



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, 2021 To March, 2022

Permit No. ILR40 0424

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

Name: City of Peoria Mailing Address 1: 419 Fulton
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 checked="" type="checkbox"/> | 4. Construction Site Runoff Control | <input checked="" type="checkbox"/> |
| 2. Public Participation/Involvement | <input checked="" type="checkbox"/> | 5. Post-Construction Runoff Control | <input checked="" type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input checked="" type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input checked="" 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:

05/26/2022
Date:

Andrea Klopfenstein, PE
Printed Name:

City Engineer
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 1– MARCH 1, 2021 – FEBRUARY 28, 2022
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
 - Due to COVID the public events that the City normally attends to host a booth and provide public education and outreach were cancelled.
 - See attachment B.
2. Public Participation/Involvement
 - Due to COVID in person public meetings and events were cancelled.
 - 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
 - Due to COVID the APWA conference where staff training normally occurs was held virtually.
 - 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 measurable 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

The status of progress towards achieving identified measurable 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, where they were 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. Packets were distributed at meetings and an unknown number downloaded.
- The Credit and Grant manual which describes the stormwater utility Credits and Grants available and includes some basic stormwater education were distributed and an unknown number downloaded.
- The City notified developers of NPDES requirements for approximately 25 potential projects, with permits issued for 18 of those 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)

- Public Presentations were cancelled due to COVID
- “Party for The Planet” event normally held at the Peoria Zoo was cancelled due to COVID

- “Clean Water Celebration” normally held at the Peoria Civic Center was cancelled due to COVID
- Peoria Public Works Open house was cancelled due to COVID.
- 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 12 student workers at the start of the program. The program was shortened and there were less students due to COVID.
- Peoria Corps is a program intended for disadvantaged persons and is a group of 7-10 people for each cohort. Two (2) cohorts were trained in 2021. The PeoriaCorps members were taught job training for maintenance of green infrastructure and maintained the public works rain garden and the Washington Street planter boxes

BMP B. Public Participation/Involvement

B.3 Stakeholder Meeting

- Public Presentations were cancelled due to COVID

B.3.2 Environmental Justice

- Public Presentations were cancelled due to COVID. 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’s MS4 area are generally west of Dry Run Creek and up to War Memorial Drive to the north, as well as in the City’s CSO 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-four (24) private property owners were approved to use this program during the reporting period.
- The City continued funding the rain barrel grant program. The grant funds \$50 per 55 gallon or larger rain barrels up to two per property. During the reporting period, 12 rain barrels were funded with this program.

- The City continued funding the Green Infrastructure grant program in January 2019. Five projects were approved during the reporting period.
- The City funded Great American Clean Up, was held April 24, 2021.
- The City supports the Mayor's litter Commission which is a litter pickup group with approximately 100 people participating.
- According to PubWorks, 314 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. To date, the project mapped 153.5 miles of storm sewer across 36.15 square miles of the City. See Exhibit 1.
- 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 and maintained on file. There were no illicit discharges reported to Public Work during the reporting period.

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. To date, 464 outfalls have been mapped.
- 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. Packets were distributed 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. Two complaints were received in 2021 and both were quickly resolved.

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. Twenty-Five (25) site plans were reviewed in 2021.
- The city hosts a virtual weekly meeting between staff, consultants, developers and property owners to discuss stormwater requirements and programs titled, “One Stop Shop”.

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. Two complaints were received in 2021 (the same two as in D.1).

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.

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.
- The 2021 APWA conference at the Peoria Civic Center was held virtually due to COVID.

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 prepare a water quality monitoring plan. The consultant took the first set of quarterly samples on February 6, 2019. The 2019-2021 data is posted on our website and attached as Exhibit 2. The city is working on establishing TMDL monitoring. Two locations will be monitored and sampled starting in 2022. Equipment includes samplers, flow meters and enclosures totaling approximately \$28,000. Two additional rain gauges have been added to the rainfall monitoring network: one at Public Works on Dries Lane and the other at Mt. Hawley Airport west of Knoxville Avenue.

BMP F. Pollution Prevention/Good Housekeeping

F.1 Employee Training Program

- The 2021 ICAT conference was cancelled due to COVID.
- The 2021 APWA conference at the Peoria Civic Center was held virtually, due to COVID.
- Training specifically for contractors was not completed by the City of Peoria.

F1.1 Develop and provide annual employee training

- Additional training material and topics will be covered in future years. The City assisted the American Public Works Association (APWA) local chapter conference committee helping to line up speakers on stormwater issues for the May 5-6, 2021, conference

F.2 Inspection and Maintenance Program

- City streets were swept 9 times, removing 2,700 tons of debris and 211,269 feet of storm sewer was inspected and rated.
- Other storm water related maintenance activities are summarized in Exhibit 3.

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.

- In 2018 the City hired a consultant to prepare a water quality monitoring plan. The consultant took the quarterly samples in 2020. The 2020 sampling report is available on the peoriastormwater.com website. The city is working on setting up TMDL sampling in the future. See attached water quality report, as Exhibit 2.
- 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 March 1, 2022 – February 28, 2023

BMP A. Public Education and Outreach

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

BMP B. Public Participation/Involvement

- Continue program.
- Hold a stakeholder meeting in an environmental justice area.
- Schedule a public meeting to provide the public an opportunity to provide input into adequacy of the city's MS4 program.
- 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 and update where needed.
- 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.
- Document on-site inspection protocols.

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.
- Develop a plan to inspect and inventory public and private BMPs.

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 operations staff and implement training.
- Prepare a city-wide Pollution Prevention & Good Housekeeping plan to guide these efforts.

Results of Information of Collected and Analyzed, Including Monitoring Data

- In 2018 the City hired a consultant to prepare a water quality monitoring plan. The consultant took the first set of quarterly samples on February 6, 2019, and continued sampling through 2020. The 2021 sampling report will be available on the peoriastormwater.com website. The city is working on setting up TMDL sampling in the future.

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) Construction Projects (many projects were delayed due to COVID):

- Merle & Knoxville Culvert- design only during this permit cycle
- Glen Ave - War Memorial Drive to University Street- design only during this permit cycle
- Rock Island Greenway Trail
- Western Avenue Reconstruction

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

Project List

924 Bridgetown Court
1614 E. Lake Street
5118 N. Sherbrook Lane
408 W. Westwood Drive

3716 Verner Drive
412 Collingwood Circle
6601 N. Post Oak Road
225 Detweiler Drive
4918 N. Sherwood Avenue
3809 Woodtrail Court
3357 W. Lexington
9169 N. Picture Ridge Road
W. Albany Avenue and Stanley
N. Isabelle Avenue
1021 Nebraska Avenue
616 Brook Forest Drive
2914 W. Brookside Drive
11321 N. Hickory Woods Court
2800 Montana Street
412 W. Birchwood Avenue
3330 Overbrook Drive
2601 N. Kingston Drive
2814 Overbrook Court
3033 Ward Cliffe Drive
2622 Woodhaven Drive
3216 Isabell and Hudson
3425 Villa Ridge
3428 Dorchester Ridge
3420 Baskin Ridge
Hawthorne Place and North Street
Hawthorne Place and North Street (liner)
435 Detweiler Avenue
3216 Isabelle and Hudson

- Private Property Program List - 24 projects approved (sites less than 1 ac each)

Address Name
2311 W. Chandler Court
2325 W. Chandler Court
2327 W. Chandler Court
2331 W. Chandler Court
2409 W. Chandler Court
2411 Chandler Court
2417 Chandler Court

2419 Chandler Court
11200 N. Daniel Street
5925 N. Elm Lane
2038 W. Geneva Road
2129 W. Geneva Road
2135 W. Geneva Road
2145 N. Hampton Court
5003 W. Newcastle Drive
5003 W. Newcastle Drive
501 W. Red Oak Court
5916 W. Ridgecrest Court
1859 W. Teton Drive
608 W. Thousand Oaks Drive
6914 N. Upper Skyline Drive
4820 N. Westbrook Drive
Westporte Apartments
416 W. Wolf Road

Prepared by:
Engineering Division
Public Works Department
City of Peoria
3505 N. Dries Lane
Peoria, IL 61604
May 2022