

Attachments to Annual Facility Inspection Report
General NPDES Permit for Discharges
from Small Municipal Separate Storm Sewer Systems (MS4)
City of Peoria, IL
YEAR 3– MARCH 1, 2018 – FEBRUARY 28, 2019
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 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 150 were distributed at meetings, 100 at booth events, and an unknown number downloaded.
- The City continues to sponsor and fund a private property drainage program to address erosion and flooding on private property. Twenty eight (28) 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 25 flyers were distributed and an unknown number downloaded.
- The City notified in writing developers of NPDES requirements for approximately 34 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 29, 2018 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 23, 2018, 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 24, 2018 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.

A Additional BMP completed

- The City’s Mayor’s Youth Program performed maintenance of some stormwater planters and participated in neighborhood cleanups (litter pickup). There were over a dozen student workers.
- Peoria Corps is a program intended for young adults ranged from 18-24 and is a group of about 7 people who were taught job training for maintenance of green infrastructure installations. Corps members worked alongside Public Works employees within the Forestry Division to remove invasive species from a recreational facility within the city alongside streams to improve stormwater flow. Corps members also organized several community service projects that included working with Peoria Public School students on environmental topics and worked on the school grounds to improve landscape and stormwater flow.

BMP B. Public Participation/Involvement

B.3 Stakeholder Meeting

- January 10 and 17, 2018, the City held two Stormwater vs CSO meetings which included information regarding the MS4 program with a combined attendance of 25.

- May 10, 2018, the City held a meeting at the Downtown Advisory Commission regarding the stormwater utility with an attendance of approximately 15.
- April 12, 2018, the City held a meeting with Peoria Area Relators regarding the stormwater utility with an attendance of 23 people.
- March 21, 2018, the City held a meeting with Peoria Area Homebuilders regarding the stormwater utility with an attendance of 40 people.
- May 8 and 22, 2018, there were two council meetings with regards to the stormwater utility.
- There was City Hall staff training that included 15 employees to educate staff on Stormwater utility topics.
- June 4 and 7, 2018 the City held two meetings with a neighborhood associations regarding the stormwater utility with approximately 15 people attending.
- June 16, 2018, the City held a meeting with Southside Community United for Change, Inc. regarding the stormwater utility with an attendance of 22 people.
- September 26, 2018, the City held a meeting with Park Place HOA regarding the stormwater utility with an attendance of 9 people.

B.3.2 Environmental Justice

- We did not complete the meeting within the permit year. We intend to complete next year.

B.7 Other Public Involvement

- The City funded the Great American Clean Up, April 28th, 2018 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.

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 continues to work on developing a GIS map of the storm water system. Some

additional GIS map elements were created in the reporting period. A total of 120 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. 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. If ordinance changes are required, they would require city council approval which could extend our expected timeline.

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.
- April 5, 2018, we received an anonymous call about witnessing a company dumping a blue barrel full of rust remover chemicals down the City sewer system. The caller said they have seen this happen at least a couple times. They also said it wasn't a daily occurrence but as soon as the barrel was full it would be dumped. A City representative went to investigate and spoke with a representative with the company. It was understood that dumping the material down the sewer was illegal. The storm drains were checked additionally after the report to ensure it didn't continue.
- May 7th, 2018 we received a called from the sanitary district. They found evidence of sanitary sewage in a City storm sewer. The sanitary district was directed to look for any illegal connections to the storm sewer and research tap records to see if we can narrow in on the potential bad connection. The storm sewer was traced far downstream to look for evidence of pollution reaching land or open water. There wasn't apparent evidence in need of immediate action. From the sanitary district's investigation, there were three sanitary service lines connected to the storm sewer in the block and that the lateral separation between the storm and sanitary lines was about 3ft. The sanitary district was directed to have the services property re-routed and also doing necessary point repairs and manhole repairs on the storm and sanitary line at the same time.
- On December 6, 2018, we received a call from an IEPA local representative about a sheen located by a park area in Dry Run Creek. A site visit was done to the park area for evidence of a substance but did not

find anything. We then spoke to the park district maintenance building that is close by. They were the ones who originally saw the sheen and showed us pictures. We continued the search up Dry Run Creek and went to businesses that may have been the source. Overall, we were unable to find a definite source and it appears to be a onetime incident. We informed the Park District to let us know immediately if this happens again.

- A resident called the IEPA on December 28th, 2018 to inform about a contractor dumping a concrete/sand mixture into the creek across the street from their property. The IEPA contacted the City and we inspected the issue. A contractor was working on an electrical project and had washed out some sort of flowable fill mixture into the creek by the utilities. It was not plugging the culvert downstream. The City spoke with the property owner and the contractor's representatives. The City contacted the CEO of the contracting company about proper disposal of any material that includes natural or manmade materials being disposed of into the stream or creek.

C.7 Perform dry weather screening outfall inspections

- The city did not perform dry weather screening to identify illicit discharges as there was not enough funding. We will continue dry weather screening in the future.
- City staff continued inlet inspection and repair maintenance program.

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 150 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 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.

E.6 Post construction Inspections

- Due to staff reductions, post construction BMP inspection are performed by complaint only. City staff is 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 possible to address stormwater volume, velocity and water pollution.
- May 2-4, 2018 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 12-15, 2018 Four public works staff members attended the 2018 Low Impact Development Conference in Nashville, Tennessee. The conference has speakers as well as displays set up by vendors.

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 2018-2019 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 2018-2019 reporting cycle

BMP F. Pollution Prevention/Good Housekeeping

F.1 Employee Training Program

- April 10-11, 2018, 5 employees attended the ICAT conference in East Peoria. The conference has speakers as well as displays set up by vendors.
- May 2-4, 2018 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 12-15, 2018 Four public works staff members attended the 2018 Low Impact Development Conference in Nashville, Tennessee. The conference has speakers as well as displays set up by vendors.

F1.1 Develop and provide annual employee training

- Additional training material and topics will be covered in future years

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 next permit cycle.

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. We are working with our consultant to get an interpretation of the data that we can include with the sampling data and that information we will post to our website.
- We have installed green infrastructure BMPs for the Adams St Pilot project and will 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.
- Four illicit discharges were reported and investigated. A chemical being dumped into the storm sewer was reported and stopped from happening further. There were three illegal connections to the storm sewer that were reported and correctly re-routed. A discharge by a park area in Dry Run Creek was reported. We could not find a definite source but notified the park district to inform us if it happens again. A flowable full mixture was dumped into a creek by a property owner and it was reported to the IEPA. We spoke with the contractor about proper disposal of materials.

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.

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. We are working with our consultant to get an interpretation of the data that we can include with the sampling data and that information we will post to our website.

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- 28 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)
- Harvard Ave
- Allen and Willow Knolls

- Northmoor Rd
- MacArthur Bridge
- 2018 Sealcoating project (multiple sites less than 1 ac each)
- 2018 CRF project (multiple sites less than 1 ac each)

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

10903 N Saddlehorn Ct
715 W Versailles
6824 N Aycliffe Dr
1200 W Wexford Pl
3808 W Vinton Ave
4416 N Carola Ct
222 E Glen Ave
916 S Sumner Ave
Clarewood Storm Sewer Reconstruction
7111 N Fox Point Dr
6517 N Sheridan Rd
3705 N Grandview Dr

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