

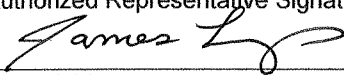


MS4 Annual Report

Reporting on activities undertaken in the calendar year 2013.

1. Municipal Information			
Name of Municipality City of Oconomowoc		Facility ID No. (FIN) 31284	
Mailing Address 174 E. Wisconsin Avenue	City Oconomowoc	State WI	Postal Code 53066
County(s) in which Municipality is located Waukesha	Type of Municipality (check one) <input type="checkbox"/> County <input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town <input type="checkbox"/> Other (specify)		

2. Municipal Contact Information			
Name of Municipal Contact Person James Lamp		Title Engineering Operations Administrator	
Mailing Address 174 E. Wisconsin Avenue	City Oconomowoc	State WI	Postal Code 53066
Email Address jlamp@oconomowoc-wi.gov	Telephone No. (including area code) 262.569.2188	Fax No. (including area code) 262.569.3219	

3. Certification		
<p><i>I hereby certify that I am an authorized representative of the municipality covered under MS4 General Permit No. WI-S050075-1 for which this annual report is being submitted and that the information contained in this document and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.</i></p>		
Authorized Representative Printed Name James Lamp	Authorized Representative Title Engineering Operations Administrator	
Authorized Representative Signature 	Date Signed <u>2-20-14</u>	
Email Address jlamp@oconomowoc-wi.gov	Telephone No. (including area code) 262.569.2188	Fax No. (including area code) 262.569.3219

4. General Information

- a. Described are efforts that the City has undertaken to invite our municipal governing body, interest groups, and the general public to review and comment on the annual report.
 - o A copy of the annual report is provided to our governing body. The annual report also will be posted on the City's website. The governing body, general public, and interested groups will be encouraged to review and comment on this report.

- b. Described is how elected and municipal officials and appropriate staff have been kept apprised of the municipal storm water discharge permit and its requirements.
 - o Through the City's budget, Annual report and implementation process of all the different sections.
- c. The City has prepared its own municipal-wide storm water management plan. Below are the titles and dates of the storm water management plans.
 - o "Storm Water Quality Assessment" February 2009 and revised June 2009
 - o "Storm Water Pollution Prevention Plan" SWPPP dated June 2009
- d. The City has entered into a written agreement with Waukesha County to perform one or more of the conditions of the general permit as provided under Section 2.10 of the general permit. Below are the cooperative efforts.
 - o Through an intergovernmental agreement the City has participated in Waukesha County's Public Information and Education Program since January of 2009 and will be renewing the contract yearly. It is the City's intent that this agreement will be a major part of public education and outreach (Section 2.1) and public involvement and participation (Section 2.2) sections of the City's WPDES permit, along with using the County's current Work Plan as guidance for local activities.
- e. The City's internet website is www.oconomowoc-wi.gov and the following links gain access to general information pertaining to the storm water management program.
 - o Links: Departments - Public Works –Storm Water – Annual Reports

5. Permit Conditions

- a. Minimum Control Measures:
Listed below are the actions taken during the reporting year to implement each permit condition in section 3 of the MS4 general permit.

- Public Education and Outreach

In 2013 the City of Oconomowoc held its annual public education and outreach program at Oconomowoc's Public Library the week of October 4th - 11th which has been dubbed "Storm Water Week". This educational program provides a variety of information for the public through the use of Waukesha County's Land Resources large three panel display. Two panels held informational pamphlets for rain gardens and rain barrels, yard care maintenance, run off and stormwater erosion. On the third panel was this year's spotlight on managing autumn's falling leaves and their effect on the storm water.

In addition to the display board, we had a table with information regarding leaf mulch and leaf mold with instructions for a leaf mold recipe and its application process. Along with activities for the kids to take home such as a word search, maze and coloring sheets and book marks that go with the theme of autumn's falling leaves. The use of the panel display was coordinated through the Waukesha County's Land Resources Division. Advertisement for the City's "Storm Water Week" was at City Hall and on the City's internet site and the City's facebook page. There are two locations in City Hall where the storm water brochures are available for the public to view and take along. Also the storm water brochures are obtainable on the City's internet site.

Jayne Jenks from Waukesha County was at the February 5, 2013 Common Council meeting to present stormwater and recycling programs.

- Public Involvement and Participation

The City publicized the following Press Releases from Waukesha County on our web site to help encourage public involvement and participation:

- ❖ Lawn Clippings – There's Gold in that Green
- ❖ Composting Workshops - locations and dates
- ❖ Annual plant sale at Retzner Nature Center
- ❖ Rain Barrels on sale at the Oconomowoc's Farmers Market

The City also held a contest "Where's the Rain Barrel?" A custom painted rain barrel was placed at various locations throughout the City. Hints for the latest rain barrel location were provided as the barrel moves by using the City's internet site and facebook page. To win this challenge, you needed to locate the painted rain barrel and fill out an entry ticket that was provided at each location and drop only one ticket into the barrel per person at that location. The person with the most entries wins the custom painted rain barrel along with an ORBIS composter bin and a \$50 Oconomowoc Chamber of Commerce Gift Certificate.

- Illicit Discharge Detection and Elimination

Under the Storm Water Pollution Prevention Plan; the goal of the illicit discharge detection program is to identify and eliminate illicit connections to the City's storm sewer system. Since 2010 the City was pleased to find no illicit discharges occurring at any location. The City will continue to perform on-going field screening at major outfalls during dry weather periods.

- Construction Site Pollutant Control

Under the Storm Water and Erosion Control Ordinance; the City has developed a Construction Site Erosion Control section and will continue to administer, regulate, and enforce according to the standards and procedures contained within this ordinance. Approximately 14 developments/construction sites including the City's were inspected weekly and within 24 hours after each rain of 0.5 inches or more. The City continues to perform spot inspections to ensure compliance of each site. Very few minor repair needs were observed during inspections, immediate notification was given and corrective actions were performed to stay in compliance.

- Post-Construction Storm Water Management

Under the Storm Water and Erosion Control Ordinance; the City has developed a Post Construction Storm Water Management section and will continue to administer, regulate, and enforce according to the standard and procedures contained within this ordinance.

- Pollution Prevention

During the street sweeping season, April 1st to November 1st, the City swept the downtown area 28 times and sweeping is scheduled once per week to clean all streets outside of the downtown area. In 2013 we collected 292.77 tons of debris. There is no written salting policy but we do determine the salting patterns based upon each snow event. A mixture of 2 parts salt to 1 part sand is used for temperatures of zero or less. We used 1,700 tons of salt and 0 tons of mix. Yard waste is picked up 20 times per year by Advanced Disposal. The Yard Waste information is on the City's website.

b. Storm Water Quality Management:

The City has completed a pollutant-loading analysis to assess compliance with the 20% TSS reduction developed urban area performance standard. The model used to determine compliance was P-8 & SLAMM, Version 3.4 & 9.3.

MSA Professional Services completed an evaluation of all municipal owned or operated structural flood control facilities to determine the feasibility of retrofitting to increase TSS removal. It was determined that one municipally owned pond has ample land to increase in size. There are nearby storm sewer systems which currently do not run into the pond that could be diverted into that pond system.

A future storm water quality pond is anticipated. The City's 2013 street project included a realignment of Summit Avenue and Forest Street intersection. Shifting of the roadway will create enough area to allow construction of a pond. The design details have not been completed. Note: Currently the City owns just a few facilities.

c. Best Management Practices Maintenance:

The City has a model Storm Water Maintenance Agreement for all privately owned permanent storm water management BMPs/facilities. A data base has been developed for each facility. The City is in the process of budgeting and ordering all the older subdivision BMPs/facilities Declaration of Restrictions to add to our data base. The City started working on contacting three Homeowner Associations to educate and go over any needed maintenance on their ponds. The City will continue to work with the Homeowner Associations.

d. Storm Sewer System Map:

The City continues to update the storm sewer system map with all the new and modified storm sewer information including asbuilts from street projects.

6. Fiscal Analysis

The City is continuing to investigate the possibility of a Storm Water Utility. General funds will be used until another revenue source is in place to implement the requirements of the general permit. A fiscal analysis that includes the annual expenditures for 2013 and the budget for 2014 is provided on page 4.

7. Adopted Ordinances, Inspections and Enforcement Action Summary

Our Chapter 19, Storm Water and Erosion Control Ordinance has been previously submitted. Incorporated in the City's ordinance are sections relating to construction site pollutant control, post-construction storm water management and illicit

discharge elimination. This ordinance can be found on the City's website. As of the date of this annual report, no additional ordinances have been adopted.

Ruekert and Mielke, our consulting engineers, have performed weekly site inspections on our 2013 street construction sites. Contractors performed weekly site inspections on eight construction sites, and City of Oconomowoc staff has performed weekly site inspections on six separate sites with various spot inspections on all sites. Minor repair needs were observed during inspections and corrective actions were performed immediately to stay in compliance.

8. Water Quality Concerns

- a. No part of the MS4 discharges to outstanding resource water (ORW) or exceptional resource water (ERW). This was verified by the list of ORWs and ERWs found on the DNR's Internet site.
- b. Lac La Belle is an impaired waterbody in which a portion of the MS4 area discharges to. It is impaired primarily due to contaminated PCBs. No known water quality degradation or improvements were made during the reporting period. No testing was needed at this time. Lac La Belle was verified by the list of the most current Wisconsin impaired waterbodies found on the DNR's Internet site.

Fiscal Analysis Table. Complete the fiscal analysis table provided below.

Program Element	Annual Expenditure		Budget		Source of Funds
	2013	2013	2013	2014	
Public Education and Outreach	\$2,468.00	\$2,800.00	\$2,800.00	\$2,800.00	City of Oconomowoc's General Fund
Public Involvement and Participation	\$2,000.00	\$2,400.00	\$2,400.00	\$2,400.00	Same
Illicit Discharge Detection and Elimination	\$1,000.00	\$1,200.00	\$1,200.00	\$1,200.00	Same
Construction Site Pollutant Control	\$13,950.00	\$10,000.00	\$10,000.00	\$10,000.00	Same
Post-Construction Storm Water Management	\$11,100.00	\$18,000.00	\$11,000.00	\$11,000.00	Same
Pollution Prevention	\$103,725.75	\$108,000.00	\$104,000.00	\$104,000.00	Same
Storm Water Quality Management (including pollutant-loading analysis)	\$18,809.19	\$23,200.00	\$23,200.00	\$23,200.00	Same
Storm Sewer System Map	\$2,300.00	\$2,300.00	\$4,300.00	\$4,300.00	Same
Other					