



# 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, 2014 To March, 2015

Permit No. ILR40 \_\_\_\_\_

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

Name: Village of Oswego Mailing Address 1: 100 Parkers Mill

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

City: Oswego State: IL Zip: 60543 Telephone: 630-554-3618

Contact Person: Jennifer Hughes Email Address: jhughes@oswegoil.org  
(Person responsible for Annual Report)

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

Village of Oswego

#### THE FOLLOWING ITEMS MUST BE ADDRESSED.

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

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

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

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

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

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

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

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

Owner Signature:

Jennifer M. Hughes, P.E., CFM

Printed Name:

5/27/15

Date:

Public Works Director

Title:

EMAIL COMPLETED FORM TO: [epa.ms4annualinsp@illinois.gov](mailto:epa.ms4annualinsp@illinois.gov)

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

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

## **MS4 Permit Year 12: March 2014 to February 2015**

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## Part A. MS4 Changes to Best Management Practices, Year 1

Information regarding the status of all of the BMPs and measurable goals described in the MS4's SMPP is provided in the following table.

**Note:** X indicates BMPs that were implemented in accordance with the MS4's SMPP  
 ✓ indicates BMPs that were changed during Year 12

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

Year 12	
MS4	
<b>D. Construction Site Runoff Control</b>	
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
<b>E. Post-Construction Runoff Control</b>	
	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
	E.6 Post-Construction Inspections
	E.7 Other Post-Const Runoff Controls
<b>F. Pollution Prevention/Good Housekeeping</b>	
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
X	F.5 Flood Management/Assess Guidelines
X	F.6 Other Municipal Operations Controls

Additional information about the changes that were made to the BMPs described in the MS4's SMPP during Year 12 is provided below.

## **B. Public Participation/Involvement**

### **B.4 Public Hearing**

*Measurable Goal(s): Village will conduct a public meeting or public hearing discussing its stormwater management plan or stormwater pollution. The Village will meet its own requirements for conducting public meetings or hearings.*

**The Village of Oswego Board of Trustees has reviewed and adopted a [Stormwater Management Program Plan](#) (SMPP) at its February 17, 2015 meeting. The SMPP is based on template developed by the Lake County Stormwater Management Commission. The SMPP is revised to address Oswego concerns.**

## **C. Illicit Discharge Detection and Elimination**

### **C.6 Program Evaluation and Assessment**

*Measurable Goal(s): NEW: Village will conduct a public meeting or public hearing discussing its stormwater management plan or stormwater pollution. The Village will meet its own requirements for conducting public meetings or hearings.*

**The NOI indicates that the Village would not address this BMP. The Village is now reviewing the program. This past reporting year, the Village implemented an SMPP to address programmatic issues and ensure compliance with the NPDES permit.**

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## Part B. MS4 Status of Compliance with Permit Conditions, Year 12

### Stormwater Management Activities, Year 12

The stormwater management activities that the MS4 performed during Year 12, including the MS4's BMPs and measureable goals, are described in detail in the MS4's SMPP. A brief summary of the status of the MS4's stormwater management program, as of the end of Year 12, is provided below. The MS4's [SMPP](#) can be viewed at [www.oswegoil.org](http://www.oswegoil.org).

#### A. Public Education and Outreach

*Measurable Goal(s): To implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.*

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

#### B. Public Participation/Involvement

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

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

**The Village of Oswego Board of Trustees has reviewed and adopted a Stormwater Management Program Plan (SMPP) at its February 17, 2015 meeting. The SMPP is based on template developed by the Lake County Stormwater Management Commission. The SMPP is revised to address Oswego concerns.**

#### C. Illicit Discharge Detection and Elimination

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

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

**The Village did not complete any dry weather screenings (C.7 Visual Dry Weather Screening) during the reporting period due to vacancies in the Public Works Department. The Village has since filled the vacancies and has programmed to resume screenings in the summer of 2015.**

#### **D. Construction Site Runoff Control**

*Measurable Goal(s): Implement BMPs and track progress of BMP implementation, as described in the SMPP. Review and inspect all developments to ensure that all applicable developments are in compliance with the Village and County regulations.*

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

**The MS4 implemented a web-based [communication platform](#) for citizens to report non-emergency issues. The MS4 uses this platform to track, manage, and reply--ultimately making communities better through transparency, collaboration, and cooperation.**

**The MS4 completed 83% of internal and residential storm water concerns reported to the village Public Works Department: the other 17% are in the process of being resolved.**

#### **E. Post-Construction Runoff Control**

*Measurable Goal(s): Implement BMPs and track progress of BMP implementation, as described in the SMPP. Ensure all applicable developments are in compliance with the Village and Kendall County regulations.*

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

#### **F. Pollution Prevention/Good Housekeeping**

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

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

**The Public Works Department installed an Anti-Icing Program/System (F.6 Other Municipal Operations Controls). The system will produce a liquid salt mixture that is applied to the rock salt. The liquid includes an organic such as beet juice which increases the stickiness of the rock salt. There will be less scatter and loss of rock salt as it bounces on the pavement. Communities**

**have achieved 15-20% reduction in the use of rock salt per application with the implementation of these systems.**

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### **Stormwater Management Program Assessment, Year 12**

An overall assessment of the MS4's stormwater management program and the appropriateness of its BMPs is provided below.

The MS4 reviewed its Stormwater Management Program and determined that we needed to better document our program. In response, the MS4 created a Stormwater Management Program Plan (SMPP).

The MS4 also reviewed all tasks, including NPDES activities, performed by the Public Works Department. This evaluation resulted in the hiring of two additional people in the fall of 2014. The Department

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## **Part C. MS4 Information and Data Collection Results, Year 12**

### **Annual Monitoring and Data Collection, Year 12**

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

The Fox Metro Water Reclamation District Water (Fox Metro) conducts sampling of the Fox River, both upstream and downstream of the MS4's stormwater discharges.

Walter E. Deuchler Associates, on behalf of Fox Metro, has sampled (grab samples) at the bridges located on Sullivan Road, North Avenue, Ashland Avenue and Route 34 in Oswego. The Fox River Study Group has sampled (grab samples) at the bridges located on Mill Street and Route 47. These sample locations are sampled monthly and analyzed for BOD, TSS, fecal coliforms, TKN, ammonia, nitrate N, organic nitrogen, chlorophyll A, total phosphorus, chloride and turbidity as well as field parameters including: temperature, pH, conductivity and DO.

WEDA also collects data with sondes (continuous sampling) at Sullivan Road, Route 30, Route 34, and Orchard Road. These parameters include DO, pH, temperature and conductivity.

WEDA also has metals data that was FOIA'd from IEPA for the YBSD local limit report. The closest stations are Route 34 and Mill Street in Montgomery.

There were no noticeable increases in these water quality parameters between the upstream and downstream sampling points.

### **IDDE Monitoring and Data Collection, Year 12**

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

The Village did not conduct dry weather flow investigations during this reporting period due to a shortage of manpower. The MS4 has hired additional staff and expects to be able to conduct this task during subsequent reporting periods.



## Part D. MS4 Summary of Year 13 Stormwater Activities

The table below indicates the stormwater management activities that the MS4 plans to undertake during Year 13. Additional information about the stormwater management activities that the MS4 will perform during Year 13 is provided in the section following the table.

**Note: X indicates BMPs that will be implemented during Year 13**

Year 13	
MS4	
<b>A. Public Education and Outreach</b>	
X	A.1 Distributed Paper Material
	A.2 Speaking Engagement
	A.3 Public Service Announcement
X	A.4 Community Event
	A.5 Classroom Education Material
X	A.6 Other Public Education
<b>B. Public Participation/Involvement</b>	
	B.1 Public Panel
	B.2 Educational Volunteer
	B.3 Stakeholder Meeting
X	B.4 Public Hearing
	B.5 Volunteer Monitoring
	B.6 Program Coordination
X	B.7 Other Public Involvement
<b>C. Illicit Discharge Detection and Elimination</b>	
X	C.1 Storm Sewer Map Preparation
X	C.2 Regulatory Control Program
X	C.3 Detection/Elimination Prioritization Plan
X	C.4 Illicit Discharge Tracing Procedures
X	C.5 Illicit Source Removal Procedures
X	C.6 Program Evaluation and Assessment
X	C.7 Visual Dry Weather Screening
	C.8 Pollutant Field Testing
X	C.9 Public Notification
	C.10 Other Illicit Discharge Controls

Year 13	
MS4	
<b>D. Construction Site Runoff Control</b>	
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
<b>E. Post-Construction Runoff Control</b>	
	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
	E.6 Post-Construction Inspections
	E.7 Other Post-Const Runoff Controls
<b>F. Pollution Prevention/Good Housekeeping</b>	
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
X	F.5 Flood Management/Assess Guidelines
X	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, but has been administratively continued by IEPA. Since the new version of the Permit has not yet been released to the public, and there is not yet a timeline for its release, the MS4 assumes that the most recent version of the Permit will continue to apply through the at least the end of Year 13. The MS4 remains committed to performing activities related to the six MCMs described in the most recent version of the Permit.

### **Stormwater Management Activities, Year 13**

During Year 13, the MS4 plans to continue to perform a variety of stormwater management activities, as described in detail in the MS4's SMPP and in brief below. The MS4's [SMPP](#) can be viewed at [www.oswegoil.org](http://www.oswegoil.org).

#### **A. Public Education and Outreach**

The MS4 is committed to implementing the Public Education and Outreach component of its SMPP. The MS4'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 ECO events.

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

#### **B. Public Participation/Involvement**

The MS4 is committed to implementing the Public Participation/Involvement component of its SMPP. The MS4'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 BMPs and track progress of BMP implementation, as described in the SMPP.*

#### **C. Illicit Discharge Detection and Elimination**

The MS4 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 MS4'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 BMPs and track progress of BMP implementation, as described in the SMPP.*

#### **D. Construction Site Runoff Control**

Kendall County has adopted a countywide [Kendall County Stormwater Management Ordinance \(KCSMO\)](#) that establishes the minimum stormwater management requirements for development in Kendall County. The KCSMO is administered and enforced within the community by the MS4. The MS4 has also adopted the following regulations:

[Village of Oswego Floodplain Ordinance](#)  
[Village of Oswego Stream and Wetland Protection Ordinance](#)  
[Village of Oswego Subdivision and Development Control Regulations](#)  
[Village of Oswego Discharge Detection and Elimination Ordinance](#)

*Measurable Goal(s): Implement BMPs and track progress of BMP implementation, as described in the SMPP. Enforce all applicable regulations ensure that all applicable developments are in compliance.*

#### **E. Post-Construction Runoff Control**

As described above, the countywide and MS4 regulations establish the minimum stormwater management requirements for development in Kendall County. These regulations establish 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 MS4's SMPP also includes inspection procedures for pre-KCSMO developments, streambanks and shorelines, streambeds, and detention/retention ponds.

*Measurable Goal(s): Implement BMPs and track progress of BMP implementation, as described in the SMPP. Enforce all applicable regulations ensure that all applicable developments are in compliance.*

#### **F. Pollution Prevention/Good Housekeeping**

The MS4 is committed to implementing the Pollution Prevention/Good Housekeeping component of its SMPP. The MS4's Pollution Prevention/Good Housekeeping program includes: the evaluation and improvement of municipal policies and procedures to reduce the discharge of pollutants from municipal activities and operations; and, a training program for municipal employees.

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

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## **Part E. Notice of Qualifying Local Program**

Kendall County serves as a Qualifying Local Program (QLP) for MS4s in Kendall County. In accordance with IEPA's General NPDES Permit No. ILR40, as a QLP, Kendall County performs activities related to each of the six minimum control measures. The MS4 is not taking credit for activities performed by the QLP.

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