



**Stormwater Management Program for the
General Permit for Small
Municipal Separate Storm Sewer Systems**

NPDES Permit No. GAG610000

Submitted to the:

Georgia Environmental Protection Division
Watershed Protection Branch
2 Martin Luther King Jr., Drive, SW, Suite 1152
Atlanta, GA 30334
Phone: (404) 656-3500

Prepared and submitted by:

CITY OF LOGANVILLE, GEORGIA

June 2019

**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: City of Loganville
- B. Name of responsible official: Chris Yancey
Title: Director of Utilities
Mailing Address: PO Box 39
City: Loganville State: GA Zip Code: 30052
Telephone Number: 770-466-1306
- C. Designated stormwater management program contact:
Name: Jack Montelbano
Title: Stormwater Foreman
Mailing Address: PO Box 39
City: Loganville State: GA Zip Code: 30052
Telephone Number: 678-768-3939
Email Address: jmontelbano@loganville-ga-gov

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.

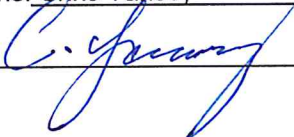
3. **Minimum Control Measures* and Appendices**

- 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 - Enforcement Response Plan
- H. Appendix - 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: Chris Yancey Date: 06/25/2019

Signature:  Title: Director, Water Quality

ATTACHMENTS

1. Public Education Brochure
2. Illicit Discharge Detection and Elimination Ordinance
3. Outfall Inventory and Map
4. IDDE Screening Procedures
5. Complaint Response Procedures
6. Soil Erosion, Sedimentation and Pollution Control Ordinance
7. Soil Erosion, Sedimentation and Pollution Control Plan Review Checklists
8. Soil Erosion and Sediment Control Site Inspection Checklist
9. Post-development Stormwater Management Ordinance
10. Post-development Stormwater Management Control Facility Inventory
11. Stormwater Maintenance Agreement
12. GI/LID Structure Inventory
13. Regulation Review for GI/LID Practices
14. MS4 Inventory and Map
15. Water Quality Evaluation Form for Existing MS4 Flood Control Structures
16. Municipal Facilities List and Inspection Procedures
17. Enforcement Response Plan
18. Impaired Waters Monitoring and Implementation Plan

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix A: Public Education and Outreach on Stormwater Impacts

40 CFR Part 122.34(b)(3) Requirement: You must implement a public education program to distribute educational materials to the community or conduct equivalent outreach activities about the impacts of stormwater discharges on water bodies and the steps that the public can take to reduce pollutants in stormwater runoff.

See Table 4.2.1(a) of the Permit

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix A: Public Education and Outreach on Stormwater Impacts

BMP ID Number: A.1 Educational Brochures

1. Description of BMP: Educational Brochures - The City has a program to disseminate educational material to the target audience over a five year period. Topics will include recommended erosion control practices, prevention of illicit discharges: restaurant BMPs, etc. Brochures will be created and also obtained from the Metropolitan North GA Water Planning District, and placed at City Hall for distribution. City personnel will track the number of educational materials distributed every year. A sample brochure is included in this report.
2. Measurable Goal(s): The City will place 50 brochures at City Hall in order to expose the public and the target audiences to the material and their content. The City will add additional brochures as needed.
3. Documentation to be submitted with each annual report: The City will record the number and type of brochures taken and submit this information in the 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): Ongoing
 - d. Month/Year of each action (if applicable): Various.
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP setting measurable goal(s): The frequent use of City Hall by the public will help promote the distribution of ensure that the brochures are distributed and viewed.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of this Permit: The City will estimate the number of brochures distributed annually to access its effectiveness in educating the public.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix A: Public Education and Outreach on Stormwater Impacts

BMP ID Number: **A.2 Web Site**

1. Description of BMP: Web Site - The City of Loganville will maintain a link to the current city web site (www.loganville-ga.gov) to disseminate all types of information on stormwater issues such as stormwater construction projects, water conservation tips, watershed assessments, floodplain studies, erosion and sedimentation control, etc. Also use web site to have citizens report problems.
2. Measurable Goal(s): Update website as new information becomes available, at least once each year. Website will include a counter tracking the number of people visiting.
3. Documentation to be submitted with each annual report: The City will provide a description any updates to the web site and the total count of visitors to the website 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): Annual
 - d. Month/Year of each action (if applicable): December of each year
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman and Kyle McKinzie, Web Site Manager
6. Rationale for choosing BMP and setting measurable goal(s): This allows masses of people to obtain the most current information regarding the stormwater management programs throughout the city.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will count the number of visitors annually and compare to prior years and assess its effectiveness in educating the public.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000
FOR: CITY OF LOGANVILLE, GEORGIA**

Appendix A: Public Education and Outreach on Stormwater Impacts

BMP ID Number: **A.3 Utility Bill Mailings**

1. Description of BMP: Utility Bill Mailings - The City will continue providing educational material to the public, businesses and government employees about the hazards of illicit discharges. Each year the City will distribute information to utility customers through utility bill mailings.
2. Measurable Goal(s): The City will place information in utility bills yearly to educate approximately 5,000 customers about the hazards of illicit discharges in addition to other stormwater pollution-related topics.
3. Documentation to be submitted with each annual report: The City will provide a description of the method, a copy of the receipt of drop-off and sample educational materials distributed to the public and businesses in 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): Ongoing annually
 - d. Month/Year of each action (if applicable): Ongoing
5. Person (position responsible for overall management and implementation of the BMP): Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): This BMP allows for convenient access and a cost-effective method for reaching large groups of people regarding important stormwater issues.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: This BMP is a required activity per the City's MS4 Permit. Although not a direct indicator of pollutant reduction, the distribution of educational material to the general public, businesses and the government is a good indicator of increasing understanding of the importance of eliminating illicit discharges.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000
FOR: CITY OF LOGANVILLE, GEORGIA**

Appendix A: Public Education and Outreach on Stormwater Impacts

BMP ID Number: **A.4 Community Stormwater Outreach Event**

1. Description of BMP: Community Stormwater Outreach Event - The City will plan and host at least one outreach event each year. Brochures will be distributed to festival attendees at the City Stormwater Booth. Brochure topics will vary, but will likely include: pollution prevention opportunities at home, school and work; identifying illicit discharges; erosion and sediment control; green infrastructure; local watershed health and more. The fall festival is advertised on the City's website.
2. Measurable Goal(s): At least one outreach event per year
3. Documentation to be submitted with each annual report: The City will provide photographs, the number and copies of the brochures distributed at the event.
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annual
 - d. Month/Year of each action (if applicable): Ongoing
5. Person (position responsible for overall management and implementation of the BMP): Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): Annual presentations to the general public will increase understanding of the importance of preventing polluted stormwater runoff, and thereby build support for funding and implementing an effective Stormwater Management Program in the City of Loganville.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will deem this BMP as effective if the annual presentation is heard by a minimum of five attendees.

February 22, 2019

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000
FOR: CITY OF LOGANVILLE, GEORGIA**

Appendix B: Public Involvement /Participation

40 CFR Part 122.34(b)(3) Requirement: You must, at minimum, comply with State, Tribal, and local public requirements when implementing a public involvement/ participation program.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix B: Public Involvement /Participation

BMP ID Number: B.1 Citizen Complaint Contact Number

1. Description of BMP: Citizen Complaint Contact Number - Responding to complaints is an important component of the City's MS4 Program. A phone number for issuing complaints is listed on the City's web site and in a Stormwater Brochure. Complaint response procedures were developed and included in this report.
2. Measurable Goal(s): Prioritize and investigate complaints within 5 working days of receipt.
3. Documentation to be submitted with each annual report: A copy of the work order documenting all complaints, including date received and actions taken during the reporting period will be provided in 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): Ongoing
 - d. Month/Year of each action (if applicable): Ongoing
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): The Citizen Complaint Contact Number provides a way for residents to be involved and participate in ensuring that water quality and erosion and sedimentation violations are being investigated. The contact number is also intended to engage citizens in local water resources protection thereby educating them about the causes and effects of water pollution. The contact number allows the stormwater staff to engage the public about the effectiveness of this citizen complaint number and other parts of the stormwater plan by having an open forum to discuss problem and complaints concerning storwater issues.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The effectiveness will be determined by the successful attainment of this BMP's measurable goals.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix B: Public Involvement /Participation

BMP ID Number: B.2 Dump Days Event

1. Description of BMP: Dump Days Event - The Public Works Department on behalf of the City will coordinate an annual citywide cleanup in the spring of each year. As part of the event, the department asks groups and homeowners to pick up litter in their neighborhoods and local areas. The City will provide heavy duty dumpsters for residents to dispose of items and waste. City employees will also be available to assist with material that requires the use of heavy equipment. The City will dispose of all materials according to waste and recycle categories and regulations in EPD approved landfills.

2. Measurable Goal(s): The city will hold one event each year.

3. Documentation to be submitted with each annual report: The City will provide weight tickets from the landfill showing how much debris was collected and disposed properly from the event.

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) Varies

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

6. Rationale for choosing BMP and setting measurable goal(s): This is a proactive action plan that encourages the community to be responsible in disposing various wastes and trash. By implementing this program the chances of these substances being dumped, directly into the water system or on the land, are diminished.

7. How you will determine whether this BMP is effective in reducing pollution to water in accordance with Part 5.1.4 of the Permit: The City will keep track of the number of residents that participate in the event to show its effectiveness.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000
FOR: CITY OF LOGANVILLE, GEORGIA**

Appendix B: Public Involvement /Participation

BMP ID Number: **B.3 Storm Drain Stenciling Event**

1. Description of BMP: Storm Drain Stenciling – The City will plan and host at least one storm drain stenciling event each year. Local scouts, high school students and teachers, and/or church groups will be invited to participate. The City will provide all materials.
2. Measurable Goal(s): The City will host at least one stenciling event each year.
3. Documentation to be submitted with each annual report: A sign-up sheet of participants and photographs, if allowed, will be provided on an annual basis.
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): 2019
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): Various
5. Person (position responsible for overall management and implementation of the BMP): Jack Montelbano, Stormwater Foreman and Mike McDaniel, WRF Operator
6. Rationale for choosing BMP and setting measurable goal(s): Educating local school children and teachers will encourage understanding of the importance of protecting local water resources.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The involvement of the community in the stormwater stenciling program will reflect the effectiveness of the program.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix B: Public Involvement /Participation

BMP ID Number: B.4 Loganville Beautiful Day

1. Description of BMP: Loganville Beautiful Day – The City will plan and host at least one cleanup event each year to remove litter and other debris from local parks, cemeteries and/or roadways. The event will be advertised on the City’s website and in emails to target groups (e.g., HOA’s, girl scouts, boy scouts, school, etc.).
2. Measurable Goal(s): The City will plan and host at least one cleanup-up event each year.
3. Documentation to be submitted with each annual report: A sign-up sheet of participants and photographs of the event will be provided on an annual basis.
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): 2019
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable) Varies
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): This BMP will result in actual removal of litter from streams and/or city roads.
7. How you will determine whether this BMP is effective in reducing pollution to water in accordance with Part 5.1.4 of the Permit: The City will keep track of the number of residents that participate in the event to gauge the effectiveness of this BMP.

STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000
FOR: CITY OF LOGANVILLE, GEORGIA

Appendix C: Illicit Discharge Detection and Elimination

BMP ID Number: C.1 Illicit Discharge Ordinance Evaluation

1. Description of BMP: Illicit Discharge Ordinance Evaluation - The modification and evaluation of existing Illicit Discharge Ordinance to meet the environmental changes that affect the effectiveness of the BMP in addressing the effectiveness of Illicit Discharge Detection and Elimination. A copy of the current ordinance is included in this report.
2. Measurable Goal(s): Evaluate and modify the existing ordinance, if needed, once each year.
3. Documentation to be submitted with each annual report: If the ordinance is revised during the reporting period, a copy of the revised ordinance will be provided in the 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): Ongoing
 - d. Month/Year of each action (if applicable): Various
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): The evaluation of ordinances will allow the city to confront any new environmental changes that necessitates the need to change or update any regulations in order to be effective in addressing stormwater issues.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will use the results that come from usage of the ordinance and compare it to prior years and assess the various results that come from its use as a BMP. The results will be incidents of violation of the ordinance, compliance issues and occurrences that have been documented and reported to the city.

STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000
FOR: CITY OF LOGANVILLE, GEORGIA

Appendix C: Illicit Discharge Detection and Elimination

BMP ID Number: C.2 Outfall Mapping and Inventory

1. Description of BMP: Outfall Mapping and Inventory - The City of Loganville has developed a GIS database containing the location of MS4 outfalls within the city's stormwater system and the names and locations of all waters of the state that receive discharge from within and near the City limits.
2. Measurable Goal(s): To update the map and inventory once each year.
3. Documentation to be submitted with each annual report: The City will submit an updated inventory and map of stormwater outfalls as well as number of outfalls added and the total number of outfalls in 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): Ongoing
 - d. Month/Year of each action (if applicable): Various
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): It is important for the City to maintain this type of inventory/map to understand the system itself. This allows the City to see where existing structures, facilities, and outfalls are and where BMPs can best be implemented. In case of spill, having this in place will allow City personnel to respond to appropriate locations to prevent discharge to receiving waters.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The GIS mapping data base will be periodically checked and compared to structures in the field physically to see if the two items match with location, size and structure type of the items listed in the data base to correct any mistakes and omissions to compare the efficiency of mapping the structures.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix C: Illicit Discharge Detection and Elimination

BMP ID Number: C.3 IDDE Plan/Dry Weather Outfall Screening

1. Description of BMP: IDDE Plan - The City of Loganville will continue to implement the EPD approved IDDE Plan in its Stormwater Management Program to detect and address non-stormwater discharges to the MS4. The main component of the plan is dry weather screening inspections. The City will implement the IDDE investigate procedures when the results of the dry weather screening indicated a potential for an illicit discharge. The City will ensure elimination of all identified illicit discharges. A copy of the IDDE Procedures are included in this report.
2. Measurable Goal(s): 100% of total outfalls will be inspected within a 5-year period. Eliminate all identified illicit discharges identified during the reporting period.
3. Documentation to be submitted with each annual report: The City will submit the number of total outfall inspected, copies of inspection field data sheets and actions taken to eliminate all dry weather discharges in each annual report.
4. Schedule:
 - a. Interim Milestone Dates: N/A
 - b. Implementation Date: On-going
 - c. Frequency of Actions: Yearly as needed
 - d. Month/Year of each action: Ongoing
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): An outfall screening program will allow City personnel to observe potential illicit discharges that may or may not be reported and have gone unnoticed. On-going monitoring will help to detect those discharges in high potential areas. By combining this BMP with the comprehensive storm sewer system inventory, these inspections can be completed with minimal effort.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will periodically evaluate whether the methods used in IDDE is effective by comparing various jurisdictions that use similar IDDE plans. The City will use results and data from inspection observations and actions to access the effectiveness of the BMP.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix C: Illicit Discharge Detection and Elimination

BMP ID Number: C.4 Education

1. Description of BMP: Education - The City will continue providing educational material to the public, businesses and government employees about the hazards of illicit discharges. Each year the City will distribute information to utility customers through utility bills mailings.
2. Measurable Goal(s): The City will place information in utility bills yearly to educate 5,000 customers about the hazards of illicit discharges in addition to other stormwater pollution related topics.
3. Documentation to be submitted with each annual report: The City will provide a description of the method, a copy of the receipt of drop-off and sample educational materials distributed to the public and businesses in 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): Annual
 - d. Month/Year of each action (if applicable): Ongoing
4. Person (position responsible for overall management and implementation of the BMP): Jack Montelbano, Stormwater Foreman
5. Rationale for choosing BMP and setting measurable goal(s): This BMP allows for convenient access and a cost-effective method for reaching large groups of people regarding important stormwater issues.
6. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: This BMP is a required activity per the City's MS4 Permit. Although not a direct indicator of pollutant reduction, the distribution of educational material to the general public, businesses and the government is a good indicator of increasing understanding of the importance of eliminating illicit discharges.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix C: Illicit Discharge Detection and Elimination

BMP ID Number: C.5 Complaint Response Program

8. Description of BMP: Complaint Response Procedures - Responding to complaints is an important component of the City's MS4 Program. A phone number for issuing complaints is listed on the City's web site and in a Stormwater Brochure. Complaint response procedures were developed and included in this report.
2. Measurable Goal(s): Prioritize and investigate complaints within 5 working days of receipt.
3. Documentation to be submitted with each annual report: A copy of the work order documenting all complaints, including date received and actions taken during the reporting period will be provided in 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): Ongoing
 - d. Month/Year of each action (if applicable): Various
5. Person (position responsible for overall management and implementation of the BMP): Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): The City needs an effective way to document all requests and respond in a timely manner to prevent pollution, flooding and more costly repairs later on.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will measure the effectiveness of this BMP by the length of response from city staff to citizen complaints. The City will compare the response times annually and will also gauge at intervals public comments and opinions on response time and problem resolutions that city staff has recommended and completed.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix D: Construction Site Stormwater Runoff Control

40 CFR Part 122.34(b)(4) Requirement: You must develop, implement, and enforce a program to reduce pollutants in any stormwater runoff to your small MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. Reduction of stormwater discharges from construction activity disturbing less than one acre must be included in your program if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more. Your program must include:

- A) An ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance;
- B) Requirements for construction site operators to implement appropriate erosion and sediment control best management practices;
- C) Requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality;
- D) Procedures for site plan review which incorporate consideration of potential water quality impacts;
- E) Procedures for receipt and consideration of information submitted by the public; and
- F) Procedures for site inspection and enforcement of control measures.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT NO. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix D: Construction Site Stormwater Runoff Control

BMP ID Number: D.1 Ordinance Evaluation/Legal Authority

1. Description of BMP: Legal Authority - Adoption of an ordinance that effectively enables the City to implement the Soil Erosion, Sedimentation and Pollution Control Ordinance (E&S).
2. Measurable Goal(s): Evaluate the existing Soil Erosion, Sedimentation and Pollution Control Ordinance (E&S) on an annual basis and revise, if needed, to meet the City's needs and maintain compliance with EPD's Local Issuing Authority requirements.
3. Documentation to be submitted with each annual report: A revised Erosion and Sediment Control Ordinance if revised during the reporting period.
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): On-going
 - c. Frequency of actions (if applicable): Annual
 - d. Month/Year of each action (if applicable): Various
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): Evaluating and revise, as necessary, the current erosion and sediment control ordinance to ensure the most stringent and latest state methods are being used to prevent water quality concerns/problems.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The measurable results that are obtained successfully from the activities that show the BMP being implemented as planned. The City will evaluate the effectiveness of the ordinance and see in the duration of enforcing the ordinance on a day to day basis is it effective in meeting its purpose and, if not, what parts are needed for revisions or changes to cope with the various new issues that has come about since last adoption or revision.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix D: Construction Site Stormwater Runoff Control

BMP ID Number: D.2 Site Plan Reviews

1. Description of BMP: Site Plan Reviews - Review erosion control plans for all qualifying development projects. The City is currently a local issuing authority. The plans are reviewed by the Soil and Water Conservation District. A log will be kept of all plans approved or denied as submitted. A copy of plan review checklists are included in this report.
2. Measurable Goal(s): The City will forward 100% of the plans received to the Soil and Water Conservation District to be reviewed that qualify for review.
3. Documentation to be submitted with each annual report: The City will provide a list of the site plans received and the number of site plans reviewed, approved or denied during the reporting period.
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): Ongoing
 - c. Frequency of actions (if applicable): Varies
 - d. Month/Year of each action (if applicable) Annual
5. Person (position) responsible for overall management and implementation of the BMP: Tim Prater, Director of Planning & Development
6. Rationale for choosing BMP and setting measurable goal(s): Proper erosion control review will ensure proper techniques are being incorporated into developments.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will review and compare the incidents of erosion control violations at development sites and see if the results were caused by developer mishaps or plan flaws received by staff. The City will use the results continuously to fine tune its site plan review process constantly.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix D: Construction Site Stormwater Runoff Control

BMP ID Number: D.3 Construction Site Inspections

1. Description of BMP: Construction Site Inspections - The Planning & Development Department is responsible for the site inspections. An Erosion and Sediment Control Site Inspection Report is completed at each site visit. The approved Erosion and Sediment Control Plan, for the site is reviewed and compared to the actual field's conditions to ensure that the control measures have been properly implemented. Deficiencies and general comments are recorded on the aforementioned form. An Erosion & Sedimentation Final Inspection form is completed at or near final completion of the project. The subject site is reviewed to ensure that the area is adequately stabilized and all temporary BMPs (silt fence, construction exits, etc.) have been removed. If deficiencies are observed, the Certificate of Occupancy (CO) for the site is held until the appropriate corrective measures have been taken. The inspections are to be performed following the installation of initial BMP's during construction and after stabilization. A copy of the site inspection checklist is included in this report.

2. Measurable Goal(s): Complete 100% of all inspections according to the City's procedures and GSWCC requirements.

3. Documentation to be submitted with each annual report: The City will provide a list of active construction sites and all inspections and results that were conducted during the reporting period in each report.

4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A

 - b. Implementation Date (if applicable): Ongoing

 - c. Frequency of actions (if applicable): Various

 - d. Month/Year of each action (if applicable) Annual

5. Person (position) responsible for overall management and implementation of the BMP: Tim Prater, Director of Planning & Development

6. Rationale for choosing BMP and setting measurable goal(s): City personnel involved with erosion and sediment control will be certified to ensure that all individuals involved in construction activities will be aware of the policies and procedures to ensure proper water quality and soil erosion standards.

7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will compare the number of inspections performed on each site after the first visit and compare the compliance and non-compliance issues to see the effectiveness of this BMP. The City will also perform follow up inspections on inspectors and sites and compare compliance with erosion and sediment control regulations.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix D: Construction Site Stormwater Runoff Control

BMP ID Number: D.4 E&SC Enforcement Procedures

1. Description of BMP: E&SC Enforcement Procedures - Enforcement procedures for erosion and sediment control problems were prepared as required under the MS4 Permit and included in the Enforcement Response Plan (ERP). A copy of the ERP is included in this report.
2. Measurable Goal(s): Ensure enforcement actions are taken for 100% of the noted violations.
3. Documentation to be submitted with each annual report: Documentation of all enforcement actions taken during the reporting period will be provided in each annual report, including the number and type and status of each action.
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): Ongoing
 - c. Frequency of actions (if applicable): Various
 - d. Month/Year of each action (if applicable): Annual
5. Person (position) responsible for overall management and implementation of the BMP: Tim Prater, Director of Planning & Development
6. Rationale for choosing BMP and setting measurable goal(s): Enforcement procedures will be used and periodically evaluated to ensure they are strict enough to deter inadequate erosion and sediment control measures.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will review and compare the actions that occurred because of the enforcement procedures and evaluate what adjustments if needed to make the procedures effective in reducing pollution.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix D: Construction Site Stormwater Runoff Control

BMP ID Number: D.5 Complaint Response

1. Description of BMP: Complaint Response Procedures - Responding to complaints is an important component of the City's MS4 Program. A phone number for issuing complaints is listed on the City's web site and in a Stormwater Brochure. Complaint response procedures were developed and included in this report.
2. Measurable Goal(s): Investigate 100% of complaints within 5 working days of receipt.
3. Documentation to be submitted with each annual report: A copy of the work order documenting all complaints, including date received and actions taken during the reporting period will be provided in 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): On-going
 - d. Month/Year of each action (if applicable) Various
5. Person (position) responsible for overall management and implementation of the BMP: Tim Prater, Director of Planning & Development
6. Rationale for choosing BMP and setting measurable goal(s): An inventory of complaints and actions enables the city to track ineffective BMP's and actions that were taken to eliminate the problem. Long term evaluations will allow city personnel to develop trends and develops response to the issues.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will measure the effectiveness of this BMP by the length of response from city staff to citizen complaints. The City will compare the response times annually and will also gauge at intervals public comments and opinions on response time and problem resolutions that city staff has recommended and completed.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix D: Construction Site Stormwater Runoff Control

BMP ID Number: D.6 GSWCC Certification

1. Description of BMP: GSWCC Certification - The City of Loganville will ensure that any stormwater staff involved in construction activities subject to the construction general permits are trained and certified in accordance with the rules adopted by the Georgia Soil and Water Conservation Commission.
2. Measurable Goal(s): 100% of all development plan reviewers and site inspectors will maintain current certifications during the reporting period.
3. Documentation to be submitted with each annual report: The City will provide copies of the certification cards held by MS4 staff in each annual report.
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): On-going
 - c. Frequency of actions (if applicable): Various
 - d. Month/Year of each action (if applicable): Annual
5. Person (position) responsible for overall management and implementation of the BMP: Tim Prater, Director of Planning & Development and Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): The certification of personnel will allow the city to have trained personnel that are aware of the state regulations and standards.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will deem this BMP as effective if all development plan reviewers and site inspectors will maintain current certifications during the reporting period.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix E: Post-Construction Stormwater Management in
New Development and Redevelopment**

40 CFR Part 122.34(b)(5) Requirement: You must develop, implement, and enforce a program to address stormwater runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into your small MS4. You must:

- A) Develop and implement strategies which include a combination of structural and/or non-structural BMPs appropriate for your community;
- B) Use an ordinance or other regulatory mechanism to address post- construction runoff from new development or redevelopment projects; and
- C) Ensure adequate long-term operation and maintenance of BMPs.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT NO. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix E: Post-Construction Stormwater Management in
New Development and Redevelopment**

**BMP ID Number: E.1 Post-development Stormwater Management Ordinance
Evaluation**

1. Description of BMP: Post-development Stormwater Management Ordinance - The City has adopted a Stormwater Management Ordinance which addresses Post Construction Stormwater Management. It is important to review and revise as necessary existing ordinances to ensure aspects are covered that ensure Stormwater Management and water quality protection continues. A copy of the current ordinance is included in this report.
2. Measurable Goal(s): The City will evaluate the existing Post-development Stormwater Management Ordinance on an annual basis and revise, if needed, to meet the City's needs.
3. Documentation to be submitted with each annual report: The City will submit an updated Post-development Stormwater Management Ordinance if revised during the reporting period.
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): On-going
 - c. Frequency of actions (if applicable): Various
 - d. Month/Year of each action (if applicable) Annual
5. Person (position) responsible for overall management and implementation of the BMP: Tim Prater, Director of Planning & Development
6. Rationale for choosing BMP and setting measurable goal(s): It is important to review and reuse as necessary, existing ordinance to ensure aspects are covered that ensure that stormwater management protection continue.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The measurable results that are obtained successfully from the activities that show the BMP being implemented as planned.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix E: Post-Construction Stormwater Management in
New Development and Redevelopment**

BMP ID Number: E.2 Inventory Stormwater Management Control Facilities

1. Description of BMP: Inventory of Stormwater Management Control Facilities- The City of Loganville will maintain a current inventory of all publicly-owned stormwater management facilities and those privately-owned designed after December 9, 2008. The inventory will be updated as new structures are completed or existing structures are identified. A copy of the current inventory is included in this report.
2. Measurable Goal(s):The City will annually update the inventory of post-construction structures.
3. Documentation to be submitted with each annual report: The City will provide an updated inventory of publicly-owned stormwater management facilities and those privately-owned designed after December 9, 2008 in 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): On-going
 - d. Month/Year of each action (if applicable) Varies
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): The City needs to ensure all stormwater management facilities perform as designed to protect downstream properties and infrastructure. The City can only do this by maintaining a current inventory and map of all stormwater management control structures and inspecting them on a regular basis.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City needs to ensure stormwater management facilities perform as designed to protect downstream properties and infrastructure. Thus maintaining a current inventory and map of these structures can facility inspection and resulting maintenance, when needed. For the purposes of this SWMP, this BMP will be deemed effective if the City can maintain a current inventory and map of stormwater management control structures as defined in this BMP.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT NO. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix E: Post-Construction Stormwater Management
in New Development and Redevelopment**

BMP ID Number: E.3 MS4 Inspections

1. Description of BMP: MS4 Inspections - The City will conduct inspections of inventoried public and private post-construction stormwater management structures. The inspections will utilize applicable forms from the GA Stormwater Management Manual.
2. Measurable Goal(s): The City will inspect 100% of inventoried post construction structures, public and private, within the five-year permit term.
3. Documentation: The City will submit the number of inspected structures and copies of inspection reports in the 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): Various
 - d. Month/Year of each action (if applicable) Varies
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): This BMP will allow the city to assess the condition of the asset and find any potential issue that otherwise would not be found.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will compare the number of inspections annually to prior years and see if any issues call for the need for adjustments to be made in order to continue this BMP to be effective in reducing pollution.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix E: Post-Construction Stormwater Management in
New Development and Redevelopment**

BMP ID Number: E.4 MS4 Maintenance Program

1. Description of BMP: MS4 Maintenance Program – The City of Loganville will maintain all of the publicly-owned post-construction stormwater management control structures identified in the Post-Construction Stormwater Management Structure Inventory (see BMP #E2). The City’s Stormwater Department will be the agency in charge of performing the maintenance. Generally, maintenance will consist of vegetation maintenance (i.e. mowing, removal of invasive species, etc.) as appropriate as well as litter and trash removal. If structural deficiencies are identified in a structure, then a work order will be generated and maintenance scheduled. If the scope of the work is such that the work cannot be completed in a short period of time, then the project will be added to the City’s capital improvements projects list.

All other post-construction stormwater structures will be maintained by the owner/operators of the site, whether publicly-owned by another entity or privately-owned). A maintenance agreement will be referred to for the means by which a facility will be maintained. The City will retain copies of the maintenance agreements for all new structures completed after the effective date of the permit (i.e., December 6, 2012). A summary list of all the maintenance agreements will be included in each annual report. If a deficiency is noted during an inspection, then the City will notify the owner/operator of the results of the inspection and suggested actions to take.

2. Measurable Goal(s):
 - Maintain 100% of the City’s publicly-owned post construction stormwater management structures within the five year period.
 - Ensure that the 100% of the post construction stormwater management structures owned by another public entity are properly maintained.
 - Ensure that the 100% of the privately-owned post construction stormwater management structures are properly maintained.
3. Documentation:
 - The City will prepare a summary table outlining maintenance activities undertaken over the course of each year and include it in the annual report due for that year. The maintenance activities will be documented through completed work orders.
 - The City will include a copy of all maintenance agreements recorded for all privately-maintained ponds in each annual report.
 - The City will include a copy of all maintenance agreements recorded for all ponds owned by another public entity in each annual report.
 - For privately-owned ponds where there is an executed maintenance agreement, the City will provide a copy of any inspection reports provided to the owner/operator for any required maintenance activities. The City will also provide documentation (through a completed work order) of a follow up inspection to determine compliance.

- For ponds owned by another public entity where there is an executed maintenance agreement, the City will provide a copy of any inspection reports provided to the owner/operator for any required maintenance activities. The City will also provide documentation (through a completed work order) of a follow up inspection to determine compliance.

4. Schedule:

- a. Interim Milestone Dates (if applicable): N/A
- b. Implementation Date (if applicable): N/A
- c. Frequency of actions (if applicable): On-going
- d. Month/Year of each action (if applicable) Various

5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman

6. Rationale for choosing BMP and setting measurable goal(s): This BMP will allow the city to properly treat water quality and quantity with proper maintenance on BMP structures.

7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: This BMP will be deemed effective of measurable goals are met each year.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix E: Post-Construction Stormwater Management
in New Development and Redevelopment**

BMP ID Number: E.5 GI/LID Structure Inventory

1. Description of BMP: GI/LID Inventory - The City of Loganville will maintain an inventory of GI/LID structures located within the City and constructed after December 6, 2012. This date is chosen because it coincides with the current inventory of other stormwater structures. The inventory will include City-owned structures, publicly-owned structures owned by other entities, and privately-owned non-residential structures. Example GI/LID Structures include bioswales, pervious pavement, rain gardens, cisterns, and green roofs. The inventory will include the location, type and ownership of each GI/LID structure. New structures will be identified through the plan review process and a current inventory of GI/LID Structures is included in this report.
2. Measurable Goal(s): The City will update the inventory of GI/LID structures annually.
3. Documentation: The City will provide an updated inventory of GI/LID structures in 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): Various
 - d. Month/Year of each action (if applicable): Annual
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): The BMP will allow the city to keep track of GI/LID structures and evaluate their effectiveness in ensuring water quality.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The measurable results that are obtained successfully from the activities that show the BMP being implemented as planned.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix E: Post-Construction Stormwater Management in
New Development and Redevelopment**

BMP ID Number: E.6 GI/LID Program

1. Description of BMP: GI/LID Program – The City of Loganville recognizes the value of green infrastructure/low impact development (GI/LID) in stormwater management. The City will develop a program describing GI/LID practices (better site planning techniques, better site design techniques, etc.) for implementation. The program will include: (1) procedures for evaluating the feasibility and site applicability of different GI/LID techniques and practices to be considered; (2) the GI/LID structures allowed to be constructed within the City; and (3) procedures for the inspection and maintenance of GI/LID structures, including City-owned structures, publicly-owned structures owned by other entities and privately-owned non-residential structures).
2. Measurable Goal(s): To develop a GI/LID Program and submit to EPD by February 15, 2020.
3. Documentation to be submitted with each annual report: A copy of the GI/LID Program will be submitted to EPD if revised 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): Various
 - d. Month/Year of each action (if applicable) Annual
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): The BMP will allow the city to facilitate use of GI/LID structures to manage stormwater runoff.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The measurable results that are obtained successfully from the activities that show the BMP being implemented as planned.

**STORMWATER MANAGEMENT PROGRAM
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix E: Post-Construction Stormwater Management in
New Development and Redevelopment**

BMP ID Number: E.7 GI/LID Inspection and Maintenance Program

1. Description of BMP: GI/LID Inspection and Maintenance Program – The City of Loganville recognizes the value of green infrastructure/low impact development (GI/LID) in stormwater management. The City will inspect 100% of the publicly-owned structures, publicly-owned structures owned by other entities and privately-owned non-residential structures included in the GI/LID inventory, prepared under E.5, within a five year period. The schedule will be done in accordance with the schedule submitted in the GI/LID Program.

The City will generate a list of City-owned GI/LID structures in need of maintenance through this inspection program. Generally, maintenance will consist of vegetation maintenance (i.e. mowing, removal of invasive species, etc.) as appropriate as well as litter and trash removal. If structural deficiencies are identified in a GI/LID structure, then a work order will be generated and maintenance scheduled. If the scope of the work is such that the work cannot be completed in a short period of time, then the project will be added to the City’s capital improvements projects list.

GI/LID structures publicly owned by another entity (e.g. Walton County Board of Education) will be maintained by that entity. A maintenance agreement will be referred to for the means by which a facility will be maintained. The City will retain copies of the maintenance agreements for all new structures completed after the effective date of the GI/LID Program. A summary list of all the maintenance agreements will be included in each annual report. If a deficiency is noted during an inspection, then the City will notify the entity of the results of the inspection and suggested actions to take.

All other private GI/LID structures (i.e. non-residential) will be maintained by the owner/operators of the site. A maintenance agreement will be referred to for the means by which a facility will be maintained. The City will retain copies of the maintenance agreements for all new structures completed after the effective date of the GI/LID Program. A summary list of all the maintenance agreements will be included in each annual report. If a deficiency is noted during an inspection, then the City will notify the owner/operator of the results of the inspection and suggested actions to take.

2. Measurable Goal(s):
 - Beginning in 2020, the City will inspect 100% of the structures on the GI/LID inventory within a 5 year period.
 - Maintain 100% of the City’s publicly-owned GI/LID stormwater management structures within the five year period.

- Ensure that 100% of the private owners or public entities (e.g., BOE, etc.) are notified of needed maintenance within 30 days of the inspection.
 - The City will prepare a summary table outlining maintenance activities undertaken over the course of each permit year and include it in the annual report due for that year.
3. Documentation to be submitted with each annual report:
- The City will provide documentation of inspections conducted during the year in each annual report for GI/LID structures. Completed inspection forms will be provided for each GI/LID structure inspected.
 - Where maintenance occurred for City-owned GI/LID structures, the City will provide completed work orders to document the activity, including the number of structures and the percentage of total structures maintained.
 - If the GI/LID structure is privately owned, or publicly owned by another entity, then the City will provide copies of the letter issued the owner/operator of the structure documenting the need for maintenance.
4. Schedule:
- | | |
|--|--------------------------|
| a. Interim Milestone Dates (if applicable): | <u>N/A</u> |
| b. Implementation Date (if applicable): | <u>February 15, 2020</u> |
| c. Frequency of actions (if applicable): | <u>ongoing</u> |
| d. Month/Year of each action (if applicable) | <u>Various</u> |
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): The BMP will allow the city to facilitate use of GI/LID structures to manage stormwater runoff.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The measurable results that are obtained successfully from the activities that show the BMP being implemented as planned.

**GEORGIA STORMWATER MANAGEMENT PROGRAM (SWMP)
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix F: Pollution Prevention/Good
Housekeeping For Municipal Operations**

Pollution Prevention. Good Housekeeping for Municipal Operations 40 CFR Part 122.34(b)(6) Requirement: You must develop and implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations.

**GEORGIA STORMWATER MANAGEMENT PROGRAM (SWMP)
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix F: Pollution Prevention/Good Housekeeping
For Municipal Operations**

BMP ID Number: F.1 MS4 Inventory and Map

1. Description of BMP: MS4 Inventory and Map - The City is required to maintain a current map and inventory of municipal storm sewer system infrastructure (MS4). At a minimum, the inventory and map must include catch basins; pipes; ditches and stormwater management control structures. The inventory and map are currently complete with annual updates annual to reflect new infrastructure constructed and/or identified during the reporting period. This BMP will focus on updating the inventory and map on an annual basis to enable the City to effectively implement all inspection and maintenance activities. A copy of the current map and inventory of MS4 structures is included in this report.
2. Measurable Goal(s): The City will update the MS4 Map and Inventory on an annual basis.
3. Documentation to be submitted with each annual report: The City will submit an updated inventory and map of municipal storm sewer system infrastructure as well as the number and type of new structures added during the reporting period in 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): Ongoing
 - d. Month/Year of each action (if applicable): Annual
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): This BMP will allow the city to detail the location and ownership of its MS4 inventory system.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will compare the GIS database with field results to correct any defensives in the inventory structure.

**GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix F: Pollution Prevention/Good
Housekeeping For Municipal Operations**

BMP ID Number: F.2 MS4 Inspection Program

1. Description of BMP: MS4 Inspection Program - The City will conduct inspections of all MS4 stormwater management structures within the 5 year period. The structures that will be inspected: catch basins, ditches, pipes and City-owned detention ponds and all those structures listed on the MS4 inventory required by BMP F1. The City will document inspections through the City's Work Order System. The City will provide the number of structures inspected during the reporting period in each annual report.
2. Measurable Goal(s): The City will inspect a 100% of all inventoried assets within a five year period.
3. Documentation: The City will provide a list of all structures inspected during the reporting period in each annual report. The City will include copies of completed inspection reports to document the inspection activity.
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): N/A
 - c. Frequency of actions (if applicable): Various
 - d. Month/Year of each action (if applicable): Annual
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): This BMP will allow the city to establish the condition and detail of is MS4 assets and structures.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will use the results from inspections to correct any problem areas. The City will also do a quality check on previous inspected structures to compare the previous inspection and outcome.

**GEORGIA STORMWATER MANAGEMENT PROGRAM (SWMP)
GENERAL NP DES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix F: Pollution Prevention/Good Housekeeping
For Municipal Operations**

BMP ID Number: F.3 MS4 Maintenance Program

1. Description of BMP: Municipal Storm Sewer System (MS4) Maintenance Program - This BMP will focus on performing necessary maintenance and repairs of the MS4. These include but are not limited to work orders generated from annual inspections and responses to complaints received from the general public, management and local officials.
2. Measurable Goal(s): The City will perform and document maintenance and repairs, as needed, on MS4 structures during the reporting period.
3. Documentation to be submitted with each annual report: The City will provide the number of each type of structure maintained during the reporting period. Maintenance activities will be documented by submitting completed work orders.
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): Ongoing
 - c. Frequency of actions (if applicable): Various
 - d. Month/Year of each action (if applicable): Various
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): An operation and maintenance program for stormwater conveyance and management facilities will ensure proper functioning and long term service life.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will measure the effectiveness of the work done and structures maintained upon the various results that are obtained by water quality and the comments received from the public-at large and private property owners concerning the effectiveness of the completed work.

**GEORGIA STORMWATER MANAGEMENT PROGRAM (SWMP)
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix F: Pollution Prevention/Good Housekeeping
For Municipal Operations**

BMP ID Number: F.4 Street and Parking Lot Maintenance

1. Description of BMP: Street Sweeping - Implementing a regular street sweeping program reduces the chance of stormwater inlets to become clogged from trash and debris and increases aesthetics. The City will contract with a street sweeping company to perform street sweeping on an annual basis. All materials collected will be disposed of properly.
2. Measurable Goal(s): A minimum of five miles will be swept each year.
3. Documentation to be submitted with each annual report: The City will provide the number of miles and roads swept each year by providing copies of work orders and receipts from private vendors, if possible
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): N/A
 - c. Frequency of actions (if applicable): Ongoing
 - d. Month/Year of each action (if applicable): Various
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): A proper street sweeping program reduces pollutants draining to the stormwater collection system which reduces clogging. which will allow them to function properly and flow to be unobstructed.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The measurable results that are obtained successfully from the activities that show the BMP being implemented as planned. The effectiveness of this BMP will be comported by the amount of trash removed and the various amounts of trash that is found in the catch basins around the streets that have been swept.

**GEORGIA STORMWATER MANAGEMENT PROGRAM (SWMP)
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix F: Pollution Prevention/Good Housekeeping
For Municipal Operations**

BMP ID Number: F.5 Employee Training

1. Description of BMP: Employee Training - Plan and conduct an annual training program for City workers in the water, stormwater, sewer and public works department. The training program will utilize power-point presentations, videos and/or written material to demonstrate good house keeping practices for maintenance yards, storage areas, vehicle wash facilities: wastewater facility, vehicle maintenance, etc. Results from previous municipal inspections will be used to demonstrate actual pollution prevention opportunities at Loganville's municipal facilities and operations.
2. Measurable Goal(s): One stormwater training event will be held each year.
3. Documentation to be submitted with each annual report: A sign in sheet and copies of presentation materials from the annual training event will be included in the 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): Ongoing
 - d. Month/Year of each action (if applicable) Various
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): This BMP will ensure that all department employees involved with municipal operations have been introduced to and are familiar with pollution prevention and good housekeeping techniques that allows them to use them in their daily work activities.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will conduct periodic quiz sessions concerning employee training and supervisors will spot check and see how employees are using the training they have received from the program.

**GEORGIA STORMWATER MANAGEMENT PROGRAM (SWMP)
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix F: Pollution Prevention/Good Housekeeping
For Municipal Operations**

BMP ID Number: F.6 Waste Disposal

1. Description of BMP: Waste Disposal - The City will properly dispose of all waste generated during municipal operation including all debris, litter and sediment removed during the MS4 Maintenance Program. All waste collected from MS4 maintenance activities will be disposed of in an EPD-certified landfill. Whenever possible, items will be recycled. The waste will be disposed of in an EPD certified landfill.
2. Measurable Goal(s): Properly dispose of 100% of waste generated by municipal MS4 operations.
3. Documentation to be submitted with each annual report: The City will submit the total tonnage of waste disposed in the annual report. Landfill tickets will be submitted with the annual report as documentation.
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): N/A
 - c. Frequency of actions (if applicable): On going
 - d. Month/Year of each action (if applicable): Various
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
5. Rationale for choosing BMP and setting measurable goal(s): This BMP allows the city to properly dispose of BMP waste materials that will enable the city to limit incidents of illicit discharges.
6. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The City will compare the amount of waste disposed of annually and see if this is an effective BMP in reducing pollution.

**GEORGIA STORMWATER MANAGEMENT PROGRAM (SWMP)
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix F: Pollution Prevention/Good Housekeeping
For Municipal Operations**

BMP ID Number: F.7 New Flood Management Projects

1. Description of BMP: New Flood Management Projects - New flood management projects will be examined for water quality impacts during the design phase. The City's Planning Office will evaluate plans using the GA Stormwater Management Design Manual to ensure water quantity and quality is managed properly in all new flood management projects.
2. Measurable Goal(s): All new flood management projects will be reviewed for water quality impacts.
3. Documentation to be submitted with each annual report: The City will provide the numbers of plans reviewed where flood management projects were assessed for water quality impacts during the reporting period in 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): On going
 - d. Month/Year of each action (if applicable): Various
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): It is important that new flood management projects are designed according to standard that provide the required water quality treatment.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The measurable results that are obtained successfully from the activities that show the BMP being implemented as planned.

**GEORGIA STORMWATER MANAGEMENT PROGRAM (SWMP)
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

**Appendix F: Pollution Prevention/Good Housekeeping
For Municipal Operations**

BMP ID Number: F.8 Existing Flood Management Projects

1. Description of BMP: Existing Flood Management Control Projects – The City is committing to watershed protection and stormwater compliance. As such, existing flood management projects owned by the City will be evaluated for potential retrofitting to address water quality impacts and conduct any retrofitting activities. The City will assess at least one structure annually; or, if the City has less than 5 structures, 100% of the structures will be evaluated during the five year reporting period.
2. Measurable Goals: The City will evaluate 100% of flood management projects within the five year period.
3. Documentation to be submitted with each annual report: The City will provide the results of any assessments and retrofitting activities of City-owned existing flood management projects that were completed each year in 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): Ongoing
 - d. Month/Year of each action (if applicable): Various
5. Person (position) responsible for overall management and implementation of the BMP: Jack Montelbano, Stormwater Foreman
6. Rationale for choosing BMP and setting measurable goal(s): This BMP allows the city to retrofit existing flood management projects that do not meet water quality standards.
7. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit: The measurable results that are obtained successfully from the activities that show the BMP being implemented as required.

**STORMWATER MANAGEMENT PLAN
GENERAL NPDES PERMIT No. GAG610000 FOR:
CITY OF LOGANVILLE, GEORGIA**

Appendix G: Enforcement Response Plan

1. The MS4 must develop and implement an Enforcement Response Plan (ERP) that describes the action to be taken for violations of the Stormwater Management Program. The ERP must be completed and submitted with the second annual report following permit issuance, February 15, 2015.

Final completion date: 9/5/2015

Date of submittal to EPD: 9/22/2015

2. In accordance with Part 4.3 of the NPDES Permit, the ERP must include escalating enforcement responses for repeat and continuing violations. At a minimum, the ERP must address the following categories (refer to Part 4.3 of the NPDES Permit for more detail):
 - Names of ordinances and citations;
 - Types of enforcement mechanisms;
 - Description of the use of these enforcement mechanisms;
 - Time frames; and
 - Description of the tracking and reporting mechanism.

A copy of the Enforcement Response Plan is included in this report.

**STORMWATER MANAGEMENT PLAN
GENERAL NPDES PERMIT No. GAG610000 FOR:
LOGANVILLE, GA**

Appendix H: Impaired Waters Protection Plan

1. Population at the time of designation: The City of Loganville's population was 11,674 in 2016

If the population is less than 10,000, then see items #2 and #3 below.

If the population exceeds 10,000, then see items #4 and #5 below.

2. If the population is less than 10,000, then the MS4 must develop an Impaired Waters Plan (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. The Impaired Waters Plan must be submitted with the annual report due February 15, 2015.

Final completion date/date of submittal to EPD: N/A

4. If the population exceeds 10,000, then the MS4 must develop an Impaired Waters Plan/Monitoring and Implementation Plan (see Part 4.4.2 of the NPDES Permit) including:
- A list of impaired waters and the pollutant(s) of concern.
 - A Monitoring and Implementation Plan, that includes:
 - a. Sample location;
 - b. Sample type, frequency, and seasonal considerations;
 - c. Monitoring implementation schedule;
 - d. 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 or a schedule for confirming those outfalls; and
 - e. Description of proposed BMPs.
 - Description of the method used to annually assess data trends for each pollutant of concern.

5. The Impaired Waters Plan/Monitoring and Implementation Plan must be submitted with the annual report due February 15, 2015.

Final completion date/date of submittal to EPD: November 9, 2015

A copy of the Impaired Waters Monitoring and Implementation Plan is included in this report.