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, 2013 To March, 2014

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 AVENUE

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: 5/19/14

Jonathan Nolan Printed Name: Engineering Project Manager 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/), email, 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 storm water management 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.

Due to funding and lack of interest, the City ended its publication of the City Quarterly, which provided several articles and updates on City projects as well as information on rules, guidelines and ordinances pertaining to storm water and other important public works areas. A storm water telephone hotline was established several years ago and is available on the City website. An active log for citizens, beyond those gathered by a consultant during the formulation of the Draft Storm water Master Plan, is kept 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 and is open to presenting more information should the interest arise.

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 normally 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. With the downturn of the economy resulting in less building and also no big changes in City codes and ordinances in relation to building, this conference has not been held in several years. There is discussion about holding it again in 2015 as a result of a proposed new subdivision and development ordinance, but it is all just a thought at this point. 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 8 years. Progress of the establishment of a storm water utility has slowed to a near halt. There is discussion about bringing the idea forth once again, but there is no current timeline as to if or 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 previously 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.

Various engineering consultants have performed surveys and drainage studies in older sections of town that have 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 can be 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 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 nor funding 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 ten years. 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 the near future.

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.

An additional salt storage unit was added in July 2012 to accommodate the extra amount of material the existing salt dome could not handle. That is not being utilized at this time due to the need of salt this past winter.

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.

2013 again was a busy year for storm water repairs. Precipitation levels were about normal and various problems continue to come to notion that create the need for emergency repairs and evaluation. As shown in the attached 2013 construction project list (item F), a small portion of the list shows repair and replacement along with other reconstruction items that dealt with storm water in some form. Most efforts were focused on larger projects. 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 and the collars around inlets and pipes are forming seep holes and creating sinkholes. Studies are being done on these areas and older ones 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 temporarily repair the problems, but the overall cost is more than the City can handle at one time to address all at one time.

D

CY 2014 Planned Storm Water Activities

Various Stormwater Repairs and Inlet Upgrades

January 2014 – December 2014

Madison-Illini Pedestrian and Bike Trail Connection

January 2014 –May 2014

New Fire/EMS and Parks Maintenance Facilities

December 2013 – August 2014

Venita & Highway 50 Intersection Improvements

May 2014 – August 2015

Venita Railroad Overpass

September 2014 – August 2015

Highway 50 Right Turn Lane Construction

September 2014 – June 2015

Storm water Pipe Camera Work and Cleaning (Ongoing item)

January 2014 - December 2014

Storm water GIS Modeling/Locating (Ongoing)

July 2007 – December 2014

Public Works Committee – Monthly Storm Water Agenda Item

January – December 2013

E

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

F

City of O'Fallon Construction Program

CY2013 Construction Projects					
Item	**Project Title**	**Estimated Cost**	**Actual/Bid Cost**	**Funding Source**	**Comments**
1	N. Lincoln Reconstruction/Overlay, Phase 4	$ 342,500	$ 288,856	Grant	Completed
2	8645 Hwy 50 Fencing	$ 75,000	$ 46,666	Multi	Completed
3	Community Park, Ballfield #1 Lighting	$ 120,000		Parks	Completed
4	Illini Drainage Culvert Reconstruction	$ 60,000	$ -	Private	Completed
5	602 Matthew Stormwater Repair	$ 50,000	$ 119,913	Prop S	Completed
6	CY13 General Asphalt Repair Program	$ 581,000	$ 485,403	Prop S	Completed
7	CY13 General Concrete Repair Program	$ 100,000	$ 105,293	Prop S	Completed
8	CY13 Parking Lot Sealing & Striping Program	$ 50,000	$ 19,842	Prop S	Completed
9	CY13 Sidewalk Repair Program	$ 50,000	$ 59,101	Prop S	Completed
10	Deer Creek/Amberleaf Stormwater Inlet Upgrades	$ 30,000	$ 34,817	Prop S	Completed
11	Park Street Sidewalk Extension - 4th to 5th Street at KCCC	$ 15,000	$ 6,133	Prop S	Completed
12	Shallowbrook Stormwater Culvert Replacement	$ 80,000	$ 123,834	Prop S	Completed
13	State Street Sidewalk Extension, Phase 1	$ 75,000	$ 86,286	Prop S	Completed
14	Wildwood Culvert Repair	$ 140,000	$ 120,986	Prop S	Completed
15	603 E. 2nd Sinkhole/Sanitary Sewer Main Relocation	$ 100,000	$ 257,579	SF	Completed
16	Annice Sewer Main Repair	$ 60,000	$ 37,870	SF	Completed
17	Deer Creek/Smiley Trunk Main Repair Stormwater Remediation	$ 200,000	$ 409,405	SF	Completed
18	North Trunk Main Repair, near Madison-Illini Trail Connector	$ 45,000	$ 16,335	SF	Completed
19	Taylor Road Sanitary Sewer Extension Project	$ 200,000		SF	Completed
20	Terminal Lift Station Fencing	$ 50,000	$ -	SF	Completed
21	Wastewater Treatment Plant Sludge Lagoon Cleaning	$ 115,000	$ 86,900	SF	Completed
22	Taylor Road Water Main Extension Project	$ 200,000		WF	Under Construction
	Total	$ 2,738,500	$ 2,305,219		