

Phase II Municipal Separate Storm Sewer System (MS4)
Annual Report Form

Cover Page

Part 1. General Information:

1. Permittee Name: Effingham County Board of Commissioners
2. Mailing Address: 601 N. Laurel Dr. Springfield, GA 31329
3. Contact Person: Tim Callanan
4. E-Mail Address: tcallanan@effinghamcounty.org
5. Telephone Number: (912) 754-2111
6. Reporting Year (January 1–December 31): 2019

Part 2. Status of Storm Water Management Program:

1. Has your storm water management program to comply with the 2017 NPDES Permit been approved? Yes No

On December 17, 2019, the County received comments from GAEPD requesting revisions on the SWMP. On January 27, 2020, the County requested a 90-day extension to revise and resubmit the SWMP.

Without correspondence from GAEPD on the 2018 SWMP draft, the County has been conducting our MS4 program as outlined in the proposed SWMP. While much of the work will be within compliance with the requested revisions to the SWMP that will be submitted within the requested 90-day timeframe, we ask for your consideration if the 2019 report does not fully comply with the data management requirements outlined in the December 17, 2019 response.

2. If yes, provide the approval date: _____
3. If no, provide the date of the last submittal: June 11, 2018

Part 3. Certification Statement:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____

Printed Name: Tim Callanan

Title: County Manager Date: _____

Public Education and Outreach
Minimum Control Measure
(Table 4.2.1)

1. **BMP # 1**
2. **BMP Title:** Storm Water Presentations
3. **Provide the measurable goal from SWMP:** The County provides educational opportunities to the community on the County storm water program, the impacts of pollution, and outreach activities through presentations which utilize lesson plans, books, resources and/or other educational tools. The County will promote storm water information and educational information four times during the reporting period.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment A.1)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: Construction site pollution prevention training with Effingham County Public Works department. A general MS4 program requirements and Stormwater pollution presentation was given to the Effingham County Rotary club. As part of the community clean up event, volunteers were educated on the importance of litter prevention and environmental health. County staff held a lunch and learn with the topics of MS4 permit compliance, IDDE, construction runoff, and good housekeeping.
 - B. Date(s) for any BMP activities completed during this reporting period: Public Works training was held on February 8, 2019. Rotary was held Nov. 18, 2019. The Community clean up event was held December 14, 2019. The staff lunch and learn was held on December 18, 2019.
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A

6. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 2**

2. **BMP Title:** Education through Media Outlets

3. **Provide the measurable goal from SWMP:** The County has various media outlets to share information with the public, including the Effingham Herald and Effingham Now (Savannah Morning News) newspapers. Educational information will be provided to raise awareness and interest in storm water management. The County will promote storm water information and educational information four times during the reporting period.

A. Did you comply with the measurable goal? Yes No

B. If not, explain why you did not comply with the measurable goal: Articles were not published in the Effingham Now (Savannah Morning News)

4. **Documentation**

A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment A.2)

B. If not, please explain why: N/A

5. **Implementation Schedule**

A. BMP activities completed during this reporting period: Four (4) newspaper articles were posted in the Effingham Herald.

B. Date(s) for any BMP activities completed during this reporting period: Dates the articles were in the Effingham Herald: Nov. 20, 2019; Dec. 4, 2019; Dec. 11, 2019; and Dec. 18, 2019.

C. Did you comply with the implementation schedule in the SWMP? Yes No

D. If not, please explain why: N/A

6. **BMP Effectiveness**

- A. Do you consider this BMP to be effective? Yes No
- B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise
- C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No
- D. If yes, please explain: The Effingham Herald publications are sufficient to reach the citizens of Effingham County. It is not necessary to publish in a second source.

1. **BMP # 3**
2. **BMP Title:** Education through website
3. **Provide the measurable goal from SWMP:** The County uses its website, www.effinghamCounty.org to disseminate storm water related information. Visitors to the website are able to learn more about the County's storm water program, ways they may cause water pollution, how it affects our environment, and opportunities to reduce the negative impacts of storm water pollution.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment A.3)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: The website content is reviewed annually and updated as needed. No changes were made during 2019.
 - B. Date(s) for any BMP activities completed during this reporting period: throughout 2019
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A
6. **BMP Effectiveness**
 - A. Do you consider this BMP to be effective? Yes No
 - B. Do you plan to continue with implementation of this BMP or revise it in the SWMP? Continue Revise
 - C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No
 - D. If yes, please explain: N/A

1. **BMP # 4**
2. **BMP Title:** Educational brochures
3. **Provide the measurable goal from SWMP:** The County will distribute brochures designed to address stormwater pollution prevention at County Administration Building. Brochures will be reviewed on an annual basis and new brochures may be chosen and distributed. Brochures will be restocked as they run out. Several other electronic versions of the brochures are posted on the website.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment A.4)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: Brochures were displayed in the lobby of the Administration Building.
 - B. Date(s) for any BMP activities completed during this reporting period: throughout 2019.
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A
6. **BMP Effectiveness**
 - A. Do you consider this BMP to be effective? Yes No
 - B. Do you plan to continue with implementation of this BMP or revise it in the SWMP? Continue Revise
 - C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No
 - D. If yes, please explain: N/A

Note: You must complete a BMP annual report page for any additional Public Education BMPs contained in your SWMP. Permittees with a population greater than 10,000 at the time of this permit issuance must complete four (4) BMPs.

Public Involvement/ Participation
Minimum Control Measure
(Table 4.2.2)

1. **BMP # 1**
2. **BMP Title:** Rivers Alive! Cleanup
3. **Provide the measurable goal from SWMP:** The County assists in the organization, promotion, and participates in the annual Rivers Alive Cleanup at various stream and river locations. The County will participate in one stream/river cleanup during the reporting period.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment B.1)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: Cleaned stream banks along the Ebenezer Creek and the boats ramps at Tommy Long Landing and Abercorn Landing during the annual “Rivers Alive Cleanup”
 - B. Date(s) for any BMP activities completed during this reporting period: The Rivers Alive annual cleanup was held on December 14, 2019.
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A

6. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 2**
2. **BMP Title:** Community Outreach Clean-ups
3. **Provide the measurable goal from SWMP:** The County will assist, organize, promote and participate in community clean-ups (e.g. community and/or neighborhood clean-ups). The County will participate in one (1) community cleanup event during the reporting period.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment B.2)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: Picked up debris along Old Augusta Road.
 - B. Date(s) for any BMP activities completed during this reporting period: The Community Outreach Cleanup was held on December 14, 2019
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A
6. **BMP Effectiveness**
 - A. Do you consider this BMP to be effective? Yes No
 - B. Do you plan to continue with implementation of this BMP or revise it from the SWMP? Continue Revise
 - C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No
 - D. If yes, please explain: N/A

1. **BMP # 3**
2. **BMP Title:** Public Input on SWMP and Annual Report
3. **Provide the measurable goal from SWMP:** The County will invite the public to provide input on the SWMP by posting this document as well as Annual Reports on the Stormwater Webpage on the County's website. The webpage will contain a link that will allow the public to submit comments to the County on the best management practices included within the SWMP as well as on the activities summarized in the Annual Report.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: This BMP was first implemented beginning with the 2018 permit year. By Feb. 2019, the EPD had not provided written approval of the June 2018 SWMP, therefore the plan was not published on the website.
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment B.3)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: The June 2018 SWMP, while still unapproved by EPD, was posted on the website in January 2020. A Public presentation was conducted on February 4, 2020 where a summary of the 2019 annual report was provided.
 - B. Date(s) for any BMP activities completed during this reporting period: January – February 2020.
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A

6. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 4**
2. **BMP Title:** Citizen Complaint
3. **Provide the measurable goal from SWMP:** The County will provide complaint forms on the County's website to allow the public to submit complaints related to stormwater runoff pollutants and illicit discharges. When an illicit discharge is detected through concerned citizens reports, source tracking methods are used such as observation and backtracking the discharge so that it can be eliminated. See Illicit Discharge Response Procedures in Appendix C of the SWMP. Complaint forms are available online at www.effinghamCounty.org and a copy is provided in the SWMP. Complaints can be accepted via telephone message or in person and will be tracked by the Complaint Receipt Log (see SWMP Appendix C).
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment B.4)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: The County received complaint from the website form, email, phone call, voice messages, and in person. All complaints were routed to the Public Works Department. PWD has a work order system in which each complaint is documented. See attachment B.4.
 - B. Date(s) for any BMP activities completed during this reporting period: throughout 2019
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A

6. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

Note: You must complete a BMP annual report page for any additional Public Education BMPs contained in your SWMP. Permittees with a population greater than 10,000 at the time of this permit issuance must complete four (4) BMPs.

Illicit Discharge Detection and Elimination
Minimum Control Measure
(Table 4.2.3)

1. **BMP # 1 (Table 4.2.3, BMP #1)**
2. **BMP Title: Legal Authority**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County must prohibit through ordinance, or other regulatory mechanism, non-storm water discharges into the MS4 and implement appropriate enforcement procedures and actions. The County's Stormwater Management Ordinance, which addresses illicit discharges, is provided in Appendix C of the SWMP. The County will evaluate the existing illicit discharge ordinance and if necessary, modify the ordinance during the reporting period.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Ordinance Status**
 - A. Did you adopt or revise the ordinance during the reporting period? Yes No
 - B. If yes, provide the date of adoption: N/A
 - C. If the ordinance was adopted or revised during the reporting period, is a copy of the adopted ordinance attached? Yes No
 - D. If the ordinance was adopted or revised during the reporting period and a copy is not attached, explain why: The ordinance was not revised.
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: Staff reviewed the ordinance and determined revisions were not needed.
 - B. Date(s) for any BMP activities completed during this reporting period: Throughout 2019.
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A

6. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it from the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 2 (Table 4.2.3, BMP #2)**
2. **BMP Title: MS4 Outfall Map and Inventory**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County has completed a Geographic Information System (GIS) inventory of its stormwater outfalls within its Phase II MS4 area. The County developed a spreadsheet inventory and a map showing the location of outfalls from the MS4 and the names and location of all waters of the State that receive discharges from those outfalls. The outfall map and inventory of the MS4 Outfalls are provided in Appendix C of the SWMP. Each year, the County will update the map and inventory to reflect the addition of outfalls from new infrastructure projects or developments and remove any outfalls that have been reclassified or removed from its MS4.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Outfall Inventory**
 - A. Provide the number of outfalls added or deleted from the inventory during the reporting period:
Number added: 0
Number deleted: 0
 - B. Provide the total number of outfalls identified to date: 32
 - C. Is the outfall mapping completed? Yes No
 - D. If not, explain the reason why, and provide the status of the mapping: N/A
 - E. If not, provide the projected completion date: N/A
5. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment C.2)
 - B. If not, please explain why: N/A

6. **Implementation Schedule**

A. BMP activities completed during this reporting period: No new outfalls were added in the 2019 reporting year.

B. Date(s) for any BMP activities completed during this reporting period: N/A

C. Did you comply with the implementation schedule in the SWMP? Yes No

D. If not, please explain why: N/A

7. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 3 (Table 4.2.3, BMP #3)**

2. **BMP Title: Illicit Discharge Detection and Elimination (IDDE) Plan**

3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County has developed an IDDE plan including inspection and investigative procedures forms as well as an IDDE Guidance Manual. The IDDE plan establishes an inspection program for MS4 outfalls to determine if upstream facilities/connections are discharging non-stormwater flows to the drainage system and eliminating all identified illicit discharges. The IDDE plan is included in Appendix C of the SWMP. The County will inspect a minimum of 20% of County maintained outfalls within the urbanized area annually and Investigate and perform source tracing for 100% of all suspected illicit discharges. Suspect or obvious illicit discharges require follow-up actions and activities, as specified in the IDDE Plan to determine the specific source(s) of contamination. Should the County positively identify any illicit discharges, the County will perform enforcement actions as dictated by the Stormwater Management Ordinance, the IDDE Plan, and the County's Enforcement Response Plan (ERP) to remove positively identified illicit discharges. A copy of the County's ERP is included in Appendix E of the SWMP.

A. Did you comply with the measurable goal? Yes No

B. If not, explain why you did not comply with the measurable goal: N/A

4. **IDDE Plan Status**

A. Provide the number of outfalls inspected during the reporting period: 32 outfalls were inspected.

B. What percentage of the total number of outfalls were inspected during the reporting period? 100%

C. Provide the status of the outfall screening from 2018-2022:

Year	Total Number of Outfalls	Number of Outfalls Screened	% Screened
2018	32	7	22%
2019	32	32	100%
2020			
2021			
2022			

D. Did you conduct any stream walks as part of your IDDE program?

Yes No

1. If yes, provide the total number of stream miles within your jurisdiction: N/A

2. Provide the number of stream miles walked during the reporting period: N/A
 3. What percentage of the total number of stream miles were walked during the reporting period? N/A
- E. Did you conduct stream walks for a reason other than IDDE? Yes No
1. If yes, explain the reason: N/A
 2. Provide the number of stream miles walked during the reporting period: 0
5. **Documentation**
- A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment C.3)
- B. If not, please explain why: N/A
6. **Implementation Schedule**
- A. BMP activities completed during this reporting period: Maintained IDDE procedures and conducted dry weather screenings on community outfalls.
- B. Date(s) for any BMP activities completed during this reporting period: November 4 - 5, 2019.
- C. Did you comply with the implementation schedule in the SWMP? Yes No
- D. If not, please explain why: N/A
7. **BMP Effectiveness**
- A. Do you consider this BMP to be effective? Yes No
- B. Do you plan to continue with implementation of this BMP or revise it in the SWMP? Continue Revise
- C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No
- D. If yes, please explain: N/A

1. **BMP # 4 (Table 4.2.3, BMP #4)**
2. **BMP Title: Illicit Discharge Education**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County will disseminate at a minimum one (1) educational document (e.g. brochures, pamphlets) to the public, businesses and government employees during the reporting period.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment C.4)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: Pollution Prevention Brochure was placed at the county office and was also handed out to employees and contractors.
 - B. Date(s) for any BMP activities completed during this reporting period: The brochure was placed at the county office lobby prior to January 1, 2019 was available throughout 2019. Staff were provided a copy of the brochure during Stormwater training on December 18, 2019. Brochures were also available to building permit applicants that visited the County office to obtain permits.
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A
6. **BMP Effectiveness**
 - A. Do you consider this BMP to be effective? Yes No
 - B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise
 - C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 5 (Table 4.2.3, BMP #5)**
2. **BMP Title: Citizen Complaint Response**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County maintains ordinances that give legal enforcement authority to require all illicit connections to the drainage system to be discontinued. When an illicit discharge is detected, either through concerned citizens reports or departmental monitoring, source tracking methods are used such as observation and backtracking the discharge so that it can be eliminated. See the IDDE Guidance Manual in Attachment C. Complaint forms are available online at the Storm Water Site at <http://www.effinghamCounty.org/515/Storm-Water> and can be accepted via telephone message (912.754.8063) or in person and will be tracked by the Complaint Receipt Log. See the Complaint Receipt Log and Complaint Response Form in Appendix C of the SWMP. The County will document each illicit discharge related complaint received during the reporting period and investigate within three (3) business days.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment C.5)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: There were no IDDE related complaints within the MS4 area in 2019.
 - B. Date(s) for any BMP activities completed during this reporting period: complaints were monitored throughout 2019.
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A

6. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

Note: You must complete a BMP annual report page for any additional Illicit Discharge Detection and Elimination BMPs contained in your SWMP.

Construction Site Storm Water Runoff Control
Minimum Control Measure
(Table 4.2.4)

1. **BMP # 1 (Table 4.2.4, BMP #1)**

2. **BMP Title: Legal Authority**

3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County has established legal authority to require and enforce appropriate erosion and sediment controls by adopting the State model Erosion, Sedimentation and Pollution Control Ordinance (E&S Ordinance) that reflects the most recent amendments to the Georgia Erosion and Sedimentation Act (GESA). A copy of this Ordinance is included in Appendix B of the SWMP. The County has also developed a Litter Ordinance that addresses the management of construction site debris and litter. A copy of the County's Litter Ordinance is included in Appendix B of the SWMP. The County will review and revise these Ordinances, as needed, to ensure appropriate erosion and sediment controls are in place at construction sites and submit a copy of the Ordinances, if revised, to the Georgia EPD with the Annual Report.

A. Did you comply with the measurable goal? Yes No

B. If not, explain why you did not comply with the measurable goal: N/A

4. **Ordinance Status**

A. Is the construction waste requirement addressed in either your E&S or litter ordinance?
Yes No

B. If yes, which one? Litter

C. Did you adopt or revise the ordinance during the reporting period?
Yes No

D. If you are a Local Issuing Authority, you must revise your E&S Ordinance to comply with the latest revisions to the E&S Act (2015). The ordinance revision was to be completed by December 31, 2016. Have you completed the ordinance revisions?
Yes No

E. If yes, provide the date of adoption: February 7, 2017

F. If the ordinance was adopted or revised during the reporting period, is a copy of the adopted ordinance attached? Yes No N/A

G. If the ordinance was adopted or revised during the reporting period and a copy is not attached, explain why: N/A

5. **Implementation Schedule**

A. BMP activities completed during this reporting period: Maintained Litter and E&S Ordinances. Reviewed to determine if revisions were needed and found none.

B. Date(s) for any BMP activities completed during this reporting period: Throughout 2019

C. Did you comply with the implementation schedule in the SWMP? Yes No

D. If not, please explain why: N/A

6. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP? Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 2 (Table 4.2.4, BMP #2)**
2. **BMP Title: Site Plan Review Procedures**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County accepts erosion and sedimentation (E&S) site plans submitted for Land Disturbing Activity (LDA) permits for sites that disturb 1.0 acre or larger and plans are reviewed by the Georgia Soil and Water Conservation Commission. Site Plans may also be required to be reviewed if the project is part of a common plan of development or sale. No LDA permit will be issued without GSWCC approval. See Site Plan Review Procedures and Construction Site Inspection Forms in Appendix D of the SWMP. The County will review 100% of the site plans submitted for an LDA permit for site distributed of 1.0 acre or larger during the reporting period.

A. Did you comply with the measurable goal? Yes No

B. If not, explain why you did not comply with the measurable goal: N/A

4. Site Plan Review Status

A. Are you a Local Issuing Authority? Yes No

1. If yes, provide the following information for the reporting period:

Number of plans received: 55
Number of plans reviewed: 55
Number of plans approved: 39
Number of plans denied: 0

5. Documentation

A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment D.2)

B. If not, please explain why: N/A

6. **Implementation Schedule**

A. BMP activities completed during this reporting period: Plans were received throughout 2019. See attachment D.2 for a summary of all projects.

B. Date(s) for any BMP activities completed during this reporting period: Plans were approved throughout 2019. See attachment D.2 for a summary of all projects.

C. Did you comply with the implementation schedule in the SWMP? Yes No

D. If not, please explain why: N/A

7. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 3 (Table 4.2.4, BMP #3)**
2. **BMP Title: Erosion & Sedimentation (E&S) Inspection Program**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County inspects active construction projects within the County that obtain Land Disturbing Activity (LDA) permits. Sites are inspected for compliance with their approved Erosion and Sedimentation (E&S) Control Plan. See Appendix C of the SWMP for E&S Inspection Procedures and Forms. The County will inspect each construction site at a minimum of three (3) times (e.g. following installation of initial best management practices, during active construction, and after final site stabilization.)
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment D.3)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: All inspections are made in accordance with all minimum required state and locally adopted codes. This includes **R401.3 DRAINAGE** and **R403.1.7.3 Foundation Elevation** prior to the issuance of all certificates of occupancy. This is not a separate line item on the County's record of inspections but is performed at the time of the request for a certificate of occupancy which is listed as a final on the inspection card. Inspections are in hard copy format only and on file in the building inspections office. The results of the certificate of occupancy inspection is entered into the permitting software (ADG). A detailed file of all permit applications and a sample of a Certificate of Occupancy is included in attachment D.3
 - B. Date(s) for any BMP activities completed during this reporting period: Throughout 2019
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A

6. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 4 (Table 4.2.4, BMP #4)**
2. **BMP Title: E&S Enforcement Procedures**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County maintains ordinances that provide legal enforcement authority to address E&S violations. If a violation of the County ordinance is found, then the appropriate enforcement actions are taken, which may include verbal warning, stop work order, etc. All violations will be investigated and the resolution will be recorded. See Appendix D of the SWMP for enforcement procedures for Construction Site Inspections. The County will respond to and document 100% of the E&S violations during the reporting period.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment D.4)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: There were no enforcement actions taken in 2019.
 - B. Date(s) for any BMP activities completed during this reporting period: Throughout 2019
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A
6. **BMP Effectiveness**
 - A. Do you consider this BMP to be effective? Yes No
 - B. Do you plan to continue with implementation of this BMP or revise it in the SWMP? Continue Revise
 - C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 5 (Table 4.2.4, BMP #5)**
2. **BMP Title: Citizen Complaint Response**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** Anyone can submit E&S complaints verbally or in writing to the County's Development Services Office. Each complaint is logged, investigated and documented. C. Complaint forms are available online at the Storm Water Site at <http://www.effinghamCounty.org/515/Storm-Water> and can be accepted via telephone message (912.754.8063) or in person and will be tracked by the Complaint Receipt Log. See the E&S Complaint Procedures and Form in Appendix D of the SWMP. The County will respond to and document 100% of the E&S complaints received within three (3) business days during the reporting period.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment D.5)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: There were no complaints filed related to construction erosion control within the MS4 area in 2019.
 - B. Date(s) for any BMP activities completed during this reporting period: throughout 2019.
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A

6. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 6 (Table 4.2.4, BMP #6)**
2. **BMP Title: Employee E&S Certification**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County will ensure that the MS4 staff involved in construction activities subject to the Construction General Permits (CGPs) are trained and certified in accordance with the rules adopted by the Georgia Soil and Water Conservation Commission (GSWCC), including site inspection and enforcement of control measures.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment D.6)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: Certification Review of staff.
 - B. Date(s) for any BMP activities completed during this reporting period: December 2019
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A
6. **BMP Effectiveness**
 - A. Do you consider this BMP to be effective? Yes No
 - B. Do you plan to continue with implementation of this BMP or revise it in the SWMP? Continue Revise
 - C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No
 - D. If yes, please explain: N/A

Note: You must complete a BMP annual report page for any additional Construction Site Management BMPs contained in your SWMP.

Post- Construction Storm Water Management
in New Development and Redevelopment
Minimum Control Measure
(Table 4.2.5)

1. **BMP # 1 (Table 4.2.5, BMP #1)**

2. **BMP Title: Legal Authority**

3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County must use and ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects to the extent allowable under State and local law. See the Stormwater Management Ordinance in Appendix B of the SWMP. This ordinance requires the use of post-construction stormwater management and site planning and design criteria consistent with those listed in Section 4.2.5.1 of the County's NDPES Phase II MS4 permit to protect stormwater from negative impacts associated with land development, including the stormwater design criteria established in the Coastal Stormwater Supplement (CSS) to the Georgia Stormwater Management Manual (GSMM). The ordinance and design manual applies to new development and redevelopment that creates or adds more than 5,000 square feet of impervious surface or that involves land disturbing activities of 1 acre or more, including projects less than 1 acre if they are part of a larger common plan of development or sale. The County will apply their adopted performance standards during the design of County-construction projects, with the possible exception of linear projects. If the County designs a linear construction project, for which it would be impossible to apply the performance standards, the County will develop a feasibility program which sets reasonable criteria for determining when implementing performance standards for linear projects is infeasible. This will be submitted to EPD, and applied to future linear construction projects only upon approval. The County will review and revise Stormwater Management Ordinance, as needed, to ensure appropriate post construction stormwater controls are in place to and submit a copy of the Ordinance, if revised, to the Georgia EPD with the Annual Report.

A. Did you comply with the measurable goal? Yes No

B. If not, explain why you did not comply with the measurable goal: N/A

4. **Ordinance Status**

A. Did you adopt or revise the ordinance during the reporting period? Yes No

B. If yes, provide the date of adoption: N/A

C. Does the ordinance require development in accordance with the Georgia Stormwater Management Manual (GSMM), a local design manual, and/or the Coastal Stormwater Supplement? Yes No

D. Does the ordinance adopt the performance standards in the 2016 GSMM?

Yes No

- E. The adoption of the performance standards in the 2016 GSMM was required by January 2, 2017. If the adoption has not occurred by this deadline date, explain why and provide the projected completion date: The ordinance requires all development to comply with the latest edition of GSMM.
- F. If the ordinance was adopted or revised during the reporting period, is a copy of the adopted ordinance attached? Yes No N/A
- G. If the ordinance was adopted or revised during the reporting period and a copy is not attached, explain why: N/A

5. **Implementation Schedule**

- A. BMP activities completed during this reporting period: Maintained the existing stormwater ordinance. No revisions were required in 2019. All development plans were reviewed to assure compliance with the ordinance. (See attachment E.1)
- B. Date(s) for any BMP activities completed during this reporting period: Throughout 2019.
- C. Did you comply with the implementation schedule in the SWMP? Yes No
- D. If not, please explain why: N/A

6. **BMP Effectiveness**

- A. Do you consider this BMP to be effective? Yes No
- B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise
- C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No
- D. If yes, please explain: N/A

1. **BMP # 2 (Table 4.2.5, BMP #2)**
2. **BMP Title: Stormwater Management Structure Inventory**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County updates, as needed, the inventory of all publicly owned post-construction storm water management structures (e.g. detention/retention ponds, water quality vaults, infiltration structures) and only those privately-owned structures designed after the February 15, 2015 deadline for adoption of the GSMM with the CSS (e.g. new structures) that are located within the urbanized area. The County currently has not identified any post-construction stormwater management structures within the urbanized area. In the future when new ponds area added to the urbanized area, the County’s inventory shall include information on the number and types of structures, and ownership.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Inventory Status**
 - A. Provide information on the number of structures inventoried during the reporting period:
 1. Number of publicly-owned post-construction structures added: 0
 2. Number of privately-owned post-construction structures added: 0
 - B. Provide information on the number of structures identified to date:
 1. Total number of publicly-owned post-construction structures: 0
 2. Total number of privately-owned post-construction structures: 0
5. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See Attachment E.2)
 - B. If not, please explain why: N/A

6. **Implementation Schedule**

A. BMP activities completed during this reporting period: Reviewed permits to check dates on ponds that were built after February 15, 2015. The County currently has not identified any post-construction stormwater management structures within the urbanized area. In the future when new ponds area added to the urbanized area, the County's inventory shall include information on the number and types of structures, and ownership.

B. Date(s) for any BMP activities completed during this reporting period: Throughout 2019.

C. Did you comply with the implementation schedule in the SWMP? Yes No

D. If not, please explain why: N/A

7. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 3 (Table 4.2.5, BMP #3)**
2. **BMP Title: Stormwater Management Structure Inspection Program**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County will inspect all County and private maintained constructed storm water management structures within the urbanized area so that 100% are inspected within the **5-year** permit term. Each inspection is documented and if maintenance and/or repairs are needed, the owner will be notified. See Appendix D of the SWMP for the Operation and Maintenance Inspection Report for Storm Water Management Ponds Form and the MS4 Inspection, Maintenance and Water Disposal Procedures.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. Provide the status of inspections performed between 2018-2022:

Publicly-Owned Post-Construction Structures

Year	Total Number Post Construction Structures	Number Post Construction Structures Inspected	% Inspected
2018	0	0	N/A
2019	0	0	N/A
2020			
2021			
2022			

Privately-Owned Post-Construction Structures

Year	Total Number Post Construction Structures	Number Post Construction Structures Inspected	% Inspected
2018	0	0	N/A
2019	0	0	N/A
2020			
2021			
2022			

5. Documentation
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment E.3)
 - B. If not, please explain why: N/A

6. **Implementation Schedule**

- A. BMP activities completed during this reporting period: There are no publicly-owned or privately-owned post-construction qualifying (built after 2-15-2015) structures in the urbanized area. Therefore, no inspections were held.
- B. Date(s) for any BMP activities completed during this reporting period: Throughout 2019.
- C. Did you comply with the implementation schedule in the SWMP? Yes No
- D. If not, please explain why: N/A

7. **BMP Effectiveness**

- A. Do you consider this BMP to be effective? Yes No
- B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise
- C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No
- D. If yes, please explain: N/A

1. **BMP # 4 (Table 4.2.5, BMP #4)**
2. **BMP Title: Stormwater Management Structure Maintenance Program**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County implements a long-term operation and maintenance program for post construction storm water management structures for 1) County owned structures, 2) publicly-owned structures by other entities, and 3) privately-owned structures with construction completed after the effective date of the previous permit (December 6, 2012) that are located within the urbanized area. For information on the County Inspection Program, see the *MS4 Inspection, Maintenance and Waste Disposal Procedures* in Appendix D of the SWMP. The County will maintain 100% of County-owned or maintained stormwater management structures (ponds and vaults) as needed and identified through inspections over a five-year period. The County will ensure that 100% of all private stormwater management structures, as well as structures owned by public entities other than the County (where feasible), are designed in accordance with the County's Post Construction Standards and have a Maintenance and Inspection Agreement. The County will notify private owners (and public entities, where feasible/if applicable) with Inspection and Maintenance Agreements of pond/vault maintenance needs identified through inspection.

A. Did you comply with the measurable goal? Yes No

B. If not, explain why you did not comply with the measurable goal: N/A

4. **Documentation**

A. Did you attach documentation of the BMP activities completed during the reporting period?: (See attachment E.4)

1. Maintenance of permittee-owned structures: Yes No N/A

2. Maintenance conducted by permittee on privately-owned structures or publicly-owned by other entities: Yes No NA

3. Summary list of maintenance agreements: Yes No N/A

B. If not, please explain why: No publicly or privately-owned post-construction qualifying structures in the urbanized area.

5. **Implementation Schedule**

A. BMP activities completed during this reporting period: N/A

B. Date(s) for any BMP activities completed during this reporting period: N/A

C. Did you comply with the implementation schedule in the SWMP? Yes No

D. If not, please explain why: N/A

6. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 5 (Table 4.2.5, BMP #5)**
2. **BMP Title: Green Infrastructure (GI) / Low Impact Development (LID) Structure Inventory**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County will maintain an inventory of GI/LID structures within the County that were constructed after March 7, 2014, the date the County was designated as an NPDES Phase II MS4. Currently no GI/LID structures existed within the County's urbanized area. When a GI/LID structure is added to the County's urbanized area, it will entered into an inventory listing the type, number, and location, of GI/LD structures such as bio-retention, bio-swales, pervious pavement, rain gardens, cisterns, and green roofs, etc. The County will update their existing GI/LID inventory annually as new structures are completed or existing structures are identified to include 1) County-owned structures and/or structures that are the operational responsibility of the County; 2) structures that are owned by a public entity other than the Effingham County; and 3) privately-owned, non-residential GI/LID structures.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment E.5)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: None; 0 GI/LID structures
 - B. Date(s) for any BMP activities completed during this reporting period: N/A
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A

6. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 6 (Table 4.2.5, BMP #6)**

2. **BMP Title: GI/LID Program**

3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County will develop and implement a program for the inspection and maintenance of inventoried GI/LID structures, including County-owned structures, structures owned by other public entities, and privately-owned, non-residential structures. The program will meet the requirements specified by Section 4.2.5(a)6 and 7 of the County's NPDES Phase II MS4 Permit. The County will submit a copy of the program to the EPD no later than February 15, 2020 and include the GI/LID Program as an addendum to the SWMP, and located in Appendix G.

A. Did you comply with the measurable goal? Yes No

B. If not, explain why you did not comply with the measurable goal: N/A

4. **Program Development**

A. Has the GI/LID Program development been completed? Yes No

Note: For existing permittees, the deadline is February 15, 2020. For new permittees, the deadline is within 3 years of designation.

5. **Documentation**

A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See appendix E.6)

B. If not, please explain why: N/A

6. **Implementation Schedule**

A. BMP activities completed during this reporting period: The Effingham County Stormwater Management Local Design Manual requires runoff reduction as one the design criteria. The manual allows the use of GI / LID BMPs to meet the design requirements. The manual also outlines inspection, maintenance, and enforcement for BMPs including GI/LID.

B. Date(s) for any BMP activities completed during this reporting period: This was codified in the County Code of Ordinances Section 30 January 6, 2015.

C. Did you comply with the implementation schedule in the SWMP? Yes No

D. If not, please explain why: N/A

7. **BMP Effectiveness**

- A. Do you consider this BMP to be effective? Yes No

- B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

- C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

- D. If yes, please explain: Will have the GI/LID Program in place by February 15, 2020

1. **BMP # 7 (Table 4.2.5, BMP #7)**
2. **BMP Title: GI/LID Inspection and Maintenance Program**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** Beginning in 2020, the County or their designated representative will conduct inspections and/or ensure inspections are conducted on 100% of inventoried GI/LID structures in accordance with the inspection schedule set forth in the County's GI/LID Program discussed in BMP E.6. Maintenance will be conducted as needed on County-owned structures, and the County will implement maintenance procedures for inventoried structures that are not owned by the County in accordance with the GI/LID Program developed as BMP E.6.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No
 - B. If not, please explain why: This BMP begins in permit year 2020.
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: N/A. This BMP begins in permit year 2020.
 - B. Date(s) for any BMP activities completed during this reporting period: N/A. This BMP begins in permit year 2020.
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A
6. **BMP Effectiveness**
 - A. Do you consider this BMP to be effective? Yes No
 - B. Do you plan to continue with implementation of this BMP or revise it in the SWMP? Continue Revise
 - C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A. This BMP begins in permit year 2020.

GI/LID Ordinance Review (Section 4.2.5.3)

(Only complete this section if the MS4 population >10,000 on December 6, 2017)

1. You are required to continue to review and revise, where necessary, building codes, ordinances, and other regulations to ensure they do not prohibit or impede the use of GI/LID practices. Was an evaluation of the MS4's ordinances, codes, and regulations conducted during the reporting period? Yes No

2. If an evaluation was completed during the reporting period, is documentation of the activity attached to this annual report? Yes No NA (See appendix E)

3. Based on the results of the evaluation, did the MS4 determine that revisions to the ordinances, codes, and regulations were necessary? Yes No NA

4. If revisions to the document(s) were required, provide the name of the document(s) and the date(s) of adoption: N/A

5. If revisions have not yet been completed, provide the status of the document revisions and a projected completion date: The Effingham County Stormwater Management Local Design Manual requires runoff reduction as one the design criteria. The manual allows the use of GI / LID BMPs to meet the design requirements. The manual also outlines inspection, maintenance, and enforcement for BMPs including GI/LID. This was codified in the County Code of Ordinances Section 30 January 6, 2015. See appendix E.

Pollution Prevention/ Good Housekeeping
for Municipal Operations
Minimum Control Measure
(Table 4.2.6)

1. **BMP # 1 (Table 4.2.6, BMP #1)**

2. **BMP Title: MS4 Control Structure Inventory and Map**

3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County’s MS4 is made up of the structures and facilities that are used for collecting, conveying, storing and/or treating stormwater from the source drainage area to the point of final outlet. The County’s NPDES Phase II Small MS4 Permit defines a MS4 as follows: “Municipal Separate Storm Sewer System or an MS4 means a conveyance or system of conveyances including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains, owned or operated by a municipality or other public body, designed or used for collecting or conveying storm water runoff and is not a combined sewer or part of a Publicly Owned Treatment Works.” The County will maintain and update an inventory and map of the MS4 structures within the urbanized area during the reporting period. The inventory and map include catch basins, ditches (miles or linear feet), detention/retention ponds, and storm drain lines (miles or linear feet) within the urbanized area.

A. Did you comply with the measurable goal? Yes No

B. If not, explain why you did not comply with the measurable goal: N/A

4. **Inventory and Map Status**

A. Provide the number of structures inventoried and mapped during the reporting period:

1. Number of catch basins added: 0
2. Number of ditches added (state if miles or linear feet): 0
3. Number of publicly-owned detention/retention ponds added: 0
4. Number of storm drain lines added (state if miles or linear feet): 0

B. Provide the number of structures inventoried and mapped to date:

1. Total number of catch basins: 161 (corrected from 258 last year)
2. Total number of ditches (state if miles or linear feet): 100,271’
3. Total number of publicly-owned detention/retention ponds: 0
4. Total number of storm drain lines (state if miles or linear feet): 9,221’

5. **Documentation**

A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment F.1)

B. If not, please explain why: N/A

6. **Implementation Schedule**

- A. BMP activities completed during this reporting period: Reviewed permits to see if any structures were added in the urbanized area. No infrastructure had been added. Edited inventory data to revise the number of catch basins.
- B. Date(s) for any BMP activities completed during this reporting period: November 4-5, 2019.
- C. Did you comply with the implementation schedule in the SWMP? Yes No
- D. If not, please explain why: N/A

7. **BMP Effectiveness**

- A. Do you consider this BMP to be effective? Yes No
- B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise
- C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No
- D. If yes, please explain: N/A

1. **BMP # 2 (Table 4.2.6, BMP #2)**
2. **BMP Title: MS4 Inspection Program**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County conducts inspections on the MS4 control structures (e.g. catch basins, ditches, ponds and end of pipes) within the urbanized area so that 100% are inspected within the 5 year permit term. Each inspection is documented and tracked using GIS technology where applicable. See Appendix D of the SMWP – MS4 Inspection, Maintenance and Waste Disposal Procedures and Storm Water System Inspection Form. The County will inspect the MS4 structures (at a minimum, catch basins, ditches, County-owned detention/retention ponds, and storm drain end of pipes) in one zone per year so that 100% of structures are inspected within 5 years. The County will perform at least one inspection per year.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. Provide the status of inspections performed between 2018-2022:

Catch Basins

Year	Total Number Catch Basins	Number Catch Basins Inspected	% Inspected
2018	258 161	54	21% 34%
2019	161	161	100%
2020			
2021			
2022			

Pipes

Year	Total Pipes Number or Length (specify ft. or miles)	Number of Pipes or Length Inspected (specify ft. or miles)	% Inspected
2018	194 runs of pipe	46 runs of pipe	24%
2019	9,221 ft.	0	0%
2020			
2021			
2022			

Ditches

Year	Total Ditches Number or Length (specify ft. or miles)	Number of Ditches or Length Inspected (specify ft. or miles)	% Inspected
2018	108 ditches	52 ditches	48%
2019	100,271 ft.	0	0%
2020			
2021			
2022			

Publicly-Owned Detention/Retention Ponds

Year	Total Number Structures	Number Structures Inspected	% Inspected
2018	0	0	0%
2019	0	0	0%
2020			
2021			
2022			

5. Documentation

A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment F.2)

B. If not, please explain why: N/A

6. Implementation Schedule

A. BMP activities completed during this reporting period: EOM Operations inspected MS4 control structures within the urbanized area.

B. Date(s) for any BMP activities completed during this reporting period: November 4-5, 2019.

C. Did you comply with the implementation schedule in the SWMP? Yes No

D. If not, please explain why: N/A

7. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 3 (Table 4.2.6, BMP #3)**
2. **BMP Title: MS4 Maintenance**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County conducts maintenance on the MS4 control structures (e.g. catch basins, ditches, and storm pipes) within the urbanized area based on the inspection of the MS4 system. Maintenance is documented and tracked using GIS technology where applicable. See Appendix D of the SWMP – MS4 Inspection, Maintenance and Waste Disposal Procedures. Maintenance of MS4 structures is as needed, and as funding is available
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment F.3)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: EOM Operations provided maintenance of MS4 control structures within the urbanized area based on complaint driven, inspection identified needs, and preventative maintenance work orders.
 - B. Date(s) for any BMP activities completed during this reporting period: Throughout 2019.
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A
6. **BMP Effectiveness**
 - A. Do you consider this BMP to be effective? Yes No
 - B. Do you plan to continue with implementation of this BMP or revise it in the SWMP? Continue Revise
 - C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 4 (Table 4.2.6, BMP #4)**

2. **BMP Title: Street and Parking Lot Cleaning**

3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County does not operate any street sweepers. The County does not engage in parking lot cleaning. The County utilizes State inmates for litter control on roads and outfall structures. The County will document the miles of roads and number of outfalls cleaned by state inmate labor.

A. Did you comply with the measurable goal? Yes No

B. If not, explain why you did not comply with the measurable goal: N/A

4. **Documentation**

A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment F.4)

B. If not, please explain why: N/A

5. **Implementation Schedule**

A. BMP activities completed during this reporting period: 67,590 pounds of litter picked up by state inmate labor.

B. Date(s) for any BMP activities completed during this reporting period: Throughout 2019.

C. Did you comply with the implementation schedule in the SWMP? Yes No

D. If not, please explain why: N/A

6. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP? Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: Pounds of litter removed is considered a better metric to track rather than miles of roads, therefore, the County intends to revise the measurable goal accordingly.

1. **BMP # 5 (Table 4.2.6, BMP #5)**

2. **BMP Title: Employee Training**

3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County provides educational opportunities to employees on the importance of storm water management and pollution prevention (e.g. email, online training, class room training). The County will facilitate one (1) training session per year for County employees who are involved in implementation of the SWMP. The County will either develop and implement an employee training program regarding pollution prevention as it relates to stormwater management and/or send applicable employees to an offsite training event.

A. Did you comply with the measurable goal? Yes No

B. If not, explain why you did not comply with the measurable goal: N/A

4. **Documentation**

A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment F.5)

B. If not, please explain why: N/A

5. **Implementation Schedule**

A. BMP activities completed during this reporting period: 5 Mass emails were sent out to Effingham County employees. Staff training on construction runoff was provided. In addition, a lunch and learn was conducted for staff on the topics of IDDE, Construction EPSC, and Good Housekeeping.

B. Date(s) for any BMP activities completed during this reporting period: County staff attended construction EPSC training on February 8, 2019. Emails were sent February 12, 2019, February 13, 2019, February 15, 2019, November 25, 2019, and December 5, 2019. The lunch and learn was held December 17, 2019.

C. Did you comply with the implementation schedule in the SWMP? Yes No

D. If not, please explain why: N/A.

6. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 6 (Table 4.2.6, BMP #6)**
2. **BMP Title: Waste Disposal**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County will properly dispose of 100% of the wastes including litter, debris, sediment, and other pollutants removed from the MS4 drainage system during maintenance, street sweeping, litter pickup, or any other municipal activity. Wastes will be disposed of in accordance with the MS4 Inspection, Maintenance and Waste Disposal Procedures in Appendix D of the SWMP.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment F.6)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: Waste disposed according to procedures. Vendor invoices are provided to show waste being hauled to landfill.
 - B. Date(s) for any BMP activities completed during this reporting period: Throughout 2019.
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A
6. **BMP Effectiveness**
 - A. Do you consider this BMP to be effective? Yes No
 - B. Do you plan to continue with implementation of this BMP or revise it in the SWMP? Continue Revise
 - C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No
 - D. If yes, please explain: N/A

1. **BMP # 7 (Table 4.2.6, BMP #7)**
2. **BMP Title: New Flood Management Projects**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County will ensure that all new flood management projects are assessed for water quality impacts during the design phase. For the purposes of this BMP, the County interprets “Flood Control Projects” to refer to detention/retention ponds. All new developments will be required to comply with the Post-Construction standards addressed in the County’s Stormwater Management Ordinance and CSS. The County will ensure 100% of new flood management projects (i.e., detention and retention ponds) within the MS4 area comply with the post construction standards in the County’s Stormwater Management Ordinance and CSS. The County will document site plan reviews within the MS4 area where flood management projects were assessed for water quality impacts during the reporting period.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment F.7)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: N/A; There are no New Flood Management Projects in the urbanized area.
 - B. Date(s) for any BMP activities completed during this reporting period: N/A
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A

6. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

1. **BMP # 8 (Table 4.2.6, BMP #8)**
2. **BMP Title: Existing Flood Control Project Analysis**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County will conduct an assessment of any existing publicly owned flood management projects (e.g. detention/retention ponds) within the urbanized area for potential retrofitting to address water quality impacts so that 100% are evaluated within the 5 year permit term. See the *Water Quality Improvement Worksheet: Existing MS4 Facility Forms* in Appendix D of the SWMP.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment F.8)
 - B. If not, please explain why: N/A
5. **Implementation Schedule**
 - A. BMP activities completed during this reporting period: There are no existing Flood Management Projects within the urbanized area.
 - B. Date(s) for any BMP activities completed during this reporting period: N/A
 - C. Did you comply with the implementation schedule in the SWMP? Yes No
 - D. If not, please explain why: N/A
6. **BMP Effectiveness**
 - A. Do you consider this BMP to be effective? Yes No
 - B. Do you plan to continue with implementation of this BMP or revise it in the SWMP? Continue Revise
 - C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No
 - D. If yes, please explain: N/A

1. **BMP # 9 (Table 4.2.6, BMP #9)**
2. **BMP Title: Municipal Facility Inspections**
3. **Provide the measurable goal from the Permit and/or approved SWMP:** The County maintains an inventory of municipal facilities with the potential to cause pollution. This inventory will be updated at least annually and County staff or their designated representatives will inspect municipal facilities with the potential to discharge pollutants to the MS4. All municipal facilities sites within the MS4 area will be inspected at least once every 5 years (with at least 5% of the municipal facilities inspected annually). The County currently does not have any municipal facilities with the permit area. The inventory form of municipal facilities is provided in Appendix F of the SWMP.
 - A. Did you comply with the measurable goal? Yes No
 - B. If not, explain why you did not comply with the measurable goal: N/A
4. **Inventory and Inspection**
 - A. Inventory
 1. Was an inventory of municipal facilities with the potential to cause pollution updated during the reporting period? Yes No
 2. A copy of the inventory must be submitted with the annual report. Is the inventory attached? Yes No
 3. If the inventory is not attached, explain why: The County currently does not have any municipal facilities with the permit area.
 - B. Inspection
 1. Provide the total number of municipal facilities on the inventory: Zero (0)
 2. Provide the number of municipal facilities inspected during the reporting period: Zero (0)
5. **Documentation**
 - A. Did you attach documentation of the BMP activities completed during the reporting period? Yes No (See attachment F.9)
 - B. If not, please explain why: N/A

6. **Implementation Schedule**

A. BMP activities completed during this reporting period: There were no municipal facilities to inspect within the urbanized area.

B. Date(s) for any BMP activities completed during this reporting period: N/A

C. Did you comply with the implementation schedule in the SWMP? Yes No

D. If not, please explain why: N/A

7. **BMP Effectiveness**

A. Do you consider this BMP to be effective? Yes No

B. Do you plan to continue with implementation of this BMP or revise it in the SWMP?
Continue Revise

C. Do you plan to revise the BMP description, implementation schedule, or measurable goal for this BMP? Yes No

D. If yes, please explain: N/A

Note: You must complete a BMP annual report page for any additional Pollution Prevention/Good Housekeeping BMPs contained in your SWMP.

Enforcement Response Plan
Section 4.3

1. You were required to develop an Enforcement Response Plan (ERP) and submit the document to EPD. Have you completed ERP development? Yes No (See appendix G)
2. If yes, provide the date of submittal to EPD: 9/16/2015
3. If no, explain the reason for the delay and provide the status of the ERP development: N/A

Impaired Waters
Section 4.4

1. You are required to develop either an Impaired Waters Plan (population <10,000) or a Monitoring and Implementation Plan (population >10,000). Check which one you are required to develop:

 Impaired Waters Plan
 Monitoring and Implementation Plan

2. For existing permittees, you were required to submit the relevant Plan to EPD by February 15, 2015. For new permittees (designated on March 7, 2014), you were required to submit the relevant Plan by February 15, 2018. Have you completed development of the Plan?
Yes No

3. If yes, provide the date of submittal to EPD: N/A

4. If no, provide the status of the Plan development: There are no impaired waters within the urbanized areas of Effingham County

5. You are required to check the latest 305(b)/303(d) list to determine if newly listed waters are within your jurisdiction. Have you reviewed this list? Yes No

6. If newly listed waters have been identified, you must revise your Plan. If a Plan revision is required, provide the status and the projected date for submittal to EPD: There are no impaired waters that are located within the urbanized areas.

Sharing Responsibility
Section 4.5

1. Are you sharing responsibility for implementation of any part of the SWMP with another entity? Yes No
2. If yes, provide the name of the entity: N/A
3. Are you performing tasks for another entity? Yes No
4. Is another entity is performing tasks on your behalf? Yes No
5. If you answered “Yes” to either question #3 or #4, describe what tasks are being performed by which entity: N/A
6. You must provide a copy of a signed intergovernmental agreement. Was an agreement included with the SWMP? Yes No N/A