



# 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, 2015 \_\_\_\_\_ To March, 2016 \_\_\_\_\_

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: Kendall

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

Contact Person: Jennifer Hughes, Public Works Director 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 type="checkbox"/> | 5. Post-Construction Runoff Control       | <input type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input 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.

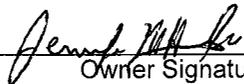
C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

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, PE., CFM  
Printed Name:

5/24/16  
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**

**Village of Oswego**

**Permit Year 13: March 2015 to February 2016**

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## Part A. MS4 Changes to Best Management Practices, Year 13

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 13

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
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 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

## **Part B. MS4 Status of Compliance with Permit Conditions, Year 13**

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

The stormwater management activities that the MS4 performed during Year 13, 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 13, is provided below. The MS4's SMPP can be viewed at [www.oswegoil.org](http://www.oswegoil.org).

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

##### **A.1 Distributed Paper Material**

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

The Village of Oswego continues to implement the BMPs described in its SMPP adopted in February 7, 2015 and track progress in implementing its stormwater management plan.

##### **A.6 Other Public Education**

Floodplain modeling table set up at the Villages annual Prairefest Event.

*Measurable Goal(s): Numerous people attending the Annual Prairefest Event stopped by a Village sponsored tent that included a Stormwater Simulation Floodplain Model that demonstrated the critical role of floodplains and how development within the watershed can affect stormwater runoff and flooding.*

#### **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.*

##### **B.7 Other Public Involvement**

Floodplain modeling table set up at the Villages annual Prairefest Event.

*Measurable Goal(s): Numerous people attending the Annual Prairefest Event stopped by a Village sponsored tent that included a Stormwater Simulation Floodplain Model that demonstrated the critical role of floodplains and how development within the watershed can affect stormwater runoff and flooding.*

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

### **C.1 Storm Sewer Map Preparation**

Add any new or remove any stormwater outfalls as needed after inspections.

*Measurable Goal(s): Added 7 unmapped outfalls to stormwater outfall map. Five of the seven are new installations and two were existing outfalls found during inspections.*

### **C.7 Visual Dry Weather Screening**

Visual inspection of outfalls during dry weather. If needed perform water sampling on suspicious discharges at outfalls.

*Measurable Goal(s): A total of 105 outfalls were inspected. Of the 105, 82 are on the Waubensee creek and 23 on the Fox River. A total of 19 dry weather flows were investigated at storm water outfalls. No potential illicit discharges were identified at any of these locations.*

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

### **D.1 Regulatory Control Program**

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

The Village of Oswego continues to implement the BMPs described in its SMPP adopted in February 7, 2015 and track progress in implementing its stormwater management plan.

### **D.2 Erosion and Sediment Control BMPs**

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

The Village of Oswego continues to implement the BMPs described in its SMPP adopted in February 7, 2015 and track progress in implementing its stormwater management plan.

### **D.3 Other Waste Control Program**

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

The Village of Oswego continues to implement the BMPs described in its SMPP adopted in

February 7, 2015 and track progress in implementing its stormwater management plan.

#### **D.4 Site Plan Review Procedures**

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

The Village of Oswego continues to implement the BMPs described in its SMPP adopted in February 7, 2015 and track progress in implementing its stormwater management plan.

#### **D.5 Public Information Handling Procedures**

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

The Village of Oswego continues to implement the BMPs described in its SMPP adopted in February 7, 2015 and track progress in implementing its stormwater management plan.

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

#### **E.2 Regulatory Control Program**

*Measurable Goal(s): Implement and track progress of BMPs as described in the SMP*

The Village of Oswego continues to implement the BMPs described in its SMPP adopted in February 7, 2015 and track progress in implementing its stormwater management plan.

#### **E.3 Long Term O&M Procedures**

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

The Village of Oswego continues to implement the BMPs described in its SMPP adopted in February 7, 2015 and track progress in implementing its stormwater management plan.

#### **E.4 Pre-Const Review of BMP Designs**

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

The Village of Oswego continues to implement the BMPs described in its SMPP adopted in February 7, 2015 and track progress in implementing its stormwater management plan.

#### **E.5 Site Inspections During Construction**

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

The Village of Oswego continues to implement the BMPs described in its SMPP adopted in February 7, 2015 and track progress in implementing its stormwater management plan.

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

### **F.1 Employee Training Program**

Erosion Control Training for Building and Zoning, and Public Works Department staff.

*Measurable Goal(s): Annual training for staff presented by Public Works Director P.E.,CFM*

Public Works Superintendent, Snow Route Supervisors and Fleet Mechanic attended salt and calcium application training for snow plow operators. Some of the topics discussed were:

- Environmental Effects
- State/Local Law
- NPDES Compliance

*Measurable Goal(s): Continue training for snowplow operators*

### **F.2 Inspection and Maintenance Program**

Catch basin Inspection and Cleaning.

*Measurable Goal(s): Visually inspected 260 catch basins which is 56% short of our projected goal. 52 of the 260 inspected basins required cleaning due to 12” or more of sediment found during inspections. 50 have been cleaned, two require cleaning and will be scheduled for cleaning when the program resumes in the spring.*

### **F.3 Municipal Operations Storm Water Control**

Street sweep all village streets with curb and gutter two times per year.

*Measurable Goal(s): Street sweeping completed as scheduled. Approximately 308 lane miles of streets were swept and materials collected were picked up and transported to an approved land disposal facility.*

### **F.4 Municipal Operations Waste Disposal**

Perform all Vehicle and equipment washing in wash bay or garage area which drains into triple basin before entering sanitary system.

*Measurable Goal(s): Wash as needed, vehicle and equipment in wash bay or garage area which drains into triple basin before entering sanitary system. Triple basin is cleaned yearly or on an as needed basis by a licensed waste hauler.*

Public works fleet oil and fluid disposal.

*Measurable Goal(s): 55 gallons of anti-freeze and 250 gallons of used oil from Public work vehicles collected by licensed recycler or waste hauler*

## **F.6 Other Municipal Operations**

The Public Works department installed an Anti-Icing Program /System. 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.

*Measurable Goal(s): Through specific training, snowplow driver records and the addition of the Anti-icing and Pre-wet system has reduced the Villages salt use for each storm, which also reduces the amount entering into the storm system.*

## **Stormwater Management Program Assessment, Year 13**

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

The Village of Oswego has added additional staff which has allowed the Public Works Department to resume Dry Weather Screenings, also to start a Street Sweeping and Catch Basin Inspection Program. Documentation of our Stormwater Management Program has improved.

## **Part C. MS4 Information and Data Collection Results, Year 13**

### **Annual Monitoring and Data Collection, Year 13**

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 (Fox Metro) conducts sampling of the Fox River upstream of the MS4 and at the Orchard Road Bridge on the downstream edge of the corporate limits.

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 13**

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

A total of 105 outfalls were inspected. Of the 105, 82 are on the Waubensee creek and 23 on the Fox River. A total of 19 dry weather flows were investigated at storm water outfalls. Tracing and follow up procedures were taken with no potential illicit discharges identified at any of these locations.

## Part D. MS4 Summary of Year 14 Stormwater Activities

The table below indicates the stormwater management activities that the MS4 plans to undertake during Year 14. Additional information about the stormwater management activities that the MS4 will perform during Year 14 is provided in the section following the table.

**Note: X indicates BMPs that will be implemented during Year 14**

Year 14		Year 14	
MS4		MS4	
<b>A. Public Education and Outreach</b>		<b>D. Construction Site Runoff Control</b>	
X	A.1 Distributed Paper Material	X	D.1 Regulatory Control Program
	A.2 Speaking Engagement	X	D.2 Erosion and Sediment Control BMPs
	A.3 Public Service Announcement	X	D.3 Other Waste Control Program
X	A.4 Community Event	X	D.4 Site Plan Review Procedures
	A.5 Classroom Education Material	X	D.5 Public Information Handling Procedures
X	A.6 Other Public Education	X	D.6 Site Inspection/Enforcement Procedures
<b>B. Public Participation/Involvement</b>			D.7 Other Construction Site Runoff Controls
	B.1 Public Panel	<b>E. Post-Construction Runoff Control</b>	
	B.2 Educational Volunteer		E.1 Community Control Strategy
	B.3 Stakeholder Meeting	X	E.2 Regulatory Control Program
X	B.4 Public Hearing	X	E.3 Long Term O&M Procedures
	B.5 Volunteer Monitoring	X	E.4 Pre-Const Review of BMP Designs
	B.6 Program Coordination	X	E.5 Site Inspections During Construction
X	B.7 Other Public Involvement		E.6 Post-Construction Inspections
<b>C. Illicit Discharge Detection and Elimination</b>			E.7 Other Post-Const Runoff Controls
X	C.1 Storm Sewer Map Preparation	<b>F. Pollution Prevention/Good Housekeeping</b>	
X	C.2 Regulatory Control Program	X	F.1 Employee Training Program
X	C.3 Detection/Elimination Prioritization Plan	X	F.2 Inspection and Maintenance Program
X	C.4 Illicit Discharge Tracing Procedures	X	F.3 Municipal Operations Storm Water Control
X	C.5 Illicit Source Removal Procedures	X	F.4 Municipal Operations Waste Disposal
X	C.6 Program Evaluation and Assessment	X	F.5 Flood Management/Assess Guidelines
X	C.7 Visual Dry Weather Screening	X	F.6 Other Municipal Operations Controls
	C.8 Pollutant Field Testing		
X	C.9 Public Notification		
	C.10 Other Illicit Discharge Controls		

The General Storm Water Permit for MS4s was reissued on February 10, 2016 with an effective date of March 1, 2016. The expiration date is February 28, 2021. Significant changes have been made in the permit based on comments received by the Agency. The reissued permit requires consideration by permittees of incorporation of green infrastructure concepts into their storm water program. For more information, see Infrastructure. The Agency now requires, for purposes of public notification and participation, that the Notice of Intent (NOI) for your construction site projects be submitted to the Agency electronically and be placed on the permittee's website. Your projects are still automatically covered under the construction site activities general permit ILR10 pursuant to this permit. The Agency has also developed e-mail addresses for the electronic submission of your Notice of Intent and annual reports.

### **Stormwater Management Activities, Year 14**

During Year 14, 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). It is also attached for reference. [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.*

#### **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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