 11, 2013 MAC meeting**
- **Mill Creek Stream Cleanup in Gurnee, IL on Sep. 14, 2013**
- **Webcast on Combining Green and Gray in Combined Sewer Watersheds on Sep. 18, 2013**
- **Roadway De-Icing Workshop held on Oct. 1 & 2, 2013**
- **Webcast on Stormwater Trading: Markets or Mayhem? on Oct. 16, 2013**
- **Webcast on Stormwater Utilities: Reckoning the Cost Side of the Equation on Nov. 20, 2013**
- **Presentation on Maintenance of Post-Construction Stormwater BMPs at Dec. 11, 2013 MAC meeting**
- **Presentation on Illinois Coastal Management Program at Dec. 11, 2013 MAC meeting**
- **Webcast on Reimagining the Parking Lot & Roadway as a Stormwater Practice on Feb. 12, 2014**

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.

Stormwater educational materials were compiled for use at several public education events that were held between March 1, 2013 and February 28, 2014, including:

- **Lake County Strategic Plan Community Forums in Various Locations on Mar. 5 & 6, 2013, and Mar. 12 & 13, 2013**
- **Lake County Green Living Fair held in Libertyville, IL on Mar. 16, 2013**
- **Water Presentation held in Riverwoods, IL on Jun. 5, 2013**
- **Loch Lomond Property Owners Association's Loch Fest held in Mundelein, IL on Jul. 27, 2013**
- **North Park 10th Anniversary Celebration held in Lincolnshire, IL on Aug. 25, 2013**

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.*

As new information and resource materials become available, they are posted to the SMC website and/or distributed directly to Lake County MS4s.

SMC made the "The Big Picture: Water Quality, Regulations & NPDES" presentation available to Lake County MS4s upon request. According to records, between March 1, 2013 and February 28, 2014, no MS4s requested the presentation.

B. Public Participation/Involvement

B.1 Public Panel

*Measurable Goal(s): Provide notice of public meetings on SMC website.
Track number of meetings conducted.*

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 10. According to records, there were 10 SMC meetings, 5 TAC meetings, 4 MAC meetings, and 1 WMB meeting conducted during this reporting period.

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.*

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 11:

- North Branch Chicago River Planning Committee – 4
- Skokie River Consortium – 1
- Mill Creek Watershed Planning Committee – 14
- Bull Creek/Bull's Brook Watershed Council – 4
- Buffalo Creek Clean Water Partnership – 4
- Flint Creek Watershed Partnership – 4
- Tower Lake Drain Watershed Partnership – 2
- 9 Lakes TMDL Implementation Planning Committee – 5

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 10.
Prepare annual report on Qualifying Local Program activities at end of Year 10.*

SMC tracked the number of Municipal Advisory Committee (MAC) meetings conducted during Year 11. According to records, there were 4 MAC meetings conducted during this reporting period.

The stormwater management activities that SMC performed as a QLP during Year 11 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 12 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.

SMC continues to enforce the countywide WDO.

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.

SMC sponsored or co-sponsored a number of workshops and events on stormwater-related topics between March 1, 2013 and February 28, 2014.

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.

SMC continues to enforce the countywide WDO.

SMC continues to administer the Designated Erosion Control Inspector (DECI) program as outlined by the WDO.

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.

SMC continues to enforce the countywide WDO.

The TRM is currently being updated to include guidance on the WDO amendments as well as ordinance administration and enforcement.

D.3 Other Waste Control Program

Measurable Goal(s): Enforce WDO provisions regarding the control of waste and debris at construction sites.

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.

SMC continues to track the number of enforcement officers (EOs) who have passed the EO exam and have become EOs. According to records, as of the end of Year 11, there were 82 EOs in Lake County.

SMC last completed a cycle of the community re-certification process, which included a performance review of all 53 certified and non-certified communities, during a previous reporting period (i.e., Year 9). In accordance with the amended countywide WDO, the next cycle of the community re-certification process is scheduled to be completed in 2017.

The TRM is currently being updated to include guidance on the WDO amendments 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.

SMC continues to track the number of complaints received and processed related to soil erosion and sediment control. According to records, between March 1, 2013 and February 28, 2014, 0 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.

SMC continues to track the number of site inspections conducted by SMC staff. According to records, between March 1, 2013 and February 28, 2014, 531 site inspections were conducted by SMC staff.

E. Post-Construction Runoff Control

E.2 Regulatory Control Program

Measurable Goal(s): Continue to enforce the countywide WDO.

SMC continues to enforce the countywide WDO.

E.3 Long Term O&M Procedures

Measurable Goal(s): Continue to enforce the countywide WDO.

SMC continues to enforce the countywide WDO.

E.4 Pre-Construction Review of BMP Designs

Measurable Goal(s): Continue to enforce the countywide WDO.

SMC continues to enforce the countywide WDO.

E.5 Site Inspections During Construction

Measurable Goal(s): Continue to enforce the countywide WDO.

SMC continues to enforce the countywide WDO.

E.6 Post-Construction Inspections

Measurable Goal(s): Continue to enforce the countywide WDO.

SMC continues to enforce the countywide WDO.

E.7 Other Post-Construction Runoff Controls

Measurable Goal(s): Conduct annual WMB meeting.

Contribute funding to flood reduction and water quality improvement projects, including stormwater retrofits, through the WMB.

The annual WMB meeting was held on Dec. 12, 2013.

At the annual WMB meeting, 16 flood reduction and water quality improvement

projects, including stormwater retrofit projects, were selected to receive just over \$177,000 of funding through the WMB.

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 software.

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, 2013 and February 28, 2014.

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, 2013 and February 28, 2014, 1 MS4 borrowed the Excal Visual software.

F.5 Flood Management/Assess Guidelines

Measurable Goal(s): Track number of projects that are reviewed for multi-objective opportunities.

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

Part E3. QLP Information and Data Collection Results, Year 11

The QLP did not collect any monitoring data on behalf of Lake County's MS4s during Year 11. However, SMC has reviewed information presented by the Illinois EPA in the 2012 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 April 2014

This brief report is based on information contained in the Illinois EPA's 2012 Illinois Integrated Water Quality Report and Section 303(d) List, dated December 20, 2012. Its purpose is to provide basic information to Lake County's MS4 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 2012 Illinois Integrated Water Quality Report and Section 303(d) List.

Streams

An analysis of data accompanying the Illinois EPA's 2012 Illinois Integrated Water Quality Report and Section 303(d) List shows that 183 stream miles in Lake County have been assessed by the Illinois EPA for attainment of at least one designated use. The degree of support (attainment) of a designated use in a particular stream segment is determined by the Illinois EPA through an analysis of various types of information, including biological, physicochemical, physical habitat, and toxicity data. When sufficient data are available, the Illinois EPA assesses each applicable designated use in a particular stream segment as Fully Supporting (good), Not Supporting (fair), or Not Supporting (poor). Waters in which at least one applicable use is not fully supported are called "impaired."

An analysis of data accompanying the Illinois EPA's 2012 Illinois Integrated Water Quality Report and Section 303(d) List shows that 139 stream miles (of the 183 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.

Lakes

An analysis of data accompanying the Illinois EPA's 2012 Illinois Integrated Water Quality Report 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. As with streams, the degree of support (attainment) of a designated use in a particular lake is determined by the Illinois EPA through an analysis of various types of information, including biological, physicochemical, physical habitat, and toxicity data. When sufficient data are available, the Illinois EPA assesses each applicable designated use in a particular lake as Fully Supporting (good), Not Supporting (fair), or Not Supporting (poor). Waters in which at least one applicable use is not fully supported are called "impaired."

An analysis of data accompanying the Illinois EPA's 2012 Illinois Integrated Water Quality Report and Section 303(d) List shows that 134 inland lakes in Lake County are considered impaired by the Illinois EPA. These lakes have been mapped and are shown in Figure E3.1.

Lake Michigan

Lake Michigan is monitored annually through a cooperative agreement between the City of Chicago and the Illinois EPA. Bordering Cook and Lake Counties, the State of Illinois has jurisdiction over approximately 1,526 square miles of open water, 2.62 square miles of bays and harbors, and 63 shoreline miles of Lake Michigan.

196 square miles of open water of Lake Michigan, or about thirteen percent of the total open water located within Illinois, were assessed for the Illinois EPA's 2012 Illinois Integrated Water Quality Report and Section 303(d) List, and all 196 assessed square miles were rated as Fully Supporting for the following uses: aesthetic quality, aquatic life use, primary contact use, secondary contact use, and public and food processing water supply use. However, fish consumption use in all 196 assessed square miles of open water was rated as Not Supporting due to contamination from polychlorinated biphenyls (PCBs) and mercury.

A portion of all 2.62 square miles of bays and harbors of Lake Michigan located in Illinois were assessed for the Illinois EPA's 2012 Illinois Integrated Water Quality Report and Section 303(d) List for several different designated uses. 66.7 percent of the square miles of bays and harbors assessed for aesthetic quality (i.e., 1.2 of 1.8 sq. mi.) were rated as Fully Supporting, while the remaining 33.3 percent (i.e., 0.6 of 1.8 sq. mi.) were rated as Not Supporting. 97.6 percent of the square miles of bays and harbors assessed for aquatic life use (i.e., 2.52 of 2.58 sq. mi.) were rated as Fully Supporting, while the remaining 2.4 percent (i.e., 0.06 of 2.58 sq. mi.) were rated as Not Supporting. 100 percent of the square miles of bays and harbors assessed for fish consumption (i.e., 2.62 of 2.62 sq. mi.), were rated as Not Supporting. Potential causes of impairment in the bays and harbors of Lake Michigan located in Illinois include contamination from polychlorinated biphenyls (PCBs), mercury, bottom deposits, lead, zinc, cadmium, arsenic, phosphorus, copper, and chromium.

A portion of all 63 shoreline miles of Lake Michigan located in Illinois were assessed for the Illinois EPA's 2012 Illinois Integrated Water Quality Report and Section 303(d) List for several different designated uses. All 63 of the shoreline miles assessed for fish consumption and primary contact use were rated as Not Supporting due to bacterial contamination from *Escherichia coli* (*E. coli*) bacteria and contamination from polychlorinated biphenyls (PCBs) and mercury.

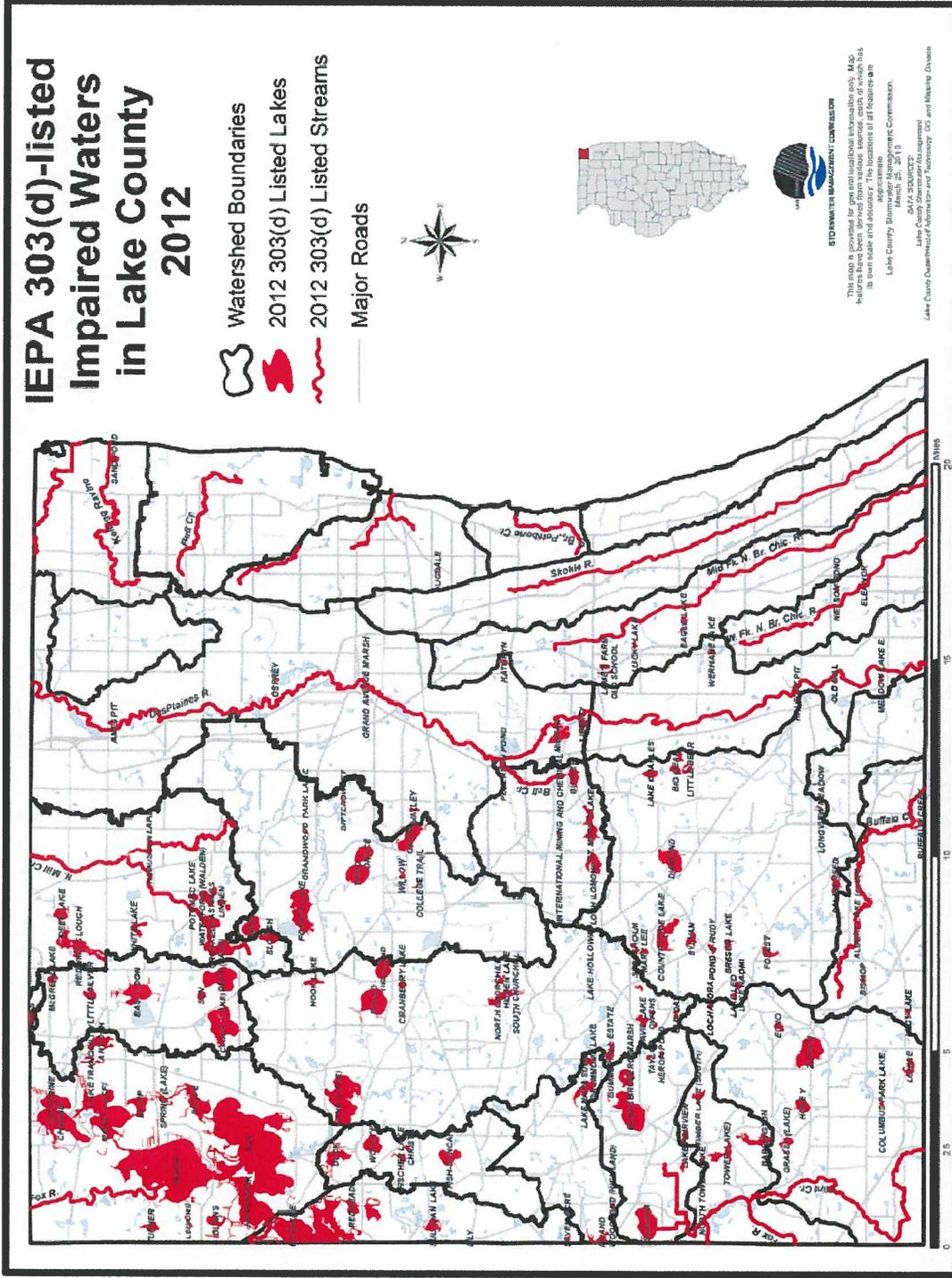


Figure E3.1

Part E4. QLP Summary of Year 12 Stormwater Activities

The table below indicates the stormwater management activities that the QLP plans to undertake during Year 12. Additional information about the BMPs and measurable goals that the QLP will implement during Year 12 is provided in the section following the table.

Note: X indicates BMPs that will be implemented during Year 12

Year 12	
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 12	
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

Please note that the most recent version of IEPA's General NPDES Permit No. ILR40 (Permit) expired on March 31, 2014, and that the new version of the Permit, which will likely be issued during Year 12, has not yet been released to the public. Although it is difficult to accurately predict the changes that IEPA will make to the new version of the Permit, SMC remains committed to performing activities related to the six MCMs described in the most recent version of the Permit.

During Year 12, SMC plans to continue to perform a variety of stormwater management activities, as described in more detail below. In addition to the stormwater management activities described below, SMC will continue to provide general support to Lake County MS4s as they continue to implement their stormwater management programs.

A. Public Education and Outreach

SMC will support Lake County MS4s by performing activities related to the Public Education and Outreach minimum control measure, as described below.

A.1 Distributed Paper Material

SMC develops and distributes a variety of materials related to stormwater management in Lake County. SMC has produced a number of pamphlets and brochures related to stormwater management and BMPs and prepares a quarterly newsletter, "Mainstream," as well as an Annual Report, that highlight stormwater management activities conducted in Lake County. SMC also prepares project fact sheets that provide information on ongoing and recently completed stormwater management projects. In addition, SMC has developed or collaborated on a number of manuals related to stormwater management, such as "Riparian Areas Management: A Citizen's Guide," "A Citizen's Guide to Maintaining Stormwater Best Management Practices," and the "Streambank Stabilization Manual," and will continue to develop or collaborate on such manuals or manual updates.

Measurable Goal(s): Distribute informational materials from "take away" rack at SMC. Upon request, distribute materials directly to municipalities for local distribution.

A.3 Public Service Announcement

A public service announcement related to IEPA's NPDES Stormwater Program will be written and included in SMC's Quarterly Newsletter, "Mainstream." SMC will coordinate with the Lake County Department of Transportation (LCDOT) to post watershed identification signage in watersheds where watershed planning activities occur. Upon request, SMC will provide an educational presentation on IEPA's NPDES Stormwater Program to Lake County MS4s.

Measurable Goal(s): Include public service announcement highlighting community accomplishments related to IEPA's NPDES Stormwater Program in "Mainstream" once annually. Post watershed identification signage with LCDOT. Upon request, present "The Big Picture: Water Quality, Regulations & NPDES" to Lake County MS4s.

A.4 Community Event

SMC sponsors and co-sponsors technical training and public awareness workshops. 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 best management practices that can be used to protect water quality.

Measurable Goal(s): Sponsor or co-sponsor workshop on a topic related to IEPA's NPDES Stormwater Program.

A.5 Classroom Education

SMC will contribute to the development and compilation of a stormwater educational material kit for local teachers.

*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.*

A.6 Other Public Education

SMC maintains a website that provides many resources for citizens, developers, engineers, and municipalities. The website includes pages such as "Citizens Assistance," "Watershed Planning," "Projects," "Best Management Practices," "Publications," "Press Releases," and "Links." These pages provide notices of upcoming meetings and ongoing projects, publications, allow for download of many SMC documents, and provide links to other NPDES Stormwater Program and BMP resources. In addition to the resources available through the website, SMC will make an educational presentation on IEPA's NPDES Stormwater Program available to Lake County MS4s.

*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.*

B. Public Participation/Involvement

SMC will support Lake County MS4s by performing activities related to the Public Participation/Involvement minimum control measure, as described below.

B.1 Public Panel

SMC coordinates and conducts public meetings as well as committee meetings that include public representation. A monthly Stormwater Management Commission meeting is open to the public and involves the SMC Board of Commissioners, which includes six municipal representatives and six county board members.

The Technical Advisory Committee (TAC) was created in 1992 to assist in the development, review, and revision of the Watershed Development Ordinance (WDO) and the associated administrative policies and procedures. TAC is made up of representatives from the development, environmental, municipal, and consulting engineering fields. TAC meetings are held monthly or on an as-needed basis.

The Municipal Advisory Committee (MAC) is made up of municipal, township, drainage district, consulting firm, and county representatives. MAC has worked to discuss, coordinate, and collaborate on the implementation of IEPA's NPDES Municipal Stormwater Program. MAC will continue to meet as needed to assist Lake County MS4s with the implementation of IEPA's NPDES Municipal Stormwater Program.

The Watershed Management Board (WMB) meets annually to make recommendations on BMP project funding. Members include chief municipal elected officials, township supervisors, drainage district chairs, and county board members from each district within each of Lake County's four major watersheds.

*Measurable Goal(s): 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 stakeholders. Stakeholders may include municipalities, townships, drainage districts, homeowner associations, developers, county agencies, lakes management groups, landowners, and local, state, and federal agencies.

*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.*

B.6 Program Coordination

The countywide approach that has been taken toward the implementation of IEPA's NPDES Municipal Stormwater Program in Lake County places SMC in the role of a Qualifying Local Program (QLP). In this role, SMC proactively formed the Municipal Advisory Committee (MAC) as a way to coordinate the efforts of Lake County MS4s during implementation of their stormwater management programs. SMC will continue to facilitate MAC meetings and will continue to provide general support to Lake County MS4s during implementation of their stormwater management programs. SMC will prepare an annual report on the QLP's 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 during Year 11.
Prepare annual report on Qualifying Local Program activities at end of Year 11.*

C. Illicit Discharge Detection and Elimination

SMC will support Lake County MS4s by performing activities related to the Illicit Discharge Detection and Elimination minimum control measure, as described below.

C.2 Regulatory Control Program

SMC provided model ordinances for MS4s to consider at the local level. The language included in the model ordinances prohibits all non-stormwater discharges, including illegal dumping, to the storm sewer system. Additionally, the countywide WDO includes provisions that prohibit illegal discharges to the storm sewer system during construction.

Measurable Goal(s): Continue to enforce the countywide WDO.

C.10 Other Illicit Discharge Controls

SMC sponsors and co-sponsors technical training workshops. SMC will sponsor or co-sponsor an illicit discharge detection and elimination workshop or other training workshop related to IEPA's NPDES Stormwater Program and track the number of attendees that attend the workshop.

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.

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, which is enforced by SMC, as well as by certified communities in Lake County, establishes standards for construction site runoff control. SMC will support Lake County MS4s in the implementation of the construction site runoff control minimum control measure by enforcing the WDO and performing other stormwater activities, as described below.

D.1 Regulatory Control Program

The WDO has been adopted as the regulatory mechanism that requires erosion and sediment controls for construction activities in Lake County. The soil erosion and sediment control performance standards are included in Article IV, Section B.1.j. of the WDO. At a minimum, these standards apply to any development that hydrologically disturbs 5,000 square feet or more.

SMC has also created a Designated Erosion Control Inspector (DECI) program. The purpose of the program is to facilitate positive communication between the permit issuing agency, whether it be SMC or a certified community, and the permit holder, by creating a single point of contact for soil erosion and sediment control issues. Furthermore, the program is intended to improve site conditions, minimize environmental impacts, and educate contractors, developers, and inspectors about proper soil erosion and sediment control BMPs. The DECI

program was designed to closely mirror the inspection requirements of IEPA's General NPDES Permit No. ILR10.

*Measurable Goal(s): Continue to enforce the countywide WDO.
Administer the Designated Erosion Control Inspector (DECI) program outlined by the WDO.*

D.2 Erosion and Sediment Control BMPs

Article IV, Section B.1.j of the WDO specifies the soil erosion and sediment control measures that must be used in conjunction with any land disturbing activity. This section of the WDO specifies soil erosion and sediment control BMPs including: minimize soil disturbance; protect adjoining properties from erosion and sedimentation; complete installation of soil erosion and sediment control features prior to commencement of hydrologic disturbance; stabilize disturbed areas within 7 days of active disturbance; avoid disturbance of streams whenever possible; use controls that are appropriate for the size of the tributary drainage area; protect functioning storm sewers from sediment; prevent sediment from being tracked onto adjoining streets; limit earthen embankments to slopes of 3H:1V; identify soil stockpile areas; and utilize statewide standards and specifications as guidance for soil erosion and sediment control.

SMC has also prepared a Technical Reference Manual (TRM) to accompany the WDO. The TRM is used to guide the creation of development plans that are in compliance with the provisions of the WDO and provides detailed information on the use of soil erosion and sediment control BMPs. The TRM is currently being updated to include guidance on wetland areas, public roadways, and ordinance administration and enforcement.

*Measurable Goal(s): Continue to enforce the countywide WDO.
Complete TRM update and work toward final approval and publication of the document.*

D.3 Other Waste Control Program

The WDO includes provisions regarding the control of waste and debris at construction sites.

Measurable Goal(s): Enforce WDO provisions regarding the control of waste and debris at construction sites.

D.4 Site Plan Review Procedures

Within each jurisdiction, one of the primary duties of the enforcement officer is to review all Watershed Development Permit applications and to issue permits for those projects that are in compliance with the provisions of the WDO. SMC provides training for all new enforcement officers and enforcement officers must pass an exam in order to be certified. SMC periodically reviews all certified communities' enforcement records and performance. Ongoing updates to the TRM include the addition of sections that discuss WDO administration and enforcement.

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.*

D.5 Public Information Handling Procedures

SMC provides a number of opportunities for the receipt and consideration of information submitted by the public. SMC's Citizen Inquiry Response System (CIRS) documents and tracks the resolution of reported problems and citizen complaints. SMC's website provides information on "who to call" for various problems and concerns. An Interagency Coordination Agreement between SMC, the US Army Corps of Engineers, and the National Resources Conservation Service specifies that if any of these agencies receive a report of a soil erosion and sediment control issue, they will contact SMC. SMC will then investigate the report and prescribe corrective actions. This information is provided directly to the property owner. Where applicable, investigations are coordinated with certified communities.

Measurable Goal(s): Track number of complaints received and processed related to soil erosion and sediment control.

D.6 Site Inspection/Enforcement Procedures

Article VI of the WDO provides both the recommended and minimum requirements for site inspections. The enforcement officers within each certified community must conduct these site inspections; SMC is responsible for conducting site inspections in non-certified communities and on Lake County Division of Transportation (LCDOT) and Lake County Forest Preserve District (LCFPD) projects.

Article VII of the WDO specifies the penalties and legal actions that may be imposed if the WDO is violated. If a construction site is not in compliance with the requirements of the WDO, the enforcement officer may issue a stop work order on all development activity on the subject property or on the activities that are in direct violation of the WDO. In addition, failure to comply with any of the requirements of the WDO constitutes a violation, and any person convicted thereof may be fined.

Measurable Goal(s): Track number of site inspections conducted.

E. Post-Construction Runoff Control

As described above, the Lake County Watershed Development Ordinance (WDO) establishes the minimum stormwater management requirements for development in Lake County. The WDO establishes standards for post-construction runoff control. These standards apply to any new development or redevelopment that results in over 0.5 acres of new impervious area. SMC will support Lake County MS4s in the implementation of the post-construction runoff control minimum control measure by enforcing the WDO and performing other stormwater activities, as described below.

E.2 Regulatory Control Program

The WDO requires all applicants to adopt a stormwater management strategy for controlling post-construction stormwater runoff. The applicant must develop a stormwater management

strategy that minimizes increases in stormwater runoff rates and volumes and addresses the water quality treatment requirements of the WDO. The proposed drainage plan must use the runoff reduction hierarchy included in the WDO and must implement BMPs in accordance with the guidance provided in the TRM.

Measurable Goal(s): Continue to enforce the countywide WDO.

E.3 Long Term O&M Procedures

The WDO requires that a maintenance plan be developed for all stormwater management systems designed to serve major developments (as defined by the WDO). The maintenance plan must include: maintenance tasks; the party responsible for performing the maintenance tasks; a description of all permanent public or private access maintenance easements, overland flow paths, and compensatory storage areas; and a description of dedicated sources of funding for the required maintenance. The TRM includes a sample maintenance plan. The WDO also requires that all stormwater management systems be located within a deed or plat restriction to ensure perpetuity and access for maintenance.

Measurable Goal(s): Continue to enforce the countywide WDO.

E.4 Pre-Construction Review of BMP Designs

Within each jurisdiction, one of the primary duties of the enforcement officer is to review all Watershed Development Permit applications and to issue permits for those projects that are in compliance with the provisions of the WDO. This includes a review of the BMPs that will be used for post-construction runoff control.

Measurable Goal(s): Continue to enforce the countywide WDO.

E.5 Site Inspections During Construction

Article VI of the WDO provides both the recommended and minimum requirements for site inspections. The enforcement officers for each certified community must conduct these site inspections. Enforcement officers may inspect developments at any stage in the construction process. For major developments, the enforcement officer shall conduct site inspections, at a minimum, upon completion of installation of sediment and runoff control measures and after final stabilization and landscaping, prior to the removal of sediment controls.

Measurable Goal(s): Continue to enforce the countywide WDO.

E.6 Post-Construction Inspections

Article VI of the WDO provides both the recommended and minimum requirements for site inspections. The enforcement officers for each certified community must conduct these site inspections. Enforcement officers may inspect developments at any stage of the construction process, including final stabilization and landscaping. For major developments, the enforcement officer shall conduct site inspections, at a minimum, upon completion of installation of sediment and runoff control measures and after final stabilization and landscaping, prior to the removal of sediment controls.

Measurable Goal(s): Continue to enforce the countywide WDO.

E.7 Other Post-Construction Runoff Controls

Through the Watershed Management Board (WMB), SMC provides partial funding for flood control and 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 project funding. Members of the WMB include chief municipal elected officials, township supervisors, drainage district chairs, 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 improved water quality in Lake County's streams, lakes, and wetlands and have enhanced existing stormwater management facilities.

*Measurable Goal(s): Conduct annual WMB meeting.
Contribute funding to flood reduction and water quality improvement projects, including stormwater retrofits, through the WMB.*

F. Pollution Prevention/Good Housekeeping

SMC will support Lake County MS4s by performing activities related to the Pollution Prevention/Good Housekeeping minimum control measure.

F.1 Employee Training Program

SMC will assist MS4s with their employee training programs by incorporating recommended actions into the SMPP template. Additionally, SMC will serve as a technical advisor and as a clearinghouse of information related to employee training. SMC will sponsor or co-sponsor employee training workshops or events.

*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 software.*

F.5 Flood Management/Assess Guidelines

By adopted policy in the Lake County Stormwater Management Plan, SMC's standard operating procedure is to assess the feasibility of implementing water quality functions in all flood control designs. SMC will evaluate all SMC-sponsored projects for multi-objective opportunities.

Measurable Goal(s): Track number of projects that are reviewed for multi-objective opportunities.

**ATTCHMENT A:
2014 Drainage Atlas**

**ATTACHMENT B:
2013 Village of Long Grove Development Permit Review Tracking Form**

**ATTACHMENT C:
2013 Village of Long Grove Soil Erosion and Sediment Control Inspection Form**

**Attachment B
2013 Village of Long Grove Development Permit Review Tracking Form**

BG#	Permit Number	PROJECT DESCRIPTION	REVIEWED BY	Status	DEVELOPMENT CONDITION	First Review		Final
						Rec'd	Returned	
329 SMR	A2012-09-055	4507 N. Krueger Road	ESI	Permitted with Conditions	<u>Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)</u>	9/18/2012	10/2/2012	8/22/2013
333 SMR	A2012-10-059	7298 Claridge Court	ESI	Resubmittal Required	<u>Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)</u>	10/16/2012	11/7/2012	11/29/2012
343 SMR	A2013-01-001	Outlot A Eastgate Estates	ESI	Permitted	<u>Exempt. Watershed Development Permit Not Required (IV.A.2)</u>	1/17/2013	1/21/2013	
344 SMR	A2013-01-002	7282 Asbury Court	ESI	Permitted	<u>Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)</u>	1/21/2013	1/29/2013	
345 SMR	A2013-01-003	6874 Ellis Ave	ESI	Permitted with Conditions	<u>Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)</u>	1/25/2013	1/29/2013	
346 SMR	A2013-03-004	1861 Pheasant Run	ESI	Permitted	<u>Exempt. Watershed Development Permit Not Required (IV.A.2)</u>	2/21/2013	3/11/2013	
350 SMR	A2013-03-005	8106 Boulder Court- hardscape	ESI	Permitted	<u>Exempt. Watershed Development Permit Not Required (IV.A.2)</u>	3/19/2013	3/26/2013	
348 SMR	A2013-03-006	4322 Willowbrook Dr	ESI	Permitted with Conditions	<u>Major Development inside the floodplain (IV.A., IV.B., IV.C., IV.D., IV.G.)</u>	3/13/2013	3/28/2013	
351 SMR	A2013-03-007	7310 Greenbridge Lane	ESI	Permitted	<u>Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)</u>	3/25/2013	4/3/2013	4/3/2013
352 SMR	A2013-03-008	7247 Greywall Court	ESI	Permitted	<u>Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)</u>	3/25/2013	4/9/2013	4/9/2013
353 SMR	A2013-03-009	3239 Victorian Drive	ESI	Permitted	<u>Exempt. Watershed Development Permit Not Required (IV.A.2)</u>	3/27/2013	4/4/2013	
355 SMR	A2013-04-010	3516 Woodland Lane	ESI	Permitted	<u>Exempt. Watershed Development Permit Not Required (IV.A.2)</u>	4/3/2013	4/15/2013	
357 SMR	A2013-04-011	1548 Chickamauga Lane	ESI	Permitted	<u>Exempt. Watershed Development Permit Not Required (IV.A.2)</u>	4/15/2013	4/23/2013	
358 SMR	A2013-04-012	4937 Thimbleweed Court	ESI	Permitted with Conditions	<u>Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)</u>	4/15/2013	5/1/2013	
356 SMR	A2013-04-013	5185 Eastgate Estates	ESI	Permitted	<u>Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)</u>	4/10/2013	4/29/2013	
361 SMR	A2013-04-014	4647 Lake Point Circle	ESI	Permitted	<u>Exempt. Watershed Development Permit Not Required (IV.A.2)</u>	4/22/2013	5/2/2013	5/2/2013
363 SMR	A2013-04-015	7200 Daybreak lane	ESI	Permitted	<u>Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)</u>	4/29/2013	5/3/2013	5/3/2013

362 SMR	A2013-04-016	7311 Greenbridge Lane	ESI	Permitted	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	4/29/2013	5/3/2013	5/3/2013
368 SMR	A2013-04-017	Gilmer Road Drain Tile	ESI	Permitted	Exempt, Watershed Development Permit Not Required (IV.A.2)	4/17/2013	5/9/2013	5/9/2013
366 SMR	A2013-05-018	4859 Christine Court	ESI	Permitted	Exempt, Watershed Development Permit Not Required (IV.A.2)	5/7/2013	5/14/2013	5/14/2013
367 SMR	A2013-05-019	4332 Half Day Road-Hardscape	ESI	Permitted	Exempt, Watershed Development Permit Not Required (IV.A.2)	5/7/2013	5/17/2013	5/17/2013
364 SMR	A2013-05-020	3100 Old McHenry Road	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	5/1/2013	5/30/2013	6/10/2013
365 SMR	A2013-06-021	6321 Farmwood Drive	ESI	Permitted	Exempt, Watershed Development Permit Not Required (IV.A.2)	5/22/2013	6/3/2013	6/3/2013
369 SMR	A2013-06-022	4320 Willowbrook Road	ESI	Permitted	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	5/16/2013	6/11/2013	7/30/2013
370 SMR	A2013-06-023	8107 Boulder Court (SMR-2)	ESI	Permitted	Exempt, Watershed Development Permit Not Required (IV.A.2)	6/8/2013	6/11/2013	6/11/2013
371 SMR	A2013-06-024	The Preserve at Long Grove	ESI			6/8/2013	6/14/2013	8/15/2013
374 SMR	A2013-06-025	6908 Wildspring Lane	ESI	Permitted	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	5/20/2013	6/11/2013	7/3/2013
375 SMR	A2013-05-026	7265 Providence Court	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	5/29/2013	6/12/2013	6/12/2013
380 SMR	A2013-05-027	7270 Providence Court	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	5/29/2013	6/12/2013	6/12/2013
377 SMR	A2013-06-028	1368 Bridgewater Lane	ESI	Permitted	Exempt, Watershed Development Permit Not Required (IV.A.2)	6/3/2013	6/12/2013	6/12/2013
376 SMR	A2013-05-029	4926 Thimbleweed Trail	ESI	Permitted	Exempt, Watershed Development Permit Not Required (IV.A.2)	5/31/2013	6/12/2013	6/12/2013
373 SMR	A2013-06-030	7297 Claridge Court	ESI	Permitted	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	6/7/2013	6/12/2013	7/8/2013
379 SMR	A2013-06-031	5876 Teal Lane	ESI	Permitted	Exempt, Watershed Development Permit Not Required (IV.A.2)	6/6/2013	6/13/2013	6/13/2013
378 SMR	A2013-05-032	1514 Sumter Drive	ESI	Permitted	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	5/9/2013	6/13/2013	6/25/2013
372 SMR	A2013-05-033	8200 N Midlothian Road	ESI	Resubmittal Required	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	5/17/2013	6/14/2013	9/4/2013
381 SMR	A2013-06-034	7285 Asbury Court	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	6/21/2013	7/3/2013	7/3/2013
382 SMR	A2013-06-035	7290 Claridge Court	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	6/26/2013	7/3/2013	7/3/2013

383 SMR	A2013-06-036	7238 Greywall Court	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	6/26/2013	7/9/2013	8/6/2013
384 SMR	A2013-06-037	7210 Daybreak Lane	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	6/27/2013	7/9/2013	8/6/2013
385 SMR	A2013-06-038	7287 Greenbridge Lane	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	6/27/2013	7/9/2013	7/9/2013
386 SMR	A2013-06-39	7308 Greenbridge Lane	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	6/27/2013	7/8/2013	7/8/2013
387 SMR	A2013-06-40	7239 Greywall Court	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	6/27/2013	7/8/2013	7/8/2013
388 SMR	A2013-06-41	7289 Claridge Court	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	6/27/2013	7/8/2013	7/8/2013
389 SMR	A2013-07-42	6552 Stockbridge Lane	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	7/12/2013	7/29/2013	7/29/2013
390 SMR	A2013-07-43	4718 Wellington Drive	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	7/25/2013	7/29/2013	7/29/2013
392 SMR	A2013-07-45	4332 Half Day Road (IL RTE 22)	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	7/25/2013	7/29/2013	7/29/2013
393 SMR	A2013-07-46	6714 Indian Lane	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	7/26/2013	7/28/2013	7/28/2013
394 SMR	A2013-07-47	5189 Eastgate Lane	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	7/29/2013	7/28/2013	7/28/2013
395 SMR	A2013-07-48	5635 Oakwood Circle-Deck	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	7/29/2013	8/1/2013	8/1/2013
396 SMR	A2013-07-49	6773 Creekside-Hardscape	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	7/29/2013	8/1/2013	8/1/2013
391 SMR	A2013-07-44	7282 Asbury Court-Hardscape	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	7/29/2013	8/1/2013	8/1/2013
397 SMR	A2013-08-050	4122 Three lakes Drive	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	8/9/2013	8/23/2013	8/23/2013
398 SMR	A2013-08-051	2535 Shenandoah Lane	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	8/9/2013	8/23/2013	8/23/2013
399 SMR	A2013-08-052	5147 Bridlewood Lane	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	8/9/2013	8/23/2013	8/23/2013
400 SMR	A2013-08-053	5183 Eastgate Lane- Pool	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	8/15/2013	8/26/2013	8/26/2013

401 SMR	A2013-08-054	7280 Asbury Court	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	8/15/2013	8/26/2013	8/26/2013
402 SMR	A2013-08-055	1209 Grant Place	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	8/15/2013	8/26/2013	8/26/2013
403 SMR	A2013-08-056	Pub 83	ESI	Resubmittal Required	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	9/5/2013	9/24/2013	
404 SMR	A2013-09-057	1240 Antietam Drive	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	8/26/2013	9/17/2013	9/17/2013
405 SMR	A2013-09-058	5217 Briarcrest Lane	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	8/26/2013	9/17/2013	9/17/2013
406 SMR	A2013-09-059	7257 Litchfield Court	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	8/26/2013	9/12/2013	9/12/2013
407 SMR	A2013-09-060	1765 Country Club Drive	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	8/30/2013	9/18/2013	9/18/2013
408 SMR	A2013-09-061	4824 Darlene Court	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	9/5/2013	9/9/2013	9/9/2013
409 SMR	A2013-09-062	4101 Robert Parker Coffin Road	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	9/6/2013	9/9/2013	9/9/2013
410 SMR	A2013-09-063	6210 Pine tree Drive	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	9/20/2013	9/30/2013	9/30/2013
411 SMR	A2013-09-064	7252 Litchfield Court	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	9/20/2013	9/30/2013	9/30/2013
412 SMR	A2013-09-065	7262 Providence Court	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	9/23/2013	10/1/2013	10/1/2013
413 SMR	A2013-10-066	Sunset Grove Building A	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	10/4/2013	10/10/2013	12/12/2013
414 SMR	A2013-10-067	4761 Wellington Drive	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	10/2/2013	10/4/2013	10/4/2013
415 MR	A2013-10-068	5232 Southwell ct	ESI	Resubmittal Required	Exempt. Watershed Development Permit Not Required (IV.A.2)	10/2/2013	10/8/2013	12/18/2013
416 SMR	A2013-10-069	3250 Middlesax Drive	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	10/2/2013	10/8/2013	10/8/2013
417 SMR	A2013-10-070	Sunset Grove Building C	ESI	Permitted	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	10/12/2013	11/5/2013	1/17/2014
418 SMR	A2013-10-071	7266 Providence Ct	ESI	Permitted	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	10/12/2013	11/6/2013	12/5/2013

419 SMR	A2013-10-072	4591 Pamela Ct	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	10/16/2013	11/5/2013	11/5/2013	11/5/2013
420 SMR	A2013-10-073	6553 Stockbridge Lane	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	10/24/2013	11/8/2013	11/8/2013	11/8/2013
421 SMR	A2013-10-074	7313 Greenbridge Lane	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	10/28/2013	11/8/2013	11/8/2013	12/2/2013
422 SMR	A2013-10-075	4307 IL Route 22	ESI	Resubmittal Required	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	10/28/2013	11/19/2013	11/19/2013	
423 SMR	A2013-10-076	7247 Greywall Court	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	10/29/2013	11/13/2013	11/13/2013	11/13/2013
424 SMR	A2013-11-077	7206 Daybreak Lane- Patio	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	11/4/2013	11/7/2013	11/7/2013	11/7/2013
425 SMR	A2013-11-078	8022 Connor Drive	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	11/4/2013	11/19/2013	11/19/2013	11/19/2013
430 SMR	A2013-11-079	7225 Lenox Court	ESI	Permitted	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	11/19/2013	12/4/2013	12/4/2013	12/4/2013
431 SMR	A2013-11-080	3519 Woodland Lane	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	11/26/2013	12/9/2013	12/9/2013	3/5/2014
432 SMR	A2013-12-081	3859 Old McHenry Road	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	12/20/2013	1/2/2014	1/2/2014	1/2/2014
433 SMR	A2013-12-082	4759 Doncaster Court	ESI	Permitted with Conditions	Minor Development (IV.A., IV.B.)	12/20/2013	1/2/2014	1/2/2014	1/2/2014
434 SMR	A2014-02-001	6531 Saddle Ridge Lane	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	2/14/2014	2/19/2014	2/19/2014	2/19/2014
435 SMR	A2014-03-002	6217 Pine Cone Court	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	2/26/2014	3/3/2014	3/3/2014	3/3/2014
436 SMR	A2014-03-003	8132 Dannel Circle	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	3/12/2014	3/17/2014	3/17/2014	3/17/2014
437 SMR	A2014-03-004	5184 Eastgate Lane	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	3/12/2014	3/18/2014	3/18/2014	4/4/2014
438 SMR	A2014-03-005	5182 Eastgate Lane	ESI	Permitted with Conditions	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	3/19/2014	3/20/2014	3/20/2014	4/16/2014
439 SMR	A2014-03-006	6531 Saddle Ridge Lane	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	3/26/2014	3/27/2014	3/27/2014	3/27/2014
440 SMR	A2014-03-007	7208 Daybreak Lane	ESI	Resubmittal Required	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	3/26/2014	3/26/2014	3/31/2014	4/16/2014

443 SMR	A2014-04-008	5181 Eastgate Lane	ESI	Resubmittal Required	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	4/3/2014	4/8/2014	
445 SMR	A2014-04-009	5306 IL Route 83	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	4/16/2014	4/27/2014	4/27/2014
446 SMR	A2014-04-010	6919 Brookfield Court	ESI	Resubmittal Required	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	4/16/2014	5/7/2014	
450 SMR	A2014-05-011	5319 Oak Grove Drive	ESI	Resubmittal Required	Major Development inside the floodplain (IV.A., IV.B., IV.C., IV.D., IV.G.)	4/16/2014	5/8/2014	
451 SMR	A2014-05-012	7287 Greenbridge Lane	ESI	Resubmittal Required	Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	5/6/2014		
452 SMR	A2014-05-013	1147 Steeple View Drive	ESI		Hydrologically disturbs 5000 sq. ft. or more (IV.A.1.h)	5/6/2014		
453 SMR	A2014-05-014	6211 Pine Cone Court	ESI	Permitted	Exempt. Watershed Development Permit Not Required (IV.A.2)	5/6/2014		
454 SMR	A2014-05-015	4986 Trillium Trail	ESI			5/7/2014		
455 SMR	A2014-05-016	2237 Stayton Lane	ESI			5/13/2014		

**ATTACHMENT C
VILLAGE OF LONG GROVE
SOIL EROSION AND SEDIMENT CONTROL INSPECTION FORM**

BGF	Permit Number	Project Description	Preconstruction SESC			Construction SESC Inspections			Final SESC Inspection											
			Inspector	Date	Status	Inspector	Date	Status	Inspector	Date	Status									
203 SMR	A2010-10-024	6448 North Ridge Place	KS	7/12/2010	Fail	BR	7/19/2012	Fail	BR	7/30/2012	Fail	BTZ	#####	Fail	BR	7/17/2012	Fail	BW	5/20/2013	Pass
204 SMR	A2010-10-025	3376 McHenry Road			Exempt															
205 SMR	A2010-11-026	5142 Bridlewood Court			Exempt															
206 SMR	A2010-11-027	6556 Diamond Lake Road			Exempt															
207 SMR	A2010-11-028	4530 Eleanor Drive			Exempt															
208 SMR	A2010-11-029	6746 Lakeridge Drive			Exempt															
209 SMR	A2010-11-030	2312 Coach Road			Exempt															
211 SMR	A2010-11-032	6556 Diamond Lake Road			Exempt															
212 SMR	A2010-11-033	1514 Sumner Drive			Exempt															
214 SMR	A2011-01-001	6558 Diamond Lake Road			Exempt															
216 SMR	A2011-02-003	5183 Eastgate Lane	BTZ	5/27/2011	Fail	BTZ	6/6/2011	Pass	BW	9/14/2011	Fail	BR	#####	Pass	BW	7/17/2012	Fail	BW	5/20/2013	Pass
218 SMR	A2011-02-005	4804 Preserve Court (sunroom)			Exempt															
219 SMR	A2011-02-006	4433 Pebble Creek Lane			Exempt															
220 SMR	A2011-03-007	4488 Wellington Drive			Exempt															
221 SMR	A2011-03-008	4517 Hickory Court	KW	5/6/2011	Fail															
222 SMR	A2011-03-009	Village Pavilion			Exempt															
223 SMR	A2011-03-010	132 Old McHenry Road			Exempt															
226 SMR	A2011-04-012	6556 Diamond Lake Road- Streambank Stabilization			Exempt															
227 SMR	A2011-04-013	7277 Cambridge Drive lot 69 Ravenna East			Exempt															
228 SMR	A2011-05-016	4122 Three lakes Drive			Exempt															
229 SMR	A2011-05-014	5620 Oakwood Road			Exempt															
231 SMR	A2011-05-017	2403 W. Cumberland Circle			Exempt															
232 SMR	A2011-05-018	7214 Daybreak Lane lot 29 Ravenna East	BTZ	7/21/2011	Pass	BR	11/1/2011	Fail												
233 SMR	A2011-05-019	8082 Connor Drive			Exempt															
235 SMR	A2011-05-020	8137 South Boulder Court			Exempt															
236 SMR	A2011-05-021	1547 Chickamauga Lane			Exempt															
237 SMR	A2011-05-022	3385 Old McHenry Road			Exempt															
239 SMR	A2011-06-024	3267 Middlesax Drive			Exempt															
241 SMR	A2011-07-026	5726 Butler Lane			Exempt															
242 SMR	A2011-07-027	7249 Greywall Court			Exempt															
243 SMR	A2011-07-028	8115 Dannel Court			Exempt															
244 SMR	A2011-07-029	5854 Rock Dove Court			Exempt															

BG#	Permit Number	Project Description	Preconstruction SESC			Construction SESC Inspections						Final SESC Inspection					
			Inspector	Date	Status	Inspector	Date	Status	Inspector	Date	Status	Inspector	Date	Status			
245	SMR A2011-08-030	6877 September Blvd			Exempt												
246	SMR A2011-08-031	4724 Wellington Drive			Exempt												
247	SMR A2011-08-032	7231 Roxbury Court	BR	9/22/2011	Pass	#####											
248	SMR A2011-08-033	4854 Christine Court			Exempt												
249	SMR A2011-08-034	5569 Brookbank Lane			Exempt												
250	SMR A2011-08-035	3631 Cuba Road			Exempt												
251	SMR A2011-09-036	3266 Middlesax Drive			Exempt												
252	SMR A2011-09-037	4852 Christine Court	BW	10/6/2011	Pass												
253	SMR A2011-09-038	3860 Old McHenry Road			Exempt												
254	SMR A2011-09-039	8136 South Boulder Court				#####											
255	SMR A2011-09-040	6885 September Boulevard			Exempt												
257	SMR A2011-09-041	5900 Kdear Court	BR	11/1/2011	Pass												
258	SMR A2011-10-042	1634 Peadar Lane			Exempt												
259	SMR A2011-10-043	7216 Daybreak Lane	BW	#####	Pass												
260	SMR A2011-10-044	4488 Wellington Drive			Exempt												
261	SMR A2011-10-045	6742 Lakeside Court	BR	#####	Pass												
263	SMR A2011-11-046	1262 Potawatome			Exempt												
264	SMR A2011-12-047	2579 Lincoln Ave			Exempt												
265	SMR A2011-12-048	3147 Three lakes Drive			Exempt												
267	SMR A2011-12-049	2359 Old Hicks Road			Exempt												
268	SMR A2012-1-050	2237 Stayton Lane	BW	5/8/2012	Pass												
270	SMR A2012-3-002	7218 Daybreak Lane Rt 31 Ravenna East	BW	4/17/2012	Pass												
273	SMR A2012-03-003	8136 South Boulder Court			Exempt												
274	SMR A2012-03-004	4196 IL Route 83	BTZ	4/27/2012	Pass												
275	SMR A2012-04-005	4571 Pamela Court Lot 10 White Oak Estates			Exempt												
276	SMR A2012-04-006	1246 Antietam Drive Rt 184 Country Club Estates	BTZ	5/18/2012	Pass												
277	SMR A2012-04-007	Heron's Landing of Long Grove Water Distribution System	BTZ	4/20/2012	Pass												
278	SMR A2012-04-008	5572 Oak Grove Drive			Exempt												
279	SMR A2012-04-009	4809 Preserve Parkway			Exempt												
280	SMR A2012-04-010	3261 Monticello Lane			Exempt												
281	SMR A2012-04-011	5188 Estate Lane	BTZ	2/14/2013	Pass												
282	SMR A2012-05-012	6731 Estate Lane			Exempt												
283	SMR A2012-05-013	7231 Roxbury Court	BW	6/12/2012	Pass												
284	SMR A2012-05-014	5415 Promontory Lane			Exempt												

BG#	Permit Number	Project Description	Preconstruction SESC			Construction SESC Inspections						Final SESC Inspection								
			Inspector	Date	Status	Inspector	Date	Status	Inspector	Date	Status	Inspector	Date	Status	Inspector	Date	Status			
323	SMR A2012-09-49	3736 Deerwood Drive	BW	#####	Pass	BTZ	1/25/2013	Fail	BTZ	2/5/2013	Pass	BTZ	3/19/2013	Fail	BTZ	1/22/2014	Fail			
324	SMR A2012-09-050	1510 Summit Drive			Exempt															
325	SMR A2012-09-051	7281 Asbury Court	BTZ	#####	Pass	BTZ	#####	Fail	BTZ	1/2/2013	Pass	BTZ	2/25/2013	Fail	BTZ	3/8/2013	Pass	BW	5/25/2013	Pass
326	SMR A2012-09-052	8106 Boulder Court			Exempt															
327	SMR A2012-09-053	7206 Daybreak Lane	BTZ	#####	Pass	BTZ	#####	Fail	BTZ	1/2/2013	Fail	BTZ	1/4/2013	Pass	BTZ	3/28/2013	Pass	BW	11/4/2013	Pass
328	SMR A2012-09-054	5189 Eastgate Lane	BTZ	#####	Fail	BTZ	11/8/2012	Pass	BTZ	2/14/2013	Fail	BTZ	2/25/2013	Fail	BTZ	3/18/2013	Pass	BTZ	8/27/2013	Pass
329	SMR A2012-09-055	4507 N. Krueger Road	BW	5/2/2013	Fail	BW	5/7/2013	Pass												
330	SMR A2012-10-056	1723 Holy Court			Exempt															
331	SMR A2012-10-057	3410 East Nardian			Exempt															
332	SMR A2012-10-058	4709 Royal Melbourne Drive			Exempt															
333	SMR A2012-10-059	7298 Claridge Court	BTZ	#####	Pass	BTZ	2/14/2013	Fail	BTZ	2/25/2013	Fail	BTZ	3/8/2013	Pass						
334	SMR A2012-10-060	3128 Cuba Road			Exempt															
335	SMR A2012-10-061	1509 Sumter Drive			Exempt															
336	SMR A2012-10-062	7256 Lichtfield Court			Exempt															
337	SMR A2012-10-063	7294 Claridge Court	BTZ	#####	Fail	BTZ	#####	Pass												
338	SMR A2012-11-064	7255 Claridge Court	BTZ	#####	Pass	BTZ	#####	Pass	BTZ	1/29/2013	Fail	BTZ	4/11/2013	Pass						
339	SMR A2012-11-065	2601 Wycrest Drive	BTZ	#####	Pass	BTZ	3/8/2013	Pass												
340	SMR A2012-11-066	1723 Holy Court			Exempt															
341	SMR A2012-12-067	7269 Providence Court	BTZ	2/20/2013	Pass	JS	8/2/2013	Fail	BTZ	8/27/2013	Fail	BTZ	9/13/2013	Pass	BTZ	3/26/2014	Fail			
342	SMR A2012-12-068	7226 Daybreak Lane	BTZ	3/14/2013	Pass	JS	8/2/2013	Fail	BTZ	8/30/2013	Fail	BTZ	9/20/2013	Fail						
343	SMR A2013-01-001	Outlet A Eastgate Estates			Exempt															
344	SMR A2013-01-002	7282 Asbury Court	BTZ	3/21/2013	Pass															
345	SMR A2013-01-003	6874 Ellis Ave			Exempt															
346	SMR A2013-03-004	1881 Phisasant Run			Exempt															
350	SMR A2013-03-005	8106 Boulder Court, hardscape			Exempt															
348	SMR A2013-03-009	4322 Wilkesbrook Dr	BW	8/20/2013	Pass															
351	SMR A2013-03-007	7310 Greenbridge Lane	BW	4/23/2013	Pass	JS	8/2/2013	Fail												
352	SMR A2013-03-008	7247 Greywall Court	BW	4/25/2013	Pass	JS	9/2/2013	Fail												
353	SMR A2013-03-009	3239 Victorian Drive			Exempt															
355	SMR A2013-04-010	3516 Woodland Lane			Exempt															
357	SMR A2013-04-011	1546 Chickamauga Lane			Exempt															
358	SMR A2013-04-012	4897 Thimbleweed Court	BR	5/24/2013	Fail	BW	7/1/2013	Pass												
356	SMR A2013-04-013	5185 Eastgate Estates	JS	8/2/2013	Fail	BTZ	#####	Fail	BTZ	12/6/2013	Pass									
361	SMR A2013-04-014	4647 Lake Point Circle			Exempt															

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			Inspector	Date	Status	Inspector	Date	Status	Inspector	Date	Status	Inspector	Date	Status
363	SMR A2013-04-015	7200 Daybreak Lane	BW	5/24/2013	Pass	JS	8/2/2013	Pass	JS	8/3/2013	Pass	BTZ	10/4/2013	Pass
362	SMR A2013-04-016	7311 Greenbridge Lane	BW	5/24/2013	Pass							BTZ	10/4/2013	Pass
368	SMR A2013-04-017	Glenn Road Drain Tile			Exempt									
366	SMR A2013-05-018	4858 Christine Court			Exempt									
367	SMR A2013-05-019	4332 Half Day Road-Hardscape			Exempt									
364	SMR A2013-05-020	3100 Old McHenry Road	BR	6/11/2013	Pass									
365	SMR A2013-06-021	6321 Farmwood Drive			Exempt									
369	SMR A2013-05-022	4320 Wilowbrook Road	BW	6/20/2013	Pass	BTZ	1/22/2014	Pass						
370	SMR A2013-06-023	8107 Boulder Court (SMR-2)			Exempt									
371	SMR A2013-05-024	The Preserve at Long Grove			Exempt									
374	SMR A2013-06-025	6908 Wildspring Lane	JS	7/17/2013	Pass	BTZ	#####	Pass	BTZ	#####				
375	SMR A2013-05-026	7285 Providence Court	BTZ	6/20/2013	Pass									
380	SMR A2013-05-027	7270 Providence Court	BTZ	6/20/2013	Pass									
377	SMR A2013-06-028	1388 Bridgewater Lane			Exempt									
376	SMR A2013-05-029	4926 Thumbelweed Trail			Exempt									
373	SMR A2013-05-030	7287 Claridge Court	JS	8/22/2013	Pass	BTZ	#####	Pass	BTZ	#####				
379	SMR A2013-05-031	5876 Teal Lane			Exempt									
378	SMR A2013-05-032	1514 Sumter Drive												
372	SMR A2013-05-033	8200 N Middleman Road												
381	SMR A2013-05-034	7285 Asbury Court	JS	7/22/2013	Pass									
382	SMR A2013-06-035	7290 Claridge Court	JS	7/9/2013	Pass									
383	SMR A2013-06-036	7238 Greywall Court	JS	8/20/2013	Pass	BTZ	8/27/2013	Pass	BW	9/13/2013	Pass			
384	SMR A2013-06-037	7210 Daybreak Lane	JS	8/20/2013	Pass									
385	SMR A2013-06-038	7297 Greenbridge Lane	JS	8/2/2013	Pass	BTZ	8/27/2013	Pass	BW	9/13/2013	Pass			
386	SMR A2013-06-39	7308 Greenbridge Lane	JS	8/2/2013	Pass	BTZ	8/27/2013	Pass	BW	9/13/2013	Pass			
387	SMR A2013-06-40	7239 Greywall Court	JS	8/2/2013	Pass	BTZ	8/27/2013	Pass	BTZ	9/10/2013	Pass			
388	SMR A2013-06-41	7289 Claridge Court	JS	8/2/2013	Pass	BTZ	8/27/2013	Pass	BW	9/13/2013	Pass			
389	SMR A2013-07-42	6552 Stockbridge Lane			Exempt									
390	SMR A2013-07-43	4718 Wellington Drive	BTZ	9/16/2013	Pass	BTZ	1/22/2014	Pass						
392	SMR A2013-07-45	4332 Half Day Road (L. RTE 22)			Exempt									
393	SMR A2013-07-46	6714 Indian Lane			Exempt									
394	SMR A2013-07-47	5189 Eastgate Lane			Exempt									
395	SMR A2013-07-48	5635 Oakwood Circle-Deck			Exempt									
396	SMR A2013-07-49	6773 Creekside-Hardscape			Exempt									

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			Inspector	Date	Status	Inspector	Date	Status	Inspector	Date	Status	Inspector	Date	Status	Inspector	Date	Status
391	SMR A2013-07-44	7282 Asbury Court-Hardscape			Exempt												
397	SMR A2013-08-050	4122 Three lakes Drive			Exempt												
398	SMR A2013-08-051	2535 Shenandoah Lane			Exempt												
399	SMR A2013-08-052	5147 Bridlewood Lane			Exempt												
400	SMR A2013-08-053	5183 Eastgate Lane-Pool	BTZ	9/30/2013	Fail	BTZ	12/6/2013	Fail	BTZ	12/6/2013	Fail	BTZ	#####	Pass			
401	SMR A2013-08-054	7280 Asbury Court	JC	9/10/2013	Pass												
402	SMR A2013-08-055	1209 Grant Place			Exempt												
403	SMR A2013-08-056	Pub 83															
404	SMR A2013-09-057	1240 Antietam Drive			Exempt												
405	SMR A2013-09-058	5277 Briarcrest Lane			Exempt												
406	SMR A2013-09-059	7257 Litchfield Court	BTZ	9/24/2013	Pass												
407	SMR A2013-09-060	1765 Country Club Drive			Exempt												
408	SMR A2013-09-061	4824 Darlene Court			Exempt												
409	SMR A2013-09-062	4101 Robert Parker Coffin Road			Exempt												
410	SMR A2013-09-063	6210 Pine tree Drive			Exempt												
411	SMR A2013-09-064	7292 Litchfield Court	BW	11/4/2013	Pass												
412	SMR A2013-09-065	7862 Providence Court	BTZ	#####	Pass												
413	SMR A2013-10-066	Sunset Grove Building A															
414	SMR A2013-10-067	4761 Wellington Drive			Exempt												
415	MR A2013-10-068	5232 Southwell ct			Exempt												
416	SMR A2013-10-069	3250 Middlesex Drive			Exempt												
417	SMR A2013-10-070	Sunset Grove Building C															
418	SMR A2013-10-071	7286 Providence Ct	BTZ	12/17/2013	Pass												
419	SMR A2013-10-072	4591 Pamela Ct	BTZ	12/2/2013	Fail	BTZ	12/3/2013	Pass	BTZ	1/22/2014	Pass						
420	SMR A2013-10-073	6553 Stockbridge Lane			Exempt												
421	SMR A2013-10-074	7913 Greenbridge Lane	BTZ	#####	Pass												
422	SMR A2013-10-075	4307 IL Route 22															
423	SMR A2013-10-076	7247 Greywall Court			Exempt												
424	SMR A2013-11-077	7206 Daybreak Lane-Patio			Exempt												
425	SMR A2013-11-078	8022 Connor Drive			Exempt												
430	SMR A2013-11-079	7225 Lenox Court	BTZ	#####	Pass												
431	SMR A2013-11-080	3519 Woodland Lane															
432	SMR A2013-12-081	3859 Old McHenry Road			Exempt												
433	SMR A2013-12-082	4759 Doncaster Court	BTZ	3/26/2014	Pass												

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			Inspector	Date	Status	Inspector	Date	Status	Inspector	Date	Status	Inspector	Date	Status				
434 SMR	A2014-02-001	6537 Saddle Ridge Lane			Exempt													
435 SMR	A2014-03-002	9217 Piro Cone Court			Exempt													
436 SMR	A2014-03-003	8132 Dannel Circle			Exempt													
437 SMR	A2014-03-004	5184 Eastgate Lane																
438 SMR	A2014-03-005	5182 Eastgate Lane																
439 SMR	A2014-03-006	6537 Saddle Ridge Lane			Exempt													
440 SMR	A2014-03-007	7208 Daybreak Lane																