



# 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, 2016 To March, 2017

Permit No. ILR40 0424

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

Name: City of Peoria Mailing Address 1: 3505 N Dries Lane  
Mailing Address 2: \_\_\_\_\_ County: Peoria  
City: Peoria State: IL Zip: 61604 Telephone: 309-494-8800  
Contact Person: Andrea Klopfenstein Email Address: aklopfenstein@peoriagov.org  
(Person responsible for Annual Report)

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

City of Peoria

#### 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 checked="" 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))**

Bill Lewis  
Owner Signature:

5/30/17  
Date:

Bill Lewis  
Printed Name:

City Engineer  
Title:

EMAIL COMPLETED FORM TO: [epa.ms4annualinsp@illinois.gov](mailto: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

Attachments to Annual Facility Inspection Report  
General NPDES Permit for Discharges  
from Small Municipal Separate Storm Sewer Systems (MS4)  
City of Peoria, IL  
YEAR 1– MARCH 1, 2016 – FEBRUARY 28, 2017  
For Permit #ILR40-0424

Best Management Practices are derived from the Notice Intent for the March 1, 2016 - February 28, 2021 permit.

**Attachment A. Changes to Best Management Practices**

1. Public Education and Outreach
  - a. See attachment B.
2. Public Participation/Involvement
  - See attachment B.
3. Illicit Discharge Detection & Elimination
  - See attachment B.
4. Construction Site Runoff Control
  - See attachment B.
5. Post-Construction Runoff Control
  - See attachment B.
6. Pollution Prevention/Good Housekeeping
  - See attachment B.

**Attachment B.**

Status of Compliance with Permit Conditions

The City of Peoria has complied with applicable conditions of its NPDES Phase II Permit for the MS4 system during this reporting period, except as noted.

Assessment of Appropriateness of Identified BMP's

At this date, it is the opinion of City staff that the City of Peoria NOI includes Best Management Practices that are effective and appropriate for minimizing stormwater pollution.

Progress Towards a Reduction in Pollutants Discharged

Based on the achievement of measureable goals, it is the opinion of City staff that satisfactory progress has been made towards the goal of reducing the discharge of pollutants to the maximum extent practicable.

Progress Towards Achievement of Measurable Goals Identified for Permit Year 1

The status of progress towards achieving identified measureable goals for each of the minimum control measures is presented below.

BMP A. Public Education and Outreach

A.1 Distribute Paper Material

- The City distributed a handout titled “Rain Gardens”. The handout was available at the public works office and community events, approximately 100 distributed and an unknown number downloaded online. Approximately 500 native plant seed packets have been distributed.
- The City created and distributed a packet titled “Our Water, Our Way” which includes information on stormwater, combined sewer overflow (CSO) issues, green infrastructure, and pollution reduction. Included in the packets are the “Watershed Moments” which is a CSO timeline, “Investing in Smart Wet Weather Solutions” which contains information on a possible stormwater utility, “Co-Benefits of Green Infrastructure” which describes the additional benefits of green infrastructure, “Path to Stormwater” which describes the path runoff takes to the river, “What is Stormwater Infrastructure?” which describes different components of a storm water system, “Protecting Peoria from Pollution” which describes what individuals can do to help prevent pollution, “Where does it go when it Overflows?” which explains what a CSO system is and finally “Nature’s Water Filter, The Rain Garden” which describes what rain gardens and how they function. Approximately 300 were distributed at meetings, 100 at booth events, and an unknown number downloaded.
- The City continues to sponsor and partially fund a private property drainage program to address erosion and flooding on private property. Twelve (12) private property owners used this program during the reporting period. The City distributes a flyer describing the private property program and storm water issues when customers call. Approximately 100 flyers were distributed and an unknown number downloaded.
- The City notified in writing developers of NPDES requirements for approximately 32 pending projects. Copies of written notification are on

file. Information is distributed when projects apply for an erosion control permit.

#### A.6 Other Public Education (also labeled as A4.2)

- April 18, 2016, hosted a Storm Water booth for the “Clean Water Celebration” at the Peoria Civic Center with an attendance of approximately 2,000 people. The City distributed approximately 300 seed packets, and stormwater handouts were available. This event is targeted towards school groups.
- April 24, 2016 hosted a Storm Water/Rain Garden booth at the “Party for The Planet” event held at the Peoria Zoo with an attendance of approximately 250 people. The City distributed approximately 100 seed packets, and stormwater handouts were available. This event is targeted toward families.
- May 19, 2016 hosted a booth at Peoria Public Works Open house with an attendance of approximately 300 people. The City distributed approximately 100 seed packets, and stormwater handouts were available.
- October 22, 2016 hosted a booth at Peoria’s Cityfest 2016 with an attendance of approximately 500 people. The City distributed approximately 100 seed packets, and stormwater handouts were available.
- On various dates throughout the permit cycle, the City presented the “Our Water, Our Way” presentation to neighborhood and civic ground, City staff, and at conferences. The “Our Water, Our Way handouts”, seed packets and other storm water materials were distributed. The presentation was shown to approximately 300 people.

#### A Additional BMP completed

- The City’s Mayor’s Youth Group performed maintenance of the stormwater planters along Washington Street. There were over a dozen student workers.

#### BMP B. Public Participation/Involvement

##### B.3 Stakeholder Meeting

- The City did not hold a public meeting for public comment on the MS4 program. The City will perform this task in the future.

### B.3.2 Environmental Justice

- The City identified the environmental justice areas based on available map information online. This information was identified in March 2017 which is a month later than the end of year 1. The Notice of Intent said that the work would be completed in year 1.
- The City did not hold a public meeting for public comment on the MS4 program. The City will perform this task in the future.

### B.7 Other Public Involvement

- The City funded the Great American Clean Up, April 30, 2016 in several neighborhoods throughout the City, providing dumpsters for trash and landscape debris collected by volunteers.

### B Additional BMP completed

- Continued to use inlet grates with language “Dump no waste. Drains to River”. Stamped grates are installed in new subdivisions and inlets that are replaced.

## BMP C. Illicit Discharge Detection & Elimination

### C.1 Sewer Map Preparation Develop

- In addition to the AutoCAD Storm Sewer Outfall Map, the City started creating a GIS map of the storm water system. Due to funding issues, no additional GIS map elements were created in the reporting period. A total of 29.5 square miles has been mapped since the City began the mapping initiative.
- Stormwater outfall AutoCAD map completed in 2007; map on file.

### C.2 Regulatory Control Program

- The City continued enforcing existing illicit discharge ordinances.
- December 2, 2016 City and consultant staff gave a presentation to local consulting engineers and stakeholders regarding the upcoming (effective January 2017) changes to the stormwater and erosion control ordinance.

### C.4 Illicit Discharge Tracing Procedures

- The City continues to use PubWorks software to aid in tracking complaints at the City. Complaints and evaluations are recorded. Record on file.

- We received two reports of an illicit discharge in Creightonwoods Park. It appears to have been from the car wash cleaning out their filter into a storm drain. They have been notified that the inlet is for clean water only and they are not to clean out their filters to that drain. The other complaint was a white substance in the River similar to what was found the previous year from the Civic Center. The Civic Center was notified to disconnect their drain in 2015.
- The annual repair program repairs storm water infrastructure based on condition of the infrastructure. In the reporting period 30 project locations were repaired that included installing gabion baskets, manholes, fencing, inlet and outfall protection, performing pipe and outfall repairs, lining, replacing culverts, debris removal, grading and seeding, etc.

#### C.7 Perform dry weather screening outfall inspections

- The city performed dry weather screening to identify illicit discharges. None were reported. Approximately 170 (20%) of the 840 outfalls in the City were screened during dry weather. Report on file.
- City staff continued inlet inspection and repair maintenance program.

#### C.9 Public Notification

- The NOI does not have work being completed on this BMP in the 2016-2017 reporting cycle.
- The City created and distributed a packet titled "Our Water, Our Way" which includes information on stormwater, combined sewer overflow (CSO) issues, green infrastructure, and pollution reduction. Included in the packets are the "Watershed Moments" which is a CSO timeline, "Investing in Smart Wet Weather Solutions" which contains information on a possible stormwater utility, "Co-Benefits of Green Infrastructure" which describes the additional benefits of green infrastructure, "Path to Stormwater" which describes the path runoff takes to the river, "What is Stormwater Infrastructure?" which describes different components of a storm water system, "Protecting Peoria from Pollution" which describes what individuals can do to help prevent pollution, "Where does it go when it Overflows?" which explains what a CSO system is and finally "Nature's Water Filter, The Rain Garden" which describes what rain gardens and how they function. Approximately 300 were distributed at meetings, 100 at booth events, and an unknown number downloaded.

#### C.10 Other Illicit Discharge Controls

- The City continues to use PubWorks software to aid in tracking complaints at the City. Complaints and evaluations are recorded. Record on file. Complaints such as illicit discharges and illegal dumping are recorded and addressed.

#### BMP D. Construction Site Runoff Control

##### D.1 Regulatory Control Program

- The City continued enforcing the erosion and stormwater control ordinance that is on file. Revisions to the ordinance were made at the end of 2016. The revised ordinance went into effect in January 2017 to include a requirement for volume control practices for some projects as well as other minor updates. Included in the ordinance update is a reference to the Metropolitan Water Reclamation District of Greater Chicago (MWRD) technical guidelines. The ordinance had already referenced the Illinois Urban Manual.
- December 2, 2016 City and consultant staff gave a presentation to local consulting engineers and stakeholders regarding the upcoming (effective January 2017) changes to the stormwater and erosion control ordinance.

##### D4. Site Plan Review Procedure

- By Ordinance, the City required Erosion and Sediment Control Permits for projects meeting the guidelines. The City continued to review site plans for compliance with City ordinance requirements.

##### D.5 Public Information Handling Procedures

- PubWorks software is used to track complaints at the City. Complaints and evaluations are recorded. Record on file. The public can call in, email or use the Peoria Cares App to document a complaint.

#### BMP E. Post-Construction Runoff Control

##### E.2 Regulatory Control Program

- The City continued enforcing the erosion and stormwater control ordinance that is on file. The revised ordinance went into effect in January 2017 to include a requirement for volume control practices for some projects as well as other minor updates. Included in the ordinance update is a reference to the Metropolitan Water Reclamation District of Greater Chicago (MWRD) technical guidelines. The ordinance had already referenced the Illinois Urban Manual.

#### E.6 Post construction Inspections

- Due to staff reductions, post construction BMP inspection are performed by complaint only. The City uses a consultant to investigate complaints on private construction projects. City staff and/or consultants investigate complaints on City projects.

#### E.7 Other Post Construction Runoff Controls

- The ordinance revisions that went into effect in January 2017 address volume control on some new construction project. The City is looking at ways of incorporating green infrastructure on as many projects as possible to address stormwater volume, velocity and water pollution.
- On March 31, 2016 City Engineering staff gave the “Our Water, Our Way” presentation to the Public Works Staff Quarterly meeting. Approximately 90 public works staff members (all staff that were working that day) were in attendance.
- May 5 - 6, 2016 approximately 30 City employees attended the APWA conference at the Peoria Civic Center. Various NPDES topics were covered in sessions and many related vendors were present with displays.
- May 16-18 Five public works staff members visited Portland, Oregon and Seattle, Washington to learn about how those communities deal with storm water issues. In particular we discussed green infrastructure, construction, maintenance requirements, and community program.
- May 23-24, 2016 Five public works staff members attended the 2016 Stormwater Conference “StormCon” in Indianapolis, Indiana. The conference has speakers as well as displays set up by vendors. Public Works staff presented at two conference sessions, one on combined sewer overflows and the other on the City’s wet weather issues and needs.

#### E7.1 Develop and implement policies minimize the volume of runoff and pollutants

- The NOI does not have work being completed on this BMP in the 2016-2017 reporting cycle

#### E7.2 Develop and implement a process to assess the water quality impacts in the design of all new and existing flood management projects

- The NOI does not have work being completed on this BMP in the 2016-2017 reporting cycle

## BMP F. Pollution Prevention/Good Housekeeping

### F.1 Employee Training Program

- On March 31, 2016 City Engineering staff gave the “Our Water, Our Way” presentation to the Public Works Staff Quarterly meeting. Approximately 90 public works staff members (all staff that were working that day) were in attendance.
- May 5 - 6, 2016 approximately 30 City employees attended the APWA conference at the Peoria Civic Center. Various NPDES topics were covered in sessions and many related vendors were present with displays.
- May 16-18 Five public works staff members visited Portland, Oregon and Seattle, Washington to learn about how those communities deal with storm water issues. In particular we discussed green infrastructure, construction, maintenance requirements, and community program.
- May 23-24, 2016 Five public works staff members attended the 2016 Stormwater Conference “StormCon” in Indianapolis, Indiana. The conference has speakers as well as displays set up by vendors. Public Works staff presented at two conference sessions, one on combined sewer overflows and the other on the City’s wet weather issues and needs.

### F1.1 Develop and provide annual employee training

- On March 31, 2016 City Engineering staff gave the “Our Water, Our Way” presentation to the Public Works Staff Quarterly meeting. Approximately 90 public works staff members (all staff that were working that day) were in attendance.
- December 2, 2016 City and consultant staff gave a presentation to local consulting engineers and stakeholders regarding the upcoming (effective January 2017) changes to the stormwater and erosion control ordinance.
- Additional training material and topics will be covered in future years

### F.3 Municipal Operations Storm Water Control

- Reviewed policies and procedures to minimize the discharge of pollutants from municipal properties, infrastructure and operations.

### F.6 Other Municipal Operations Controls

- The City will continue to store deicing materials in permanent or temporary structures or under tarps and as far from storm drains as possible.

### **Attachment C. Results of Information Collected and Analyzed, Including Monitoring Data**

- The City has not created a formal stormwater monitoring and assessment program due to lack of resources. We will accomplish this task in the next permit cycles. We have installed green infrastructure BMPs for the Adams St Pilot project and have monitors in place. We are working to install additional monitors on those BMPs to monitor each BMPs effectiveness. We also have been creating maps of green infrastructure BMPs.
- Please note that the City Fire Department has jurisdiction over and documentation responsibility for hazardous material spills.
- No illicit discharges were discovered during dry weather screening of the outfalls in 2016.
- Two illicit discharges were reported and investigated. A discharge similar to the 2015 Peoria Civic Center issue was reported. The Civic Center was notified. The second illicit discharge was reported in Creightonwoods Park. It appears to have been from the car wash cleaning out their filter into a storm drain. They have been notified that the inlet is for clean water only and they are not to clean out their filters to that drain.

### **Attachment D. Summary of Stormwater Activities Planned by the City of Peoria During the Next Reporting Cycle**

#### BMP A. Public Education and Outreach

- Continue program.
- Create new stormwater educational materials.

#### BMP B. Public Participation/Involvement

- Continue program.
- Hold stakeholders meeting.

#### BMP C. Illicit Discharge Detection & Elimination

- Continue program.
- Make progress on GIS mapping of storm sewer system.
- Review current ordinances.
- Create new public education materials.

#### BMP D. Construction Site Runoff Control

- Continue program.

- Review current ordinances.

BMP E. Post-Construction Runoff Control

- Continue program.
- Review current ordinances.
- Develop a process to assess the water quality impacts in the design of all new and existing flood management projects.

BMP F. Pollution Prevention/Good Housekeeping

- Continue program.
- Update policies and procedures to minimize the discharge of pollutants from municipal properties, infrastructure and operations.
- Develop additional training materials for employees.

**Attachment E. Notice of Reliance on Another Government Entity**

The City of Peoria is not relying on another government entity to formally satisfy permit obligations.

**Attachment F. Construction Projects Funded by the City of Peoria and covered by General Permit ILR400424:**

Community Investment Plan (CIP) Projects

- Private Property Program Various Locations- 12 completed (multiple sites less than 1 ac each)
- Sidewalk programs- various locations (multiple sites less than 1 ac each)
- GPSD Capital Sewer Maintenance (multiple sites less than 1 ac each)
- Sheridan Bridge (less than 1 ac)
- Sheridan Road
- Allen & Alta Road Intersection Improvement
- Stenning Drive reconstruction
- Delmar Ave Reconstruction
- Columbine Reconstruction
- Manor Parkway reconstruction
- University Street Forrest Hill to War Memorial Drive
- Adams St Pecan to Persimmon Pilot Project
- 2016 Sealcoating project (multiple sites less than 1 ac each)
- 2016 Slurry Seal project (multiple sites less than 1 ac each)
- 2016 CRF project (multiple sites less than 1 ac each)

Annual Storm Sewer Repair Projects (multiple sites less than 1 ac each)  
5015 N Mansfield

Kristin Ct  
2405 Imperial  
6804 Parkwood Dr  
Allen Rd & Willow Knolls  
Nebraska Scour  
4530 Broyhill Ct  
Holly Hedges/Devereux  
2400 Madera Ct  
5015 Mansfield  
Hampshire Rd  
Tamarack  
Austin & Graceland  
Hampshire Rd  
5506 Graceland  
6537 Ridgefield  
Allen Rd & Willow Knolls  
Stonehenge  
5018-5020 N Sunnybrook pt repair/liner  
Nebraska & California SE Corner  
Clarewood & Westbrook  
Daytona & Graceland  
St Michael Ct  
2710 N Renwood  
5901 Sheridan  
6411 Live Oak  
3005 Westport-point repair  
3615 Grandview Dr  
3005 Westport  
6438 N Oakbrook Ct

**Prepared by:**  
**City of Peoria**  
**3505 N. Dries Lane**  
**Peoria, IL 61604**

**May 2017**