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, 2012 To March, 2013

Permit No. ILR40 0412

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

Name: CITY OF O'FALLON Mailing Address 1: 255 SOUTH LINCOLN AVNUE

Mailing Address 2: County: St. Clair

City: O'FALLON State: IL Zip: 62269 Telephone: 618-624-4500 EXT 3

Contact Person: DENNIS SULLIVAN (JONATHAN NOLAN) Email Address: DSULLIVAN@OFALLON.ORG
(Person responsible for Annual Report)

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

ST CLAIR COUNTY O'FALLON

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 ☐
2. Public Participation/Involvement ☐
3. Illicit Discharge Detection & Elimination ☐
4. Construction Site Runoff Control ☐
5. Post-Construction Runoff Control ☐
6. Pollution Prevention/Good Housekeeping ☐

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: 4/19/12

Jonathan Nolan Asst Engineering Project Manager

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

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.

B

Compliance with Permit Conditions

Public Education and Outreach

The City has well established formal communication practices with its citizens. Primary means of communication include a website (http://www.ofallon.org/), the City's quarterly newsletter, and City Council meetings which are televised. The Mayor's Office has a published hotline number which is well used by our citizens. Additionally, we have an informative web page dedicated to the SWMP and local newspapers have provided extended coverage of storm water activities within the community. Finally, the "After the Storm" brochure created by the EPA is freely available at the customer service counter.

In the City Quarterly, approximately thirty articles have been published since the inception of these requirements. Topics included such things as the Storm water Improvement study, a drainage study open house, problems from summer storms, GIS & CMMS with respect to the storm water improvement study and healthy household habits for clean water. A storm water telephone hotline has been established and is prominently displayed in each issue of the City Quarterly that reaches every home in the City. An active log for citizens, beyond those gathered by a consultant during the formulation of the Draft Storm water Master Plan, and City responses to those concerns are in place.

To date, there has been no interest by local school districts in developing any curriculum on storm water management or desiring the City Engineering and Public Works Staff to make presentations to classes despite the extension of the offer to the principals of those schools. The City of O'Fallon has provided copies of a crossword puzzle "Take the Storm water Runoff Challenge" (developed by the EPA) to the area schools for use in an appropriate grade level. The City will continue to offer the opportunity to the schools.

Interested citizens/citizens groups are often at the monthly Public Works Committee meeting and are allowed to freely converse with staff and City Aldermen at those events. Numerous on site-visits with citizens by Aldermen and staff have occurred over the past year.

The city holds an annual developer's/builder's conference at which building industry members are provided with knowledge of required permits for developments and interpretation of revisions to the ordinances. This information leads to the proper design of new development within O'Fallon. City staff holds weekly meetings to discuss development plans that are presented to the city to assure of proper design and calculation of storm systems along with other infrastructure. In June 2007, the City started a requirement for the developer or a representative of theirs to attend these meetings when their site is up for review and now know immediately what adjustments or steps will be needed to meet drainage regulations. This requirement has proved useful in assuring projects in the City are designed to City standards and as a cost benefit of the developer saving time in re-design.

Public Participation/Involvement

O'Fallon complies with open meeting rules of Illinois, and posts all agendas and minutes of its meetings on the city web site along with a live webcast of City Council meetings and on-demand playback of meetings. The Public Works Committee meetings have successfully served as a forum for citizen input as well as City Council meetings where the public in encouraged to address the full Council. Every Public Works Committee meeting has had a storm water issue as part of its agenda for the past 6 years. Progress of the establishment of a storm water utility

has slowed to a near halt. There is talk about bringing the idea forth once again, but there is no current timeline as to when the City will pursue establishing the utility.

The St. Clair County Soil & Water Conservation District conducts no-notice inspections of the numerous subdivisions and other projects under construction in O'Fallon, and the regional IEPA Storm water Manager is an O'Fallon resident, so there is an extra measure of state involvement in storm water activities within the City.

The adopt-a-street program also initiates public involvement. Community organizations such as the Explorers, Women's Club, university fraternities, local businesses and other area groups actively participate in keeping O'Fallon streets clean.

The City held an Electronics Collection Day on October 16, 2010 and an O'Fallon bank holds a collection event once a month from February to November.

The City also offers to service groups the opportunity to arrange service projects at city facilities in the forms of clean ups or plantings of trees, rain gardens and wetlands. With the goal of providing a "green" storm water option, the City would like to produce more rain garden or wetland type areas for detention ponds, swales, ditches, etc. This goal has brought interested groups inquiring about the projects and plans are being developed for these projects to occur. There is also interest from these groups to participate in stream cleanups of public areas with city parks and other green spaces.

Illicit Discharge Detection and Elimination

O'Fallon has developed a GIS system based on County tax data and 911 Office mapping and continues to inventory and inspect all storm water discharge points within the city and accurately locating all sanitary sewer trunk line infrastructure. The City has employed a retired NRCA stream bank specialist who has walked the three major streams and their tributaries that drain in the watersheds within the City, and rendered final reports. Engle, Rock Springs, and Ogles Creek reports have been previously provided.

Rhutasel and Associates have performed a survey and drainage study in older sections of town that has drainage systems that need improvements. The study will upgrade the system to accommodate for additional flow and properly drain the area that no longer utilized the current system in the way it was intended too.

Currently Ogles Creek is the only stream in the City on the 303(d) list and it is not expected to have TMDLs which indicate water quality impacts from storm water discharges. Therefore, the focus of the program to date is to identify during field inspections and through community involvement the presence of dry weather discharges and erosion along streams. Dry weather discharges are tested for fecal coliform if questionable at our wastewater treatment facility or nearby commercial lab.

Construction Site Stormwater Runoff Control

O'Fallon continues to stress control of pollutants in storm water runoff from construction activities. A recently revised ordinance is the legal mechanism used to require erosion and sediment controls at construction sites. The City's Code Enforcement personnel, along with the Engineering staff perform inspections as well as the County soil conservation officer and a local IEPA inspector.

The Engineering & Public Works Department has initiated use of an automated system to track complaints and concerns; however, complaints about construction activity are most often directed to the Planning & Zoning Department's Code Enforcement Officers. This City has an automated system (CityWorks) activated to provide a continuing log of complaints and mitigations.

Further work is needed to develop checklists to be used by inspectors in the field during daily activities. Currently inspectors just do drive-by visual inspections while performing other daily work assignments, there is currently not enough personnel for a full time inspection program. No written report is taken or records kept, but the long term goal is to establish an inspection system to ensure compliance. With the slow economy, development has considerably dropped off so a full-time inspection program is not needed at this time.

Post-Construction Stormwater Management in New Development and Redevelopment

O'Fallon minimizes pollutants in storm water runoff after construction completion through its existing ordinances. Bufferyard, silt fencing, and landscape requirements are used to minimize water pollution. The City, by annexation agreement, places the burden of existing storm water management on post-development land owners. In case of default, the city can impose service charges and take over that management.

Engineering has a checklist to ensure that storm water infrastructure and protection is in place at the end of the grading and infrastructure installation phase of subdivision development that provides for final inspections and developments to include check of swales, detention basins, inlets, etc. before sign-off by the inspectors.

Pollution Prevention/Good Housekeeping for Municipal Operations

O'Fallon addresses many aspects of this section under the previous five control measures. The City has dramatically increased its street sweeping activities through the purchase of 2 regenerative air sweeper in addition to our mechanical sweeper, addressing streets within the City that are the statutory responsibility of the County and State on a more frequent basis than those authorities provide service. The City also continuously maintains street inlets and ditches to assure proper drainage.

As for material storage, the City does not have to store a large amount of chemicals. Therefore, disposal, spill control and clean-ups have been minimal to non-existent for the past five years. Further development of equipment maintenance practices to prevent fluid spills, however, is still needed. Storage areas were constructed within the Public Works compound in August 2006 to safety store materials and prevent mixing and a release into neighboring areas and there are plans to construct additional units in summer 2012.

A new storage building was completed in the summer of 2008 with appropriate separators to remove vehicles and materials from the outside. The building sits adjacent to the headwater of Engle Creek so efforts were taken to assure the stream reach is property protected from erosion and pollution from Public Works operations. This was completed in conjunction with the work performed in 2007 to make the compound more aesthetically pleasing and provide for better drainage.

A plan is being developed for a cleaning facility for city vehicles, specifically the sweepers, so waste water from the cleaning can be properly disposed of without affecting ground water and spilling into the storm water system. It is unknown at this time where this location may be constructed, but for the time being the sweepers are now dumping at the O'Fallon Wastewater Treatment Plant for proper disposal.

The City uses the Illinois Department of Agriculture's licensing process and educational program to ensure applicators and operators of pest control materials are knowledgeable about their activities and potential for pollution.

The City completed a Detention Pond inventory in Fall 2007 and all are now viewable on our GIS system. Collection of storm water infrastructure is an ongoing process as the City attempts to have a complete map of all structures and pipe systems with a long-term goal of having a full model of O'Fallon storm water.

2011 again was a busy year for storm water repairs. Precipitation levels were about normal, but various problems came to notion that created the need for emergency repairs and evaluation. As shown in the attached 2011 construction project list (item F), a fair portion of the list shows repair and replacement along with other reconstruction items that dealt with storm water in some form. Many sections of town where the infrastructure is around 40-50 years old are beginning to fail where the bottoms are rusted out or headwalls and joints are giving in. Studies are being done on these areas to determine what type of fix is required and if other areas need attention before the failure point is reached. Many fixes have been done to repair the problems, but the overall cost is more than the City can handle at one time.

D

CY 2012 Storm Water Activities

Jamestown Culvert Repair

June 2012 – October 2012

Obernuefemann Railroad Crossing Repairs and Walkway Extensions

April 2012 – July 2012

Seven Hills - Vincennes Roundabout

May 2012 – September 2012

Milburn School Road Reconstruction

April 2012 – May 2013

Central Park Drive Pavement Replacement

August 2012 – October 2012

North Lincoln Reconstruction Phase 4

August 2012 – December 2012

Highway 50 Right Turn Lane Construction

August 2012 – June 2013

Venita & Highway 50 Intersection Improvements

September 2012 – May 2013

Venita Railroad Overpass

September 2012 – May 2014

Storm water Pipe Camera Work and Cleaning (Ongoing item)

May 2012 - November 2012

Storm water GIS Modeling/Locating (Ongoing)

July 2007 – December 2012

Developer's/Builder's Conference

June 2012

City Quarterly Newsletter Articles-Storm water Hotline Notice

April 2012, July 2012, October 2012, January 2013

Public Works Committee – Monthly Storm Water Agenda Item

January – December 2012

Notice of Use of Another Government Entity

Bill Polka
St Clair County Soil & Water Conservation District

Wayne Caughman
Environmental Protection Engineer
Illinois Environmental Protection Agency - Collinsville

For: Siltation and Erosion Control Inspections in Subdivision Developments and Road Projects

City of O'Fallon Construction Program

CY2011 Construction Projects					
Item	Project Title	Estimated Cost	Actual/Bid Cost	Funding Source	Comments
1	2nd & 3rd Streets' Alley Sanitary Sewer Main Replacement	$ 320,000	$ 464,586	SF	Under construction
2	Central Park Drive Repair, Phase 1	$ 220,000	$ 270,174	Prop S	Completed
3	City Hall Message Board	$ 24,000	$ 24,432	Multi	Completed
4	City Hall Roof Replacement	$ 162,900		Facilities	Completed
5	CY11 General Concrete Repair Program	$ 100,000	$ 60,056	Prop S	Completed
6	Famous Avenue Area Water Main Extension	$ 120,000	$ 39,130	WF	Completed
7	Jamestown Stormwater Culvert Pipe Repair	$ 163,481	$ 162,279	Prop S	Completed
8	Matthew Drive Stormwater Culvert Pipe & Area Remediation	$ 600,000	$ 379,088	Prop S	Under construction
9	Milburn School Road Reconstruction - Simmons to Merriam	$ 2,000,000	$ 2,275,587	MFT	Under construction
10	Perrin Road (Barco to Enos) WMR w/Durly to Traubel Extension	$ 160,000		WF	Design complete
11	Porter - Simmons Roundabout Construction	$ 500,000	$ 432,393	MFT	Completed
12	Public Works Operations Building Emergency Power Installation	$ 65,000	$ 20,933	W, SF	Completed
13	Rock Springs Parking Lot Extension	$ 200,000	$ 164,185	PF	Completed
14	Seven Hills Elevated Water Storage Tank Active Mixing Device	$ 50,000	$ 35,694	WF	Completed
15	Seven Hills Elevated Water Storage Tank Erosion Control	$ 25,000			Completed
16	Southview Drainage Repairs, Phase 3 - DCEO Grant	$ 89,000	$ 108,044	Grant	Completed
17	Venita Drive Sewer Main Relocation	$ 54,000		SF	Completed
18	Venita Drive Water Main Extension, Sports Park Entrance to Hwy 50	$ 200,000		WF	Completed
19	Wastewater Treatment Plant Sludge Lagoon Cleaning	$ 110,000		SF	Completed
20	Weil Road Resurfacing	$ 120,000	$ 118,984	Prop S	Completed
21	SCADA Installation at WWTP	$ 130,000		SF	Under construction
	Total	$ 5,413,381	$ 4,555,566		