

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

**Village of Oswego
Permit No. ILR40
Permit Year 14: March 2016 to March 2017**

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

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

Note: "X" indicates BMPs that were implemented in accordance with the MS4's SMPP
✓ indicates BMPs that were changed during Year 14

Year 14	
MS4	
A. Public Education and Outreach	
X	A.1 Distributed Paper Material
	A.2 Speaking Engagement
	A.3 Public Service Announcement
X	A.4 Community Event
	A.5 Classroom Education Material
X	A.6 Other Public Education
B. Public Participation/Involvement	
	B.1 Public Panel
	B.2 Educational Volunteer
	B.3 Stakeholder Meeting
X	B.4 Public Hearing
	B.5 Volunteer Monitoring
	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
	C.8 Pollutant Field Testing
X	C.9 Public Notification
	C.10 Other Illicit Discharge Controls

Year 14	
MS4	
D. Construction Site Runoff Control	
X	D.1 Regulatory Control Program
X	D.2 Erosion and Sediment Control BMPs
X	D.3 Other Waste Control Program
X	D.4 Site Plan Review Procedures
X	D.5 Public Information Handling Procedures
X	D.6 Site Inspection/Enforcement Procedures
	D.7 Other Construction Site Runoff Controls
E. Post-Construction Runoff Control	
	E.1 Community Control Strategy
X	E.2 Regulatory Control Program
X	E.3 Long Term O&M Procedures
X	E.4 Pre-Const Review of BMP Designs
X	E.5 Site Inspections During Construction
	E.6 Post-Construction Inspections
	E.7 Other Post-Const Runoff Controls
F. Pollution Prevention/Good Housekeeping	
X	F.1 Employee Training Program
X	F.2 Inspection and Maintenance Program
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 14 is provided below.

In response to the new ILR40 permit, effective March 1, 2016, the MS4 reviewed and revised its SMPP.

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

Stormwater Management Activities, Year 14

The stormwater management activities that the MS4 performed during Year 14, including the MS4's BMPs and measurable goals, are described in detail in the MS4's SMPP. A concise summary of the status of the MS4's stormwater management program, as of the end of Year 14, is provided below. A copy of the annual tracking form is included at the end of Part B of this report. The MS4's SMPP can be viewed at www.oswegoil.org.

A. Public Education and Outreach

A.1 Distributed Paper Material

Measurable Goal(s):

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

Year 14 MS4 activities:

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

A.6 Other Public Education

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Floodplain modeling table set up at the Village's annual Prairiefest Event

Year 14 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- Numerous People attending the Annual Prairiefest Event stopped by a Village sponsored ten 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):

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

Year 14 MS4 activities:

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

B.7 Other Public Involvement

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Floodplain modeling table set up at the Village's annual Prairiefest Event.

Year 14 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- Numerous People attending the Annual Prairiefest Event stopped by a Village sponsored ten 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

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Add any new or remove any Stormwater outfalls as needed after inspections.

Year 14 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- Added several previously unmapped outfalls to stormwater outfall map.

C.7 Visual Dry Weather Screening

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Visual inspection of outfalls during dry weather.
- If needed, perform water sampling on suspicious discharges at outfalls.

Year 14 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- A total of 68 outfalls were inspected. Of the 68, 15 are on Bartlett Creek and 53 are located on Morgan Creek. No dry weather flows or potential illicit discharges were identified.

D. Construction Site Runoff Control

D.1 Regulatory Control Program

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Enforce all applicable regulations to ensure that all applicable developments are in compliance.

Year 14 MS4 activities:

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

- The MS4 continues to enforce all applicable regulations to ensure that all applicable developments are in compliance.

D.2 Erosion and Sediment Control BMPs

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Enforce all applicable regulations to ensure that all applicable developments are in compliance.

Year 14 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- The MS4 continues to enforce all applicable regulations to ensure that all applicable developments are in compliance.

D.3 Other Waste Control Program

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Enforce all applicable regulations to ensure that all applicable developments are in compliance.

Year 14 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- The MS4 continues to enforce all applicable regulations to ensure that all applicable developments are in compliance.

D.4 Site Plan Review Procedures

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Enforce all applicable regulations to ensure that all applicable developments are in compliance.

Year 14 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- The MS4 continues to enforce all applicable regulations to ensure that all applicable developments are in compliance.

D.5 Public Information Handling Procedures

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Enforce all applicable regulations to ensure that all applicable developments are in compliance.

Year 14 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- The MS4 continues to enforce all applicable regulations to ensure that all applicable developments are in compliance.

E. Post-Construction Runoff Control

E.2 Regulatory Control Program

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Enforce all applicable regulations to ensure that all applicable developments are in compliance.

Year 14 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- The MS4 continues to enforce all applicable regulations to ensure that all applicable developments are in compliance.

E.3 Long Term O&M Procedures

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Enforce all applicable regulations to ensure that all applicable developments are in compliance.

Year 14 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- The MS4 continues to enforce all applicable regulations to ensure that all applicable developments are in compliance.

E.4 Pre-Const Review of BMP Designs

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Enforce all applicable regulations to ensure that all applicable developments are in compliance.

Year 14 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- The MS4 continues to enforce all applicable regulations to ensure that all applicable developments are in compliance.

E.5 Site Inspections During Construction

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Enforce all applicable regulations to ensure that all applicable developments are in compliance.

Year 14 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- The MS4 continues to enforce all applicable regulations to ensure that all applicable developments are in compliance.

F. Pollution Prevention/Good Housekeeping

F.1 Employee Training Program

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Annual training for staff presented by Public Works Director P.E., CFM
- Continued training for snowplow operators.

Year 14 MS4 activities:

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

F. 2 Inspection and Maintenance Program

Measurable Goal(s):

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

Year 14 MS4 activities:

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

F. 3 Municipal Operations Storm Water Control

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Street sweep all village streets with curb and gutter two times per year.

Year 14 MS4 activities:

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

Measurable Goal(s):

- Implement BMPs and track progress of BMP implementation, as described in the SMPP.
- Perform all vehicle and equipment washing in wash bay area which drains into triple basin before entering sanitary system.
- Proper disposal of all public works fleet oil and fluid.

Year 14 MS4 activities:

- The MS4 continues to implement the BMPs described in its SMPP and to track progress in implementing its stormwater management program.
- Vehicles and equipment was washed as need in the wash bay or garage area which drains into triple basin before entering the sanitary system. Triple basin is cleaned yearly or on an as needed basis by a licensed waste hauler.
- 55 gallons of anti-freeze and 250 gallons of used oil from public works vehicles were collected by a licensed recycler or waste hauler.

F. 6 Other Municipal Operations

Measurable Goal(s):

- Through specific training, snowplow driver records, and the addition of the anti-icing and pre-wet system, continue to minimize the Village's salt use for each storm which also reduces the amount entering into the storm system.

Year 14 MS4 activities:

- 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 continues to train staff on and utilize the Anti-Icing Program/System that was installed in 2015. This system produces 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.

Stormwater Management Program Assessment, Year 14

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

The MS4 revised their SMPP to coincide with the April 2016 ILR40 permit. As described in the revised SMPP there are extensive monitoring efforts already underway across the County, refer to Part C of this report for additional information. As an active MS4 within the County, the countywide findings are a reflection of the individual efforts of each MS4. Additionally, the SMPP identified impaired waters based on the July 2016 303(d) list. The inclusion or exclusion of water bodies on the IEPAs 303(d) list, published bi-annually, is a direct reflection of the program's effectiveness. This comparison is expected to be provided in the Year 16 annual report (after the next 303(d) list is published).

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

Annual Monitoring and Data Collection, Year 14

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

The MS4 revised their SMPP to coincide with the April 2016 ILR40 permit. As described in the revised SMPP there are extensive monitoring efforts already underway across the County. The MS4 is located in the Fox River Study Group (FRSG) and the Fox Metro Water Reclamation District (Fox Metro).. The QLP section of the report describes the status of Kendall County waters using information gathered by these workgroups, the FRSG, Fox Metro, and IEPA. Following is a brief summary of the efforts described in more detail in the SMPP.

- 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.

Part D. MS4 Summary of Year 15 Stormwater Activities

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

Note: “X” indicates BMPs that will be implemented during Year 15

Year 15	MS4
A. Public Education and Outreach	
X	A.1 Distributed Paper Material
	A.2 Speaking Engagement
	A.3 Public Service Announcement
X	A.4 Community Event
	A.5 Classroom Education Material
X	A.6 Other Public Education
B. Public Participation/Involvement	
	B.1 Public Panel
	B.2 Educational Volunteer
	B.3 Stakeholder Meeting
X	B.4 Public Hearing
	B.5 Volunteer Monitoring
	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
	C.8 Pollutant Field Testing
X	C.9 Public Notification
	C.10 Other Illicit Discharge Controls

Year 15	MS4
D. Construction Site Runoff Control	
X	D.1 Regulatory Control Program
X	D.2 Erosion and Sediment Control BMPs
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
	E.6 Post-Construction Inspections
	E.7 Other Post-Const Runoff Controls
F. Pollution Prevention/Good Housekeeping	
X	F.1 Employee Training Program
X	F.2 Inspection and Maintenance Program
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

Stormwater Management Activities, Year 15

During Year 15, the MS4 plans to continue to support and supplement QLP efforts, as described in detail in the MS4’s SMPP and in brief below. The MS4’s SMPP can be viewed at [www.oswegoil.org].

A. Public Education and Outreach

The MS4 utilizes a variety of methods to educate and provide outreach to the public about the importance of managing pollutants that potentially could enter the stormwater system. The MS4's Public Education and Outreach program includes: the distribution of educational material via take-away racks, municipal newsletters, website, at outreach events and by supporting efforts of the Environmental Conscious Oswego Commission (ECO).

Measurable Goal(s):

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

B. Public Participation/Involvement

The MS4 utilizes a variety of methods to allow input from citizens during the development and implementation of the SMPP. The MS4's Public Participation/Involvement program includes: maintaining a process for receiving and processing citizen input/complaints; attending and publicizing stakeholder meetings, identification of environmental justice areas, and presenting program information at a public meeting at least once annually.

Measurable Goal(s):

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

C. Illicit Discharge Detection and Elimination

The MS4 will conduct activities toward the identification and removal of direct connections of pollutants into the storm water management systems (including wetlands and receiving waters). The program includes the following primary components.

- A outfall map showing the locations of outfalls and the names and locations of all waters that receive discharges from those outfalls;
- An ordinance that prohibits all non-storm water discharges into the storm sewer system and provides the authority for appropriate enforcement procedures and actions;
- A plan to detect and address all non-stormwater discharges, into the storm sewer system;
- Periodic inspection of outfalls for detection of non-stormwater discharges and illegal dumping (5-yr rescreening schedule).
- Annual inspection of all High Priority Outfalls.

Measurable Goal(s):

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

D. Construction Site Runoff Control

Kendall County has adopted a Kendall County Stormwater Management Ordinance (KCSMO) that establishes the minimum stormwater management requirements for

development in Kendall County. The KCSMO establishes countywide standards for runoff maintenance, detention sites, soil erosion and sediment control, inspections, water quality, wetlands and floodplains. 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 to 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 BMP standards to implement stormwater management strategies that minimize increases in stormwater runoff rates, volumes, and pollutant loads from development sites. The 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 to 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 is responsible for the care and upkeep of the general facilities, municipal roads, its general facilities and associated maintenance yards. The MS4's Pollution Prevention/Good Housekeeping program includes: the evaluation and improvement of municipal policies and procedures to reduce the discharge of pollutants from municipal activities and operations; and, a training program for municipal employees.

Measurable Goal(s):

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

