

**STATE OF GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

Stormwater Management Program (SWMP)

General NPDES Permit No. GAG610000 for
Small Municipal Separate Storm Sewer Systems (MS4)

1. General Information

- A. Name of small MS4: Columbia County, Georgia
- B. Name of responsible official: Douglas R. Duncan
Title: Chairman, Columbia County Board of Commissioners
Mailing Address: P.O. Box 498
City: Evans State: GA Zip Code: 30809
Telephone Number: 706-868-3379
- C. Designated stormwater management program contact:
Name: Katie Beth Jennings
Title: Stormwater Compliance Manager
Mailing Address: P.O. Box 498
City: Evans State: GA Zip Code: 30809
Telephone Number: 706-447-6700
Email Address: kjennings@columbiacountyga.gov
- D. Provide the river basin(s) to which your MS4 discharges: Savannah
- E. Provide the latitude and longitude of the MS4 center (e.g. City Hall, County offices, MS4 mailing address) using Global Positioning System (GPS) –WG 84:
Latitude: 33.54525 Longitude: -82.13390

2. Sharing Responsibility

- A. Has another entity agreed to implement a control measure on your behalf?
Yes _____ No X (If no, skip to Part 3)

Control Measure or BMP:

1. Name of entity _____
2. Control measure or component of control measure to be implemented by entity on your behalf:

- B. Attach an additional page if necessary to list additional shared responsibilities. **It is mandatory that you submit a copy of a written agreement between your MS4 and the other entity demonstrating written acceptance of responsibility.**

3. Minimum Control Measures and Appendices

- A. Public Education and Outreach
- B. Public Involvement/Participation
- C. Illicit Discharge Detection and Elimination
- D. Construction Site Stormwater Runoff Control
- E. Post-Construction Stormwater Management in New Development and Redevelopment
- F. Pollution Prevention/Good Housekeeping
- G. Appendix A – Enforcement Response Plan
- H. Appendix B – Impaired Waters

4. 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 gathered and evaluated the information submitted. Based upon 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.

Printed Name: R. Kyle Titus

Date: 5/24/23

Signature:  Title: Director, Engineering Services Division

Stormwater Management Program

Public Education and Outreach on Storm Water Impacts

Table 4.2.1(a) of the Permit

A. Best Management Practice (BMP) #1

1. Target audience: Citizens
2. Description of BMP: Ongoing social media program. Educate citizens on stormwater related issues through the use of posts on social media. The topics to be addressed will focus on stormwater quality and how local citizens can get involved.
3. Measurable goal(s): At least one social media post will be made annually.
4. Documentation to be submitted with each annual report: A copy of the social media post and the number of interactions (likes, views, etc. depending on the platform).
5. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): 2020
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
6. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
7. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be determined by the number of views recorded.

B. BMP #2

1. Target audience: Citizens
2. Description of BMP: Municipal Website. The Columbia County “Green Guide”, which is launched from the County website, will be used to provide information and facts on topics such as stormwater management, issues and solutions, and hot topics.
3. Measurable goal(s): The Green Guide will be reviewed annually and updated as needed.
4. Documentation to be submitted with each annual report: The number of views on the Green Guide. Screenshots of any updates made.
5. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
6. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
7. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by the number of views on this guide.

C. **BMP #3**

1. Target audience: 5th Grade Students
2. Description of BMP: School Presentations. The Stormwater Department will partner with Columbia County Extension Services 4-H Program to educate 5th grade students on stormwater pollution and prevention.
3. Measurable goal(s): Present the water pollution program to 5th grade classes.
4. Documentation to be submitted with each annual report: The number of students reached and a copy of the curriculum.
5. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
6. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
7. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be determined by giving a random sampling of students a verbal quiz on stormwater prior to the lesson and then repeating the quiz after the lesson.

D. BMP #4

1. Target audience: Developers, Builders, and Contractors
2. Description of BMP: Newsletter. Education of developers, builders, and contractors. A newsletter, "Here's the Dirt", will be created focusing on soil erosion and sediment control problems and solutions along with associated hot topics.
3. Measurable goal(s): Publish the Here's the Dirt newsletter annually and distribute it via email to developers, builders, and contractors whose contact information is located on a Notice of Intent and/or Land Disturbance Permit.
4. Documentation to be submitted with each annual report: A copy of the newsletter and the number of individuals it was emailed to.
5. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
6. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
7. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by the number of newsletters that are distributed each year.

Public Involvement/Participation
Table 4.2.2 (a) of the Permit

A. Best Management Practice (BMP) #1

1. Target audience/stakeholder group: Local engineers (and related fields) and citizens
2. Description of BMP: Local stormwater management panel, the Drainage Basin Advisory Council. The Columbia County Board of Commissioners will appoint a council of seven volunteer citizens to serve. The council should provide input on current stormwater issues and offers suggestions for improving public education and involvement. The council should also discuss stormwater pollution issues in the County.
3. Measurable goal(s): The stakeholder group will meet at least twice a year.
4. Documentation to be submitted with each annual report: A copy of the sign-in sheet and agenda from each meeting.
5. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
6. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
7. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be determined by tracking attendance at the Council meetings.

B. BMP #2

1. Target audience/stakeholder group: Citizens
2. Description of BMP: Citizen hotline. The County provides a County-wide resource for non-emergency public services via 3-1-1. The 3-1-1 center accepts calls from citizens with questions, concerns, or service requests regarding stormwater.
3. Measurable goal(s): Perform service requests for stormwater-related issues received through the 3-1-1 hotline. Conduct the initial site investigation or reach out to the citizen within three business days.
4. Documentation to be submitted with each annual report: The number of stormwater-related service requests conducted. A master spreadsheet of the complaints received with pertinent details.
5. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
6. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
7. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be determined by the number of service requests we respond to each year.

C. **BMP #3**

1. Target audience/stakeholder group: Citizens
2. Description of BMP: Citizen science/volunteer monitoring through Adopt-A-Stream. Columbia County will partner with Adopt-A-Stream to monitor Reed Creek for water quality parameters to include conductivity.
3. Measurable goal(s): Conduct at least one sampling event annually.
4. Documentation to be submitted with each annual report: Sampling dates and results.
5. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
6. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
7. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP will be determined by how many sampling events are conducted annually.

D. BMP #4

1. Target audience/stakeholder group: Citizens
2. Description of BMP: Pet waste stations. Columbia County partnered with the Friends of Euchee Creek to install new pet waste stations along a section of the Greenway. The County will supply and stock these pet waste stations.
3. Measurable goal(s): Stock the pet waste stations as needed, at least annually.
4. Documentation to be submitted with each annual report: A spreadsheet of the dates and amount of bags stocked.
5. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
6. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
7. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be determined by the number of pet waste bags replaced annually.

Illicit Discharge Detection and Elimination
Table 4.2.3 (a) of the Permit

A. BMP #1 – Legal Authority

1. Description of BMP: Legal Authority. The Columbia County Code of Ordinances Section 34-148 prohibits non-stormwater discharges to the County’s Municipal Separate Storm Sewer System (MS4) and Section 34-149 prohibits illicit connections to the County’s MS4. Each year these ordinances will be reviewed to determine if changes are necessary to keep the County current with state and federal rules and regulations.
2. Measurable goal(s): Review the Columbia County Code of Ordinance Sections 34-148 and 34-149 annually. Revise the Ordinances when reviews deem it necessary.
3. Documentation to be submitted with each annual report: A Copy of the current Ordinance.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the reduction in the number of illicit charges prohibited by the authority of this ordinance.

SWMP Attachments:

- Illicit Discharge Detection and Elimination ordinance, showing adoption date (*enclosed*)
- If you are located within the Metropolitan North Georgia Planning District (District), attach copies of all of the District ordinances, showing the adoption dates, to the SWMP. (*N/A*)

B. BMP #2 – Outfall Map and Inventory

1. Description of BMP: Outfall map and inventory. Columbia County has a comprehensive procedure in place for maintaining an inventory of the County's stormwater assets. The resulting map contains all stormwater infrastructure data, including outfalls and receiving streams.
2. Measurable goal(s): Update the existing Columbia County MS4 outfall map and inventory as outfalls are built in new construction and development projects.
3. Documentation to be submitted with each annual report: A current copy of the outfall map and inventory.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by how many outfalls are inspected each year.

SWMP Attachments:

- Outfall inventory (*enclosed*)
- Outfall map showing the outfalls and the receiving streams, including stream names (*enclosed*)

C. BMP #3 – IDDE Plan

1. Description of BMP: Illicit Discharge Detection and Elimination (IDDE) Plan. Columbia County will enforce a program to detect and eliminate illicit discharges. The IDDE Plan consists of the following components: dry weather screening (DWS) of MS4 outfalls, investigation of potential illicit discharges, and elimination of illicit discharges.
2. Measurable goal(s): Conduct DWS and inspections of the County’s MS4 outfalls each year following procedures prescribed in the IDDE Standard Operating Guidelines so that 100% of the outfalls are inspected within the permit period. At a minimum, 5% of the outfalls will be inspected annually. Implement investigative and elimination procedures outlined in the SOG when the results of a DWS of an outfall indicate a potential for an illicit discharge. Follow enforcement procedures described in the Columbia County MS4 Enforcement Response Plan for applicable illicit discharges discovered during DWS.
3. Documentation to be submitted with each annual report: A copy of the IDDE Plan and copies of the DWS forms. The DWS forms will contain information about the screening and if an issue is identified, the form will contain source-tracking information.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department.
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number of illicit discharges discovered and resolved during dry weather screenings.

SWMP Attachments:

- Illicit Discharge Detection and Elimination Plan (*enclosed*)
- Outfall inspection form (*enclosed on the IDDE Plan*)
- If using an alternate method in place of outfall inspections, the form to document activities (*N/A*)

- Form to document stream walks (*N/A*)
- Form to document source tracing (*enclosed on the IDDE Plan*)
- Form to document illicit discharge elimination (*enclosed on the IDDE Plan*)
- Example table to track outfall inspections over the permit cycle (*enclosed*)

D. BMP #4 – Education

1. Description of BMP: Education. Education on understanding, preventing, and reporting illicit discharges and illicit connections is vital. On the County Green Guide website, we will provide locally pertinent information on what illicit discharges are, the associated hazards, preventative measures, and how to report issues to 3-1-1. This information will be updated annually to ensure new educational content is provided to the citizens each year.
2. Measurable goal(s): Review the online content annually and update based on community needs. Make at least one educational update annually.
3. Documentation to be submitted with each annual report: The number of hits to the webpages and screenshots of updates made.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by tracking the number of visits to this webpage.

E. BMP #5 – Complaint Response

1. Description of BMP: Complaint Response. Columbia County’s procedures for receiving, investigating, and tracking the status of illicit discharge complaints are contained in the Columbia County Illicit Discharge Detection and Elimination (IDDE) Standard Operating Guidelines.
2. Measurable goal(s): Implement complaint response procedures established in the IDDE SOG. Respond to complaints within three business days.
3. Documentation to be submitted with each annual report: A copy of the complaints received and investigated. The complaint file will include type of complaint, dates of receipt and investigation, and the complaint status.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by the number of IDDE complaints received and the number of issues resolved.

SWMP Attachments:

- Complaint procedures, including receipt, investigation and enforcement (*enclosed on the IDDE Plan*)
- Form used to document complaint receipt, handling, and resolution (*enclosed is a screenshot of the main page of our 311 complaint tracking system*)

Construction Site Storm Water Runoff Control
Table 4.2.4 (a) of the Permit

A. BMP #1 – Legal Authority

1. Description of BMP: Legal Authority. The Columbia County Code of Ordinances Section 34 Article III addresses soil erosion and sedimentation as well as construction waste. Each year this ordinance will be reviewed to determine if changes are necessary to keep the County current with state and federal rules and regulations. The Erosion and Sedimentation Ordinance, which includes construction site waste control, and showing adoption date, is enclosed.
2. Measurable goal(s): Review the Columbia County Code of Ordinances Section 34 Article III annually. Revise the Ordinance as needed.
3. Documentation to be submitted with each annual report: A copy of the current Ordinance Section 34 Article III.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number of Stop Work Order Erosion & Sediment Control violations that are resolved.

SWMP Attachments:

- Erosion and Sedimentation ordinance, showing adoption date. If the required construction waste wording is contained in another ordinance (e.g. litter), then submit that adopted ordinance also. (*enclosed*)

B. BMP #2 - Site Plan Review Procedures

1. Description of BMP: Site Plan Review Procedures. Columbia County reviews site plans for construction projects according to provisions in the County's Memorandum of Authorization (MOA) to ensure they conform to applicable rules, ordinances, and regulations. For these plan reviews, the current Georgia Soil and Water Conservation Commission (GSWCC) ES&PC plan review checklists will be used. The SOG for site plan review procedures, example of plan review forms, and example of plan review tracking log are enclosed.
2. Measurable goal(s): Implement the site plan review procedures per the MOA and using the current GSWCC checklists. Keep track of the number of land disturbance permits applied for and issued.
3. Documentation to be submitted with each annual report: A list of the site plans received, approved, or denied. Also, the total number of permit applications issued.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number site plans that are denied for not complying with applicable rules, ordinances, and regulations.

SWMP Attachments:

- Site plan review procedures (*enclosed*)
- Example plan review forms (*enclosed*)
- Example plan review tracking log (*enclosed*)

C. **BMP #3 – Inspection Program**

1. Description of BMP: Inspection Program. Inspections of all construction sites are conducted on a continuing basis until final stabilization. Residential, commercial, and subdivision developments are required to implement erosion control BMPs that have been approved by the Engineering Services Division during the site plan review and permitting process. Inspections are documented electronically using Munis. The construction site inspection procedures, example inspection forms, and example site inspection tracking log are enclosed.

2. Measurable goal(s): Implement the Construction Site Inspection Procedures using inspection forms and maintaining the inspection log in Munis.

3. Documentation to be submitted with each annual report: A list or table of active construction sites showing the dates of inspection.

4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually

5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department

6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number of inspections conducted.

SWMP Attachments:

- Construction site inspection procedures (*enclosed*)
- Example inspection forms (*enclosed*)
- Example site inspection tracking log (*enclosed*)

D. BMP #4 – Enforcement Procedures

1. Description of BMP: Enforcement Procedures. Inspections of all construction sites are conducted on a continuing basis until final stabilization. Residential, commercial, and subdivision developments are required to implement erosion control BMPs that have been approved by the Engineering Services Division during the site plan review and permitting process. If, during inspections conducted according to the Inspection Program Procedures, it is determined that a site is not in compliance with the County’s Erosion and Sediment Control ordinance, enforcement will be initiated according to procedures delineated in the Columbia County MS4 Enforcement Response Plan (ERP). The ERP is included.

2. Measurable goal(s): Ensure enforcement action and resolution is taken for 100% of identified violations.

3. Documentation to be submitted with each annual report: Documentation of any enforcement actions taken during the reporting period, including the number and type (e.g., Notice of Violation, Stop Work Order), status (e.g., pending, resolved), and the amount of any assessed penalties.

4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually

5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department

6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number of enforcement actions.

SWMP Attachments:

- Example enforcement forms or letters (e.g. Stop Work Order, Warning Notice) (*enclosed*)
- Example enforcement action tracking log (*enclosed*)

E. BMP #5 – Complaint Response

1. Description of BMP: E&S Complaint Response Procedures. Columbia County’s citizen hotline center, 3-1-1, provides a means of receiving complaints from the public pertaining to construction site soil erosion and sediment control. In general, citizen complaints are taken over the phone or email. Once a complaint has been made, a complaint identification number is issued and the complainant’s contact information and a description of the problem are entered into the 311 complaint database, Cityworks. The complaint is then forwarded to the attention of an inspector. The inspector will address the issue and follow-up with the complainant if they provided their contact information. Then the inspector will provide details of resolution to the office to formally close-out the complaint in Cityworks.

2. Measurable goal(s): Implement the E&S complaint response procedures described in the BMP.

3. Documentation to be submitted with each annual report: A copy of the complaints received including the date of receipt, date of investigation, type of complaint, and complaint status.

4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually

5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department

6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by determining how many complaints lead to correction of E&S issues.

SWMP Attachments:

- Complaint procedures, including receipt, investigation and enforcement (*enclosed*)
- Form used to document complaint receipt, handling, and resolution (*enclosed is a screenshot of the main page of our 311 complaint system*)

F. BMP #6 – Certification

1. Description of BMP: Certification. All MS4 staff involved in construction activities subject to the Construction General Permits either are or will be trained and certified in accordance with the rules adopted by the Georgia Soil and Water Conservation Commission.
2. Measurable goal(s): Have all MS4 personnel involved in construction activities subject to the Construction General Permits trained and certified in accordance with the rules adopted by the Georgia Soil and Water Conservation Commission. Get new employees certified within 6-months of hire.
3. Documentation to be submitted with each annual report: A list of the number and type of current certifications held by MS4 staff. Screenshot documentation of staff certifications on the Georgia Soil and Water Conservation Commission website.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the levels of certifications held by MS4 staff.

**Post-Construction Storm Water Management in
New Development and Redevelopment**
Table 4.2.5 (a) of the Permit

A. BMP #1 – Legal Authority

1. Description of BMP: Legal Authority. The Columbia County Code of Ordinances Section 34 Article IV addresses post-construction stormwater management. Additionally, the County has adopted the Georgia Stormwater Management Manual (GSMM) and the Columbia County Supplement (Supplement) to the GSMM. The Supplement upholds the GSMM and it provides further guidance and detail to be more tailored to the local community. This Article and the Supplement will be reviewed annually to determine if changes are necessary to keep the County current with state and federal rules and regulations.
2. Measurable goal(s): Review the Columbia County Code of Ordinances Section 34-IV and Supplement annually. Revise the ordinance and Supplement when necessary.
3. Documentation to be submitted with each annual report: If the ordinance and/or Supplement is revised during the reporting period a copy of the adopted ordinance and/or Supplement will be submitted.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number of plans that require stormwater runoff quality measures.

SWMP Attachments:

- Post-Construction ordinance, showing adoption date (*enclosed*)
- If the population exceeds 10,000, a completed worksheet or other method used to conduct the code and ordinance evaluation (e.g. Center for Watershed Protection's Code and Ordinance Worksheet, EPA's Scorecard) (*enclosed*)

B. BMP #2 - Inventory

1. Description of BMP: Post-Construction Stormwater Management Structure Inventory. Columbia County has developed a comprehensive procedure for inventorying all of the County's storm water assets within the delineated permit coverage area. This inventory includes publically-owned post-construction storm water management structures (to include detention/retention and underground detention) and privately-owned structures designed after December 9, 2008. The inventory will include information on the structure ownership, type, and a total count. The inventory will be updated as new structures are accepted or existing structures are identified. For all new non-permittee owned structures, maintenance agreements will be executed during the design phase.
2. Measurable goal(s): Develop and maintain an up-to-date inventory of public detention/retention ponds and underground detention structures. Also on this inventory include privately-owned structures designed after December 9, 2008.
3. Documentation to be submitted with each annual report: Provide an updated inventory of post-construction stormwater management structures, including those added during the reporting period, with each annual report.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number of structures that are added each year.

SWMP Attachments:

- Inventory of detention/retention ponds and water quality vaults (*enclosed*)

C. **BMP #3 – Inspection Program**

1. Description of BMP: Inspection Program of Post-Construction Stormwater Management Structures. Columbia County has an inventory of post-construction stormwater management structures and 100% of the structures will be inspected within the permit period. At a minimum, 5% of the structures will be inspected annually. The inspections will be conducted in accordance with the procedures outlined in the County’s Operations and Maintenance SOG, the Georgia Storm Water Management Manual, and the Columbia County Supplement. The inspections will be documented electronically in Cityworks.
2. Measurable goal(s): Annually inspect at least 5% of the post-construction stormwater management structures located in the permit coverage area so that 100% of the structures are inspected within the permit period.
3. Documentation to be submitted with each annual report:
 - A report of the post-construction stormwater management structure inspections conducted during the reporting period. The report will contain the total number and percentage of structures inspected.
 - Copies of example inspection forms.
 - A copy of the current Operations and Maintenance SOG.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number of structures that are inspected each year.

SWMP Attachments:

- Inspection procedures (*enclosed on the Operation and Maintenance SOG*)
- Example inspection forms (*enclosed*)

- Example table for tracking inspections conducted over permit cycle (*enclosed*)

D. BMP #4 – Maintenance Program

1. Description of BMP: Maintenance Program for Post-Construction Stormwater Management Structures. The County will operate and maintain the permittee-owned structures included on the inventory according to the maintenance schedules outlined in the County’s Stormwater Operation and Maintenance SOG and the Georgia Storm Water Management Manual. For publically-owned structures owned by other entities and privately-owned structures whose construction is completed after December 6, 2012, maintenance will be performed by the owner/operator and the County will require a maintenance agreement. The County will retain copies of all maintenance agreements.

2. Measurable goal(s): Maintain permittee-owned detention ponds, retention ponds, and underground detention according to the maintenance schedules outlined in the County’s Stormwater Operation and Maintenance SOG and the Georgia Storm Water Management Manual. Obtain maintenance agreements outlining the owner’s responsibilities for privately-owned structures included in the inventory developed in BMP #2.

3. Documentation to be submitted with each annual report:
 - A master work order spreadsheet of structures maintained and the type of maintenance performed.
 - An updated inventory of the maintenance agreements executed with the owners/operators of privately owned post-construction stormwater management that includes the total number of maintenance agreements that were executed during the reporting period.
 - For privately-owned structures on the inventory in BMP #2, when inspections deemed maintenance is needed, submit copies of the inspection reports and corresponding letters sent to the property owner.

4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually

5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department

6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number of structures that are maintained each year.

SWMP Attachments:

- Example form for documenting maintenance (*enclosed*)
- Example maintenance agreements (*enclosed*)
- List of maintenance agreements executed to date (*enclosed*)
- Example letters to notify owners of maintenance deficiencies (*enclosed*)

E. BMP #5 – GI/LID Program

1. Description of BMP: GI/LID Program. The County will develop and implement a GI/LID program. Program components include background information on the MS4, procedures for evaluating the feasibility and site applicability of different GI/LID techniques and practices, allowable GI/LID structures, and procedures for inspection and maintenance based on ownership (to include example inspection forms and an example maintenance agreement).
2. Measurable goal(s): Implement the GI/LID Program to ensure that all applicable new development and redevelopment projects adhere to it. Evaluate all applicable new development and redevelopment projects for compliance with the program.
3. Documentation to be submitted with each annual report: A copy of the GI/LID Program.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number of GI/LID structures that are approved.

SWMP Attachments:

- Inventory of all permittee-owned GI/LID structures, and structures publicly-owned by other entities and privately-owned non-residential constructed after 12/6/12. (*enclosed*)

F. BMP #6 – GI/LID Structure Inventory

1. Description of BMP: GI/LID Structure Inventory. Columbia County will develop and maintain an inventory of water quality related GI/LID structures, including bioswales, pervious pavement, rain gardens, cisterns, and green roofs, within the delineated permit area. The inventory will be updated as new structures are completed or existing structures are identified. The inventory will also include a total of each type of structure. As non-permittee owned structures are approved during plan design then maintenance agreements will be executed.
2. Measurable goal(s): Develop an inventory of water quality related GI/LID structures constructed on or after December 6, 2012, to be submitted with the annual report. Track the addition of new water quality related GI/LID structures through the plan review process and ensure the structures are added to the inventory following completion. Execute maintenance agreements for all non-permittee owned structures.
3. Documentation to be submitted with each annual report: An updated inventory, including those structures added, either by completion of construction or identification of an existing structure, during the reporting period.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number of GI/LID structures that are constructed in the County each year.

SWMP Attachments:

- GI/LID Program, including example inspection forms and maintenance agreements (enclosed)

G. BMP #7 – GI/LID Structure Inspection Program

1. Description of BMP: GI/LID Structure Inspection Program. The County will conduct inspections on 100% of the GI/LID structures on the inventory in BMP #6 within a 5-year period. At a minimum the County will inspect 5% of the structures annually. The inspections will be conducted in accordance with the procedures outlined in the County's GI/LID Program.
2. Measurable goal(s): Annually inspect at least 5% of the GI/LID structures located in the stormwater area so that 100% of the structures are inspected within the permit period.
3. Documentation to be submitted with each annual report: A master work order spreadsheet of structures inspected.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number of structures that are inspected each year.

SWMP Attachments:

- Example inspection forms (*enclosed*)
- Example table for tracking inspections conducted over permit cycle (*enclosed on the MCM 5 BMP 6. GI Inventory*)

H. BMP #8 – GI/LID Structure Maintenance Program

1. Description of BMP: GI/LID Structure Maintenance Program. The County will operate and maintain permittee-owned structures included on the inventory according to the County’s Operation and Maintenance SOG and the Georgia Stormwater Management Manual. For publically-owned structures owned by other entities and privately-owned non-residential structures, maintenance will be performed by the owner/operator and the County will require a maintenance agreement. The County will retain copies of all maintenance agreements.

2. Measurable goal(s): Maintain permittee-owned GI/LID structures according to the maintenance schedules outlined in the County’s Stormwater Operation and Maintenance SOG and the Georgia Storm Water Management Manual. Obtain maintenance agreements outlining the owner’s responsibilities for publically-owned structures owned by other entities and privately-owned non-residential structures included in the inventory developed in BMP #6.

3. Documentation to be submitted with each annual report:

- A master work order spreadsheet of structures maintained and the type of maintenance performed.
- A summary of the maintenance agreements executed with the owners/operators of publically-owned structures owned by other entities and privately-owned non-residential structures.
- For publically-owned structures owned by other entities and privately-owned non-residential structures on the inventory, when inspections deem maintenance is necessary, copies of the inspection reports and corresponding letters sent to the property owner.

4. Schedule:

- a. Interim milestone dates (if applicable): N/A
- b. Implementation date (if applicable): N/A
- c. Frequency of actions (if applicable): Annually
- d. Month/Year of each action (if applicable): Annually

5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department

6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number of structures that are maintained each year.

SWMP Attachments:

- Example form for documenting maintenance (*enclosed*)
- Example maintenance agreements (*enclosed on the MCM 5 BMP 5. GI-LID Program*)
- List of maintenance agreements executed to date (*enclosed on the MCM 5 BMP 4. Maintenance Agreements - Comprehensive*)
- Example letters to notify owners of maintenance deficiencies (*enclosed*)

Pollution Prevention/Good Housekeeping for Municipal Operations
Table 4.2.6 (a) of the Permit

A. BMP #1 – MS4 Structure Inventory and Map

1. Description of BMP: MS4 Control Structure Inventory and Map. The County will continue to inventory and map all MS4 components within the permit coverage area to include catch basins, ditches, storm drain pipes, and detention/retention ponds and underground detention ponds.
2. Measurable goal(s): Add new catch basins, ditches, storm drain pipes, and retention/detention and underground detention to the inventory and map as these structures are accepted by the County.
3. Documentation to be submitted with each annual report: An updated map and inventory, and the number of structures added during the reporting period and the total number of structures.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by determining the number of structures added to the inventory each year.

SWMP Attachments:

- Inventory listing 4 structure types (catch basins, ditches, pipes, permittee-owned ponds) (*enclosed*)
- Map showing 4 structure types (*enclosed*)

B. BMP #2 – MS4 Inspection Program

1. Description of BMP: MS4 Inspection Program. The inspection of MS4 control structures (catch basins, detention/retention ponds, underground detention ponds, ditches, and storm drain pipes) within the County’s Urbanized Area to address stormwater quantity and quality concerns is done on a scheduled route as well as on a complaint basis. The County will inspect catch basins, detention/retention ponds, underground detention, ditches, and storm drain pipes, as outlined in the County’s Operation and Maintenance SOP.

2. Measurable goal(s): Annually inspect at least 5% of the MS4 control structures (catch basins, detention/retention ponds, underground detention ponds, ditches, and storm drain pipes) located in the permit coverage area so that 100% of the structures are inspected within the 5-year permit term.

3. Documentation to be submitted with each annual report:
 - Provide a master spreadsheet report of the structures inspected during the reporting period.
 - Provide the number and percentage of structures inspected during the reporting period.
 - A copy of the most recent Operations and Maintenance SOG.

4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually

5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department

6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be determined by defining how many control structures are inspected each year.

SWMP Attachments:

- Inspection program, including implementation schedule (*enclosed on the Operation and Maintenance SOG*)
- Example inspection forms (*enclosed*)
- Example table for tracking inspections over the permit cycle (*enclosed*)

C. BMP #3 – MS4 Maintenance Program

1. Description of BMP: MS4 Maintenance Program – MS4 Control Structures. Maintenance is performed on MS4 control structures within the County’s Permit Coverage Area when inspections indicate it is necessary. The County will maintain the MS4 control structures (catch basins, ditches, detention/retention ponds, underground detention ponds, and storm drain lines), according to the maintenance schedules outlined in the County’s Operation and Maintenance SOG and the Georgia Storm Water Management Manual. For more information on the MS4 Maintenance Program see Post-Construction Stormwater Management BMP #4.
2. Measurable goal(s): Conduct required maintenance for MS4 control structures located in the Permit Coverage Area each year as needed.
3. Documentation to be submitted with each annual report:
 - A list of structures maintained and the type of maintenance performed, including documentation of maintenance activities performed during the reporting period.
 - A total of the number of each type of structure maintained during the reporting period.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number of structures that are maintained each year.

SWMP Attachments:

- Maintenance procedures (*enclosed on the Operation and Maintenance SOG*)
- Example maintenance forms (*enclosed*)

D. BMP #4 – Street and Parking Lot Cleaning

1. Description of BMP: Street and Parking Lot Cleaning. Street sweeping is conducted based on work orders, which are primarily generated from complaints. Street sweeping and litter control procedures are completed in accordance with the County's Operation and Maintenance SOG. Street sweeping and consequential litter disposal are documented electronically by the Roads and Bridges Department.
2. Measurable goal(s): A minimum of 1 mile of streets will be swept each year according to the procedure above.
3. Documentation to be submitted with each annual report:
 - A list of the areas and the length of streets that were swept.
 - The amount of litter and debris gathered and disposed of in a permitted landfill from street sweeping activities.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be determined by noting the number of miles swept each year.

SWMP Attachments:

- Street sweeping procedures (*enclosed on the Operation and Maintenance SOG*)
- Street sweeping log page or other form (*enclosed*)
- Litter removal procedures (*enclosed on the Operation and Maintenance SOG*)
- Litter removal log page or other form (*enclosed*)

E. BMP #5 – Employee Training

1. Description of BMP: Employee Training. The County will maintain a training program that includes a description of the employee categories to be trained, the methods for providing the training, the topics to be addressed, and the documentation to be provided in each report. Training will cover topics such as good housekeeping at municipal facilities, illicit discharge detection, construction site inspection, and green infrastructure. Training will be conducted at least once a year.
2. Measurable goal(s): Train applicable employees annually on topics such as good housekeeping, illicit discharge detection, construction site inspection, or green infrastructure.
3. Documentation to be submitted with each annual report: Sign-in sheets from the training.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be determined by counting the number of employees trained each year.

SWMP Attachments:

- Employee training program (*enclosed*)
- Example sign-in sheet or other documentation forms (*enclosed*)

F. BMP #6 – Waste Disposal

1. Description of BMP: Waste Disposal. To ensure the proper disposal of waste collected from street sweeping and vac-truck operations, waste removed from the MS4 will be disposed of according to the County's Operations and Maintenance SOG.
2. Measurable goal(s): 100% of the waste removed from the MS4 by street sweeping and vac-truck operations will be disposed of properly in a permitted local landfill.
3. Documentation to be submitted with each annual report: Waste receipts of the waste taken to a local permitted facility.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be determined by measuring the amount of debris collected.

SWMP Attachments:

- Waste disposal procedures (*enclosed on the Operation and Maintenance SOG*)
- Example form for tracking waste disposal (*enclosed*)

G. BMP #7 – New Flood Management Projects

1. Description of BMP: New Flood Management Projects. New flood management projects, e.g., detention and retention ponds, will be assessed for water quality impacts during the design and plan review phase.
2. Measurable goal(s): Assess 100% of proposed flood management projects for water quality impacts during the design phase.
3. Documentation to be submitted with each annual report: The number of plans reviewed where flood management projects were assessed for water quality impacts during the reporting period.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number of proposed flood management projects reviewed.

SWMP Attachments:

- Procedures for assessing new plans for water quality impacts (*enclosed*)
- Example forms used to document the assessment of new plans (*enclosed*)

H. BMP #8 – Existing Flood Management Projects

1. Description of BMP: Existing Flood Management Projects or Structures. Existing County owned flood management control structures (e.g., detention and retention ponds) will be evaluated for possible retrofitting opportunity to address water quality impacts. Within the 5-year permit term we will assess 100% of the structures with at least one structure assessed annually. Assessments will be made using the Water Quality Improvement Worksheet enclosed.
2. Measurable goal(s): Conduct an assessment of at least one existing County owned flood management projects or structures annually for potential retrofitting to address water quality impacts so that 100% of structures are assessed during the 5-year permit term.
3. Documentation to be submitted with each annual report: Provide a table listing the existing flood management structures, the date of assessment, the results of the assessment, and the status of any retrofitting activities.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be measured by noting the number existing structures that are assessed.

SWMP Attachments:

- Procedures for assessing existing flood management structures for potential retrofit (*enclosed on the Operation and Maintenance SOG*)
- List of existing flood management structures (*enclosed*)
- Example forms used to document the assessment of existing structures (*enclosed*)

I. BMP #9 – Municipal Facilities

1. Description of BMP: Municipal facilities. The County has developed an inventory of the municipal facilities that have the potential to cause pollution, and the County will update this inventory as new structures are added.
2. Measurable goal(s): Conduct inspections on the facilities in the inventory, with a minimum 1 inspection annually, so that all facilities are inspected within the 5-year permit period.
3. Documentation to be submitted with each annual report: The most current version of the inventory. The inspection form utilized during the inspection.
4. Schedule:
 - a. Interim milestone dates (if applicable): N/A
 - b. Implementation date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Annually
5. Person (position) responsible for overall management and implementation of the BMP: Stormwater Department _
6. How you will determine whether this BMP is effective in accordance with Part 5.1.4 of the Permit: The effectiveness of this BMP may be determined by noting the number of facilities that are inspected each year.

SWMP Attachments:

- Inventory of municipal facilities (*enclosed*)
- Procedures for conducting inspections (*enclosed*)
- Example inspection forms (*enclosed*)
- Example table to track inspections over permit cycle (*enclosed on inventory*)

Appendix A

Enforcement Response Plan

1. The MS4 was required to develop an Enforcement Response Plan (ERP) that describes the action to be taken for violations of the Stormwater Management Program during a previous permit iteration.
 - A. Provide the date the ERP was approved by EPD: April 7, 2020
 - B. If the ERP has not yet been approved, provide the date submitted to EPD: _____
2. The ERP is to be evaluated annually and revised as needed. Provide the most recent version of the ERP as an attachment to this Appendix.

Appendix B

Impaired Waters

1. Population based on the latest U.S. Census: 156,010

Date of the latest U.S. Census used: 2020

If the population is less than 10,000, then see item #2 below.

If the population exceeds 10,000, then see items #3 below.
2. If the population is less than 10,000, then the MS4 must develop an Impaired Waters Plan (IWP) (see Part 4.4.1 of the NPDES Permit) including:
 - A list of impaired waters and the pollutant(s) of concern;
 - A map showing the location of the impaired waters and all identified MS4 outfalls located on the impaired waters or occurring within one linear mile upstream of the waters;
 - BMPs that will be implemented to address each pollutant of concern; and
 - A schedule for implementing the BMPs.
3. If the population exceeds 10,000, then the MS4 must develop an Impaired Waters Plan/Monitoring and Implementation Plan (MIP) (see Part 4.4.2 of the NPDES Permit) including:
 - A list of impaired waters and the pollutant(s) of concern, including the date of the 303(d) list used;
 - A map showing the location of the impaired waters, the monitoring location(s), and all identified MS4 outfalls located on the impaired waters or occurring within one linear mile upstream of the waters;
 - The sample location (instream or at the outfalls);
 - Information on the sample type, frequency, and any seasonal considerations;
 - Schedule for starting monitoring for any newly identified pollutants;
 - BMPs that will be implemented to address each pollutant of concern;
 - A schedule for implementing the BMPs; and
 - The information to be included in each annual report, including the monitoring data, as assessment of data trends, and an assessment of the effectiveness of the BMPs.
4. The IWP and MIP must be evaluated annually and revised as needed. The most recent version of the IWP or MIP must be submitted as an attachment to this appendix.

7019 1640 0001 1480 5931

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Atlanta, GA 30334

OFFICIAL USE

Certified Mail Fee	\$4.15	
Extra Services & Fees (check box, add fee as appropriate)	\$3.35	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$9.65	
Total Postage and Fees	\$17.15	

Postmark Here
0613 07
06/02/2023
Miranda Knapp e

Sent To
GA Dept. of Natural Resources, EPD, Stormwater Unit
 Street and Apt. No., or PO Box No.
2 Martin Luther King Jr. Drive, SE
 City, State, ZIP+4® Suite 1402, East Tower
Atlanta, GA 30334

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Up to \$100.00 included

Certified Mail®	\$4.15
Tracking #:	
70191640000114805931	
Return Receipt	\$3.35
Tracking #:	
9590 9402 6341 0296 7824 79	
Total	\$17.15

Grand Total: \$17.15

Credit Card Remit \$17.15

Card Name: VISA
 Account #: XXXXXXXXXXXXX2669
 Approval #: 011411
 Transaction #: 118
 AID: A0000000031010 Chip
 AL: VISA CREDIT
 PIN: Not Required

In a hurry? Self-service kiosks offer quick and easy check-out. Any Retail Associate can show you how.

Text your tracking number to 28777 (2USPS) to get the latest status. Standard Message and Data rates may apply. You may also visit www.usps.com USPS Tracking or call 1-800-222-1811.

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Georgia Environmental Protection Division
Department of Natural Resources
Watershed Protection Branch
Nonpoint Source Program, Stormwater Unit
Municipal Team, Attn: Miranda Krepp
2 Martin Luther King Jr. Drive SE
Suite 1462, East Tower
Atlanta, GA 30334



9590 9402 6341 0296 7824 79

2. Article Number (Transfer from service label)

7019 1640 0001 1480 5931

COMPLETE THIS SECTION ON DELIVERY

A. Signature

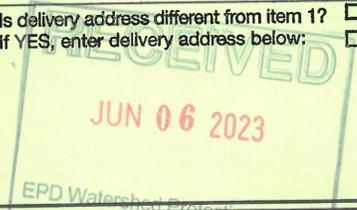
X

- Agent
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? Yes
if YES, enter delivery address below: No



3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery