



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, 2019 To March, 2020

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 checked="" 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))

Andrea Klopfenstein
Owner Signature:

05/19/20
Date:

Andrea Klopfenstein

City Stormwater Engineer

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.

Attachments to Annual Facility Inspection Report
General NPDES Permit for Discharges
from Small Municipal Separate Storm Sewer Systems (MS4)
City of Peoria, IL
YEAR 4– MARCH 1, 2019 – FEBRUARY 29, 2020
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
 - 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 3

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 50 distributed and an unknown number downloaded online.
- The City 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 are and how they function. Approximately 50 were distributed at meetings, 50 at booth events, and an unknown number downloaded.
- The City distributed the Credit and Grant manual which describes the stormwater utility Credits and Grants available and includes some basic stormwater education. Approximately 12 copies of the manual were distributed and an unknown number downloaded.
- The City notified developers of NPDES requirements for approximately 31 potential projects, with permits issued for of those 18 projects. Copies of written notification are on file. Information is distributed when projects request information for an erosion control permit.

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

- March 13, 2019 Presentation on stormwater issues to the University of Illinois Landscaper Architecture class. Approximately 30 attendees.
- April 28, 2019 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.
- April 29, 2019, 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.
- May 23, 2019 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. This event is targeted toward families.
- July 19, 2019 Presentation on Green infrastructure the City is doing on current projects to the Peoria Count Master Gardener’s group. Approximately 25 attendees
- The city maintains the PeoriaStormwater.com website which has educational materials on stormwater related topics.

A Additional BMP completed

- The City’s Mayor’s Youth Program performed maintenance of some stormwater planters, and placing mulch, they also participated in neighborhood cleanups (litter pickup). There were approximately 20 student workers.
- Peoria Corps is a program intended for disadvantaged persons and is a group of 7-10 people for each cohort. The PeoriaCorps members were taught job training for maintenance of green infrastructure and maintained the public works rain garden, the Washington Street planter boxes

BMP B. Public Participation/Involvement

B.3 Stakeholder Meeting

- March 13, 2019 Presentation on stormwater issues to the University of Illinois Landscaper Architecture class. Approximately 30 attendees.

- July 19, 2019 Presentation on Green infrastructure the City is doing on current projects to the Peoria Count Master Gardener's group. Approximately 25 attendees

B.3.2 Environmental Justice

- We did not complete the meeting within this permit year. We intend to complete it in the next few years and hope to tie it into a meeting with the Combined Sewer Overflow. We have identified the environmental justice areas using the Environmental Protection Agency's EJSCREEN tool. The environmental justice areas in Peoria are mostly in the City's CSO area. There are a couple of environmental justice areas north of Nebraska and east of I 74 that are in the MS4 Area.

B.7 Other Public Involvement

- The City continues to sponsor and fund a private property drainage program to address erosion and flooding on private property. Twenty nine (29) private property owners were approved to use this program during the reporting period.
- The City started funding the rain barrel grant program in January 2019. The grant funds \$50 per 55 gallon or larger rain barrels up to two per property. During the reporting period, 70 rain barrels for 46 properties were funded with this program.
- The City started funding the Green Infrastructure grant program in January 2019. Three projects were approved during the reporting period.
- The City funded the Great American Clean Up, April 27th, 2019 in several neighborhoods throughout the City, providing dumpsters for trash and landscape debris collected by volunteers.
- The City supports the Mayor's litter Commission which is a litter pickup group with approximately 100 people.
- According to PubWorks 215 calls were logged in the reporting period related to drainage or stormwater utility issues

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

- The City continues to work on developing a GIS map of the storm water system. Some additional GIS map elements were mapped in the reporting period. A total of 33 square miles of the City has been mapped, with 130 miles of pipe, 562 outfalls, and 9,229 storm sewer structures mapped through this effort.
- Stormwater outfall AutoCAD map completed in 2007; map on file.

C.2 Regulatory Control Program

- The City continued enforcing existing illicit discharge ordinances. We are currently working with other departments to identify additional policies, procedures and ordinance changes that may be necessary for Public Works staff to enforce city ordinances. This is an ongoing process. If ordinance changes are required, they would require City Council approval which could extend our expected timeline. The City recognizes that enforcement of the stormwater ordinances needs to be strengthened. This is a major change for the city that will require possible ordinance changes, procedural changes, and staff from multiple departments to support it.

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. Records on file. Below are the illicit discharges that were reported to Public Work during the reporting period.
- May 5, 2019 a letter was sent to the neighborhood around E Shady Oak Drive about an illicit discharge found in the creek.
- June 2, 2019 an illicit discharge was reported by the Peoria Park District. The Park district reported to the IEPA and cleaned up the spill.
- June 3, 2019 a complaint about not using the stormwater pollution prevention plan was sent to the IEPA about the Northmoor Road project. The consultant overseeing the project responded that erosion controls are in place and functioning and that inspections are up to date.
- June 26, 2019 a leak of hydraulic oil occurred at Peoria Public Works Facility, 3505 N Dries lane. Public Works cleaned up the spill.

- July 29, 2019 a letter was sent to the owner of an auto maintenance facility at 2723 N Victoria about an illicit discharge found in their neighborhood

C.7 Perform dry weather screening outfall inspections

- Outfalls were screened as part of the GIS mapping project. Screening of outfalls helps to identify illicit discharges.
- City operation staff continued inlet inspections and performed routine maintenance and repair.

C.9 Public Notification

- 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 50 were distributed at meetings, 50 at booth events, and an unknown number downloaded.
- The city maintains the PeoriaStormwater.com website, Learn the Issues section/Pollution Overview, which has educational materials on stormwater related topics.

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 uses a consultant to review projects during construction on a complaint basis to enforce the erosion and stormwater control ordinance that is on file.

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. Currently the City is only reviewing enforcements by complaint.
- The city

E.6 Post construction Inspections

- Due to staff reductions, post construction BMP inspection are performed by complaint only. City staff or a consultant are used 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 City is looking at ways of incorporating green infrastructure on as many projects as feasible to address stormwater volume, velocity and water pollution.
- May 1-3, 2019 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.

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

- The City adopted the volume control ordinance in 2016 effective January 1, 2017. The volume control ordinance requires that projects that disturb over 5,000 sf provide volume control practices to control the first inch of runoff from the impervious area of development on the site.

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

- In 2018 the City hired a consultant to put together a water quality monitoring plan. The consultant took the first set of quarterly samples on February 6, 2019. The 2019 data is posted on our website. The city is working on setting up TMDL sampling in the future, as resources allows.

BMP F. Pollution Prevention/Good Housekeeping

F.1 Employee Training Program

- April 8-10, 2019, 4 employees attended the ICAT conference in East Peoria. The conference has speakers as well as displays set up by vendors.
- May 1-3, 2019 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.
- August 28, 2019 PW staff attended Central Illinois Flood Preparedness and Response Workshop. The training was provided by the Army Corps of Engineers staff. The training included technical information with logistics and resources topics.
- Training specifically for contractors was not completed by the City of Peoria. Some contractor attended the APWA conference. Consultants attended the ICAT, APWA and Central Illinois Flood Preparedness training sessions.

F1.1 Develop and provide annual employee training

- Additional training material and topics will be covered in future years. The City was on the American Public Works Association (APWA) local chapter conference committee helping to line up speakers on stormwater issues for the May 2020 conference. The conference was canceled due to COVID-19.

F.3 Municipal Operations Storm Water Control

- The City will review policies and procedures to minimize the discharge of pollutants from municipal properties, infrastructure and operations in the future.

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

- In 2018 the City hired a consultant to put together a water quality monitoring plan. The consultant took the first set of quarterly samples on February 6, 2019. The 2019 sampling report is available on the peoriastormwater.com website. The city is working on setting up TMDL sampling in the future, as resources allows.
- We have installed green infrastructure BMPs for the Adams St Pilot project and will have monitors in place. 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.
- See section C4 for the illicit discharges that were reported and investigated.

Attachment D. Summary of Stormwater Activities Planned by the City of Peoria During the Next Reporting Cycle Year 5 March 1, 2020 – February 28, 2021

BMP A. Public Education and Outreach

- Continue program.
- Distribute stormwater educational materials.
- Hold one presentation

BMP B. Public Participation/Involvement

- Continue program.
- Hold stakeholders meeting including environmental justice.
- Support Great American Cleanup

BMP C. Illicit Discharge Detection & Elimination

- Continue program.
- Develop prioritization plan for dry weather screening.
- Continue GIS mapping of storm sewer system.
- Review current illicit discharge ordinances.
- Distribute public education materials.

BMP D. Construction Site Runoff Control

- Continue program.
- Continue reviewing projects and issuing Erosion and Sediment Control Permits

- Review current erosion and sediment control ordinances.

BMP E. Post-Construction Runoff Control

- Continue program.
- 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 and contractors.

Results of Information of Collected and Analyzed, Including Monitoring Data

- In 2018 the City hired a consultant to put together a water quality monitoring plan. The consultant took the first set of quarterly samples on February 6, 2019. The 2019 sampling report is available on the peoriastormwater.com website. The city is working on setting up TMDL sampling in the future, as resources allows.

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:

- Sidewalk programs- various locations (multiple sites less than 1 ac each)
- Greater Peoria Sanitary District (GPSD) Capital Sewer Maintenance (multiple sites less than 1 ac each)
- North University Street (Pioneer Parkway to Townline Road)
- MacArthur Highway Bridge
- Northmoor Road (Allen to University)
- Sheridan Road Overlay (Loucks to Florence)
- 2019 Sealcoating project (multiple sites less than 1 ac each)
- Concrete Repair Contract (multiple sites less than 1 ac each)
- Teton Neighborhood Culverts Replacement
- Oak Cliff Court Culverts Replacement

- Annual Storm Sewer Repair Projects (sites less than 1 ac each)

| |
|-----------------------|
| N Jamestown Rd |
| W Ravinwoods Rd |
| N Post Oak Rd |
| N Clarewood Ave |
| 2021 N Clarewood Ave |
| Lake & Sheridan- |
| N Timber Cir |
| W Marlene Ave |
| N Boulevard Ave |
| N Sommer St |
| north W Teton Dr/N |
| University St |
| W West Aire Ave |
| N Fox Point Dr |
| N Mansfield Dr |
| near Wilcox & Isabell |
| NW of Sheridan & Glen |

- Private Property Program 29 completed (sites less than 1 ac each)

| PIN | House # | Direction | Street Name | Suffix |
|------------|---------|-----------|-----------------|--------|
| 1426128001 | 4025 | N | Harmon | Ave |
| 1426128003 | 2321 | E | Bishop | Ave |
| 1426103001 | 4700 | N | Grandview | Dr |
| 1310328004 | 7006 | N | Ironwood | Dr |
| 1417304013 | 5817 | N | Graceland | Dr |
| 1408306012 | 1729 | W | Willow Wood | Dr |
| 1312426013 | 3217 | W | Chadwick | Ln |
| 1409479007 | 767 | E | High Point | Ter |
| 1417305024 | 6003 | N | Rosemead | Dr |
| 1421258050 | 5200 | N | Knoxville | Ave |
| 1419228016 | 1915 | W | White Oak | Dr |
| 930229002 | | | detention basin | |
| 1314226006 | 4507 | W | Knob Oak | Dr |
| 929356001 | 1716 | W | Geneva | |
| 1312428004 | 3210 | W | Forsythe | Rd |
| 1313106037 | 4005 | | Carousel | Ln |

Attachments to Annual Facility Inspection Report NPDES MS4

City of Peoria, Permit ILR400424

Year 4: MARCH 1, 2019 – FEBRUARY 28, 2020

Page 12

| | | | | |
|------------|-------|---|-------------|-----|
| 930331030 | 2622 | W | Stonehenge | |
| 825201009 | 11331 | N | Stone Creek | Dr |
| 1418478010 | 5626 | N | Renwood | Ave |
| 1428206010 | 4006 | N | Brookridge | Pl |
| 1421377018 | 333 | W | Stonegate | Pl |
| 920477006 | 709 | W | Bridgetowne | Ct |
| 825201010 | 11325 | N | Stone Creek | Dr |
| 825201011 | 11319 | N | Stone Creek | Dr |
| 930479021 | 2017 | W | Casecreek | Dr |
| 930227001 | 2208 | W | Brooklyn | Pl |
| 930479015 | 1913 | W | Casecreek | Dr |
| 930479014 | 1915 | W | Casecreek | Dr |
| 930479013 | 1919 | W | Casecreek | Dr |
| 1428331017 | 107 | W | Merle | Ln |

Prepared by:
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Public Works Department
City of Peoria
3505 N. Dries Lane
Peoria, IL 61604
May 2020