



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 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: JEFF TAYLOR (JONATHAN NOLAN) Email Address: JTAYLOR@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 | <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:

Jonathan Nolan

Printed Name:

5/31/16

Date:

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

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, Facebook, committee meetings, 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 when a project occurs. 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. The City has begun a new weekly online newsletter called Inside O'Fallon that is available through email and also available on the City website. A storm water online service request form 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 that 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 in the past 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.

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 is encouraged to address the full Council. Every Public Works Committee meeting has had a storm water issue as part of its agenda for more than 10 years. Progress of the establishment of a storm water

utility has slowed to a halt. It is unknown if the idea will come to fruition 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.

Various groups hold electronic recycling events throughout the year to further deter waste from entering landfills and promote recycling.

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. Development is on-going throughout the City, but state and local finances prevent the budgeting of a full-time erosion control specialist.

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 ownership of 2 regenerative air sweepers, 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 exist within the Public Works compound to safely store materials and prevent mixing and a release into neighboring.

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.

Collection of storm water infrastructure for the City's GIS system 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.

2015 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 2015 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.

CY 2016 Planned Storm Water Activities

Rebecca Drive Storm Water Repair

March 2016 – June 2016

Milburn Fairwood Simmons Roundabout

May 2016 – August 2016

Highway 50 Right Turn Lane Construction

June 2016 – September 2016

Exit 14 Interchange Beautification

June 2016 – November 2016

Presidential Street Storm Water Improvements

June 2016 – September 2016

Howard to Public Safety Building Area Drainage Improvements

June 2016 – September 2016

Greenmount Road Reconstruction

August 2016 – March 2017

Various Stormwater Repairs and Inlet Upgrades

January – December 2016

Storm water Pipe Camera Work and Cleaning (Ongoing item)

January - December 2016

Storm water GIS Modeling/Locating (Ongoing)

January – December 2016

Public Works Committee – Monthly Storm Water Agenda Item

January – December 2016

Notice of Use of Another Government Entity

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

F

CY2015 Construction Projects		
Item	Project Title	Estimated Cost
1	New Fire Station Training Ground	\$ 240,000
2	3rd & Lincoln Stop Sign LED Systems	\$ 15,000
3	Old Taylor Road Repair	
4	Westbrook (Juniper) Stormwater Remediation, Phase 1	\$ 125,000
5	Water Storage Building Fire Damage Remediation	\$ 150,000
6	E. Wesley Drive Reconstruction	\$ 730,000
7	Milburn School Road Reconstruction - OTHS to Old Collinsville Rd	\$ 1,080,000
8	8645 E. Hwy Compound Area Electircal/Lighting Upgrade	\$ 30,000
9	8645 E. Hwy Storage Building	\$ 150,000
10	CY15 General Asphalt Repair Program	\$ 545,000
11	CY15 General Concrete Repair Program	\$ 240,000
12	CY15 Parking Lot Sealing & Striping Program	\$ 20,000
13	CY15 Sidewalk Repair Program	\$ 80,000
14	State Street Railroad Crossing Improvement & Sidewalks	\$ 300,000
15	State Street Sidewalk Extension, Phase 2 (Countryside to Willow)	\$ 220,000
16	Community Park, South Toilet Block	\$ 40,000
17	Indian Springs Lift Station Replacement	\$ 200,000
18	Lift Station Generator Installations (3 each)	\$ 80,000
19	Wastewater Treatment Plant Sludge Lagoon Cleaning	\$ 180,000
20	WWTP Air Switch Replacement	\$ 26,836
21	Cedar-Monroe Water Main Loop/Replacement	\$ 75,000
22	PMKCRS Water Main Replacement, FVH Unincorporated Area	\$ 200,000
23	Quality Testing Area Drainage Improvement	\$ 20,000
24	Richmond Drive (FVH) Bridge Water Main Relocation	\$ 60,000
25	Rieder Road to Hageman Water Main Extension	\$ 400,000
26	Union Hill (FVH) Water Main Extension, Phase 1	\$ 521,000
		\$ 5,727,836