



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

NPDES Permit No. GAG610000

Submitted to the:



Watershed Protection Branch
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Prepared and submitted by:

CITY OF LOGANVILLE, GEORGIA



DECEMBER 2013

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: Autron Hayes
Title: Public Utilities Manager
Mailing Address: PO Box 39
City: Loganville State: GA Zip Code: 30052
Telephone Number: 770-466-1306
EmailAddress: autronhayes@loganvilleutilities.com

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: _____ Date: _____

Signature: _____ Title: _____

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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.

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Appendix A: Public Education and Outreach on Stormwater Impacts

BMP ID Number: A.1 Educational Brochures

1. Description of BMP: The City will initiate 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 obtained from the Metropolitan North GA Water Planning District and placed at City Hall and the Planning Department buildings. City personnel will track the number of educational materials distributed every year.
2. Measurable Goal(s): The City will place brochures at City Hall and the Planning and Development Department in order to expose the public and the target audiences to the material and their content. The City will prepare and replace the brochures at least once per quarter. The City will record the number and type of brochures taken and submit this information in the annual report.
3. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): N/A
 - c. Frequency of actions (if applicable): Flyers will be restocked as needed.
 - d. Month/Year of each action (if applicable) Ongoing through 2017
4. Person (position) responsible for overall management and implementation of the BMP: Cathy Farmer, Administrative Assistant
5. Rationale for choosing BMP setting measurable goal(s): The proximity of the public facilities to the general public and heavy use of City Hall by the public will ensure that the brochures will be heavily distributed and viewed.
6. 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 count the numbers of brochures distributed annually to assess its effectiveness in educating the public.

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Appendix A: Public Education and Outreach on Stormwater Impacts

BMP ID Number: A.2 Web Site

1. Description of BMP: 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 storm-water 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. The City will provide the total count of visitors to the website in its annual report that is submitted yearly.
3. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): N/A
 - c. Frequency of actions (if applicable): Quarterly
 - d. Month/Year of each action (if applicable) January, April, July, October of each year
4. Person (position) responsible for overall management and implementation of the BMP: Cathy Farmer, Administrative Assistant
5. 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.
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 count the number of visitors annually and compare to prior years and assess its effectiveness in educating the public.

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Appendix A: Public Education and Outreach on Stormwater Impacts

BMP ID Number: A.3 Utility Bill Mailings

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 approximately utility customers through utility bills 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 and educational materials distributed to the public, businesses and government employees 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
4. Person (position responsible for overall management and implementation of the BMP): Cathy Farmer, Administrative Assistant
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.

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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.

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Appendix B: Public Involvement /Participation

BMP ID Number: B.1 Citizen Complaint Contact Number

1. Description of BMP: The City of Loganville has created a Citizen Complaint Contact Number so citizens can report water quality and erosion and sedimentation violations. The calls are answered by a City staff member who forwards the complaints to the appropriate division. If necessary, the complaint will be forwarded to the appropriate authority (if it is outside the City's service area). The staff member who takes the original citizen complaint call are responsible for entering the date, time, location, and nature of the complaint as well as the contact information for the citizen into the electronic work order system. The citizen complaint contact number is publicized on the stormwater management webpage.
2. Measurable Goal(s): (a) Continuous update of database; (b) City staff addresses 100% of calls received; (c) City staff investigates 100% of reasonable calls with five working days; (d) City staff takes appropriate action for 100% of complaints that require it. The City staff will submit in each annual report the number of complaints contacts and work orders that are initiated by the residents contacting the citizen contact number its annual report.
3. 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
4. Person (position) responsible for overall management and implementation of the BMP: Cathy Farmer, Administrative Assistant

5. 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.
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 effectiveness will be determined by the successful attainment of this BMP's measurable goals.

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Appendix B: Public Involvement /Participation

BMP ID Number: B.2 Dump Days Event

1. Description of BMP: The Public Works Department on behalf of the City will coordinate a annual citywide cleanup twice a weekend in May. 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 dumpsites 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): Advertisements will be placed on the City website and local newspapers. The activity will be held annually. The City will submit in its annual report the event flyer and a copy of the advertisement in the local press.
3. 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) May of each reporting year
4. Person (position) responsible for overall management and implementation of the BMP: Jean Lee, Administrative Assistant: Public Works
5. 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.

6. 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 and compare the number of visitors annually to assess its effectiveness in involving the public.

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Appendix C: Illicit Discharge Detection and Elimination

BMP ID Number: C.1 Illicit Discharge Ordinance Evaluation

1. Description of BMP: 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.
2. Measurable Goal(s): Evaluate and modify the existing ordinance. If the ordinance is revised during the reporting period, submit a copy and the adopted ordinance with the annual report. If it is not revised, the City will submit a memo stating such.
3. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): March 13, 2003
 - c. Frequency of actions (if applicable): Annual
 - d. Month/Year of each action (if applicable) December of each year
4. Person (position) responsible for overall management and implementation of the BMP: Autron Hayes, Public Utilities Manager
5. 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.
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 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.

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Appendix C: Illicit Discharge Detection and Elimination

BMP ID Number: C.2 Outfall Mapping and Inventory

1. Description of BMP: The City of Loganville has developed a GIS database containing the location of 220 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. A map book containing inventoried outfalls and a listing of outfalls is included in this SWMP.
2. Measurable Goal(s): The City will submit an updated inventory and map of stormwater outfalls in each annual report.
3. Schedule:
 - a. Interim Milestone Dates (if applicable): Not applicable
 - b. Implementation Date (if applicable): On-going
 - c. Frequency of actions (if applicable): Updates once per year as needed
 - d. Month/Year of each action (if applicable): By December of each year, as needed
4. Person (position) responsible for overall management and implementation of the BMP: Autron Hayes, Public Utilities Manager
5. 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.

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 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.

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Appendix C: Illicit Discharge Detection and Elimination

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

1. Description of BMP: 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. IDDE Procedures are currently being updated with completion date scheduled for December 31, 2013. The City will submit the new procedures in the next annual report to be submitted in February 15, 2014.

2. Measurable Goal(s): 20% of the total outfalls will be inspected annually so that 100% total outfalls inspected within a 5 year period. Document all illicit discharged detection activity that occurs during the reporting year. Provide any information on any eliminated discharges or on any enforcement action taken to eliminate illicit discharged during the reporting period. The City will submit the number of total outfall inspected and copy of inspection field data sheets and actions taken, as applicable in each annual report.

3. Schedule:
 - a. Interim Milestone Dates: Submit updated IDDE Procedures to EPD by February 15, 2014.

 - b. Implementation Date: On-going

 - c. Frequency of Actions: Yearly as needed

 - d. Month/Year of each action: Ongoing

4. Person (position) responsible for overall management and implementation of the BMP: Autron Hayes, Public Utilities Manager

5. 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.

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 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 assess the effectiveness of the BMP.

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Appendix C: Illicit Discharge Detection and Elimination

BMP ID Number: C.4 Utility Bill Mailings

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 5000 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 and educational materials distributed to the public, businesses and government employees 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): Cathy Farmer, Administrative Assistant
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.

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Appendix C: Illicit Discharge Detection and Elimination

BMP ID Number: C.5 Complaint Response Program

1. Description of BMP: The City of Loganville has created a citizen complaint contact number so citizen can report water quality and erosion and sedimentation violations. The calls are answered by a City staff member who forwards the complaint to the appropriate division. If necessary, the complaint will be forwarded to the appropriate authority (if it is outside the city's service area). The staff member who takes the original citizen complaint call are responsible for entering the date, time, location and nature of the complaint as well as the contact information for the citizen into the electronic work order system. The citizen complaint contact number is publicized on the stormwater management web page. The complaint when received by the appropriate staff from the call taker is assigned to a supervisor. The supervisor goes out and verifies the complaint by contacting the resident. The supervisor documents the issue and gathers any necessary information: (pictures, plats and maps). The supervisor then reviews the issue to see any area of conflicts and potential liabilities. When the issue is cleared usually within 24 hours after the site visit the property owner is contacted with a proposed resolution of the issue and a time frame for the issue to be resolved. A work order is issued to a work crew or Inspector to remedy the problem.

2. Measurable Goal(s): Document all complaints received and action taken on each complaint during annual report period. The City will include documentation such as complaints, work orders, and service requests that occurs during the period of the annual report

3. 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

4. Person (position responsible for overall management and implementation of the BMP): Cathy Farmer, Administrative Assistant

5. 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.
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 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.

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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.

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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. The City will submit a copy of the updated Ordinance or a memo stating that the ordinance was not updated. If the litter ordinance is required to be updated to address gaps in this E&S Ordinance, this ordinance will be revised and adopted by December 31, 2014.
3. Schedule:
 - a. Interim Milestone Dates (if applicable): Evaluate existing ordinance and revise, if needed, to meet state requirements. Submit updated ordinance (or memo) to EPD in February 15, 2015.
 - b. Implementation Date (if applicable): January 1, 2015
 - c. Frequency of actions (if applicable): Annual
 - d. Month/Year of each action (if applicable) December 31, 2014, January 1, 2015 and February 15, 2015
4. Person (position) responsible for overall management and implementation of the BMP: Autron Hayes, Public Utilities Manager
5. 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.

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 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.

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Appendix D: Construction Site Stormwater Runoff Control

BMP ID Number: D.2 Site Plan Reviews

1. Description of BMP: Review erosion control plans for all development that disturbs over 1.0 acre of land or within 200 feet of state waters. 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.
2. Measurable Goal(s): The City will record the number of plans submitted to the Soil & Water Conservation District that are reviewed and the number of plans approved, and the results will be submitted to EPD as part of its annual report submission.
3. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): Ongoing now
 - c. Frequency of actions (if applicable): Varies
 - d. Month/Year of each action (if applicable) N/A
4. Person (position) responsible for overall management and implementation of the BMP: Autron Hayes, Public Utilities Manager
5. Rationale for choosing BMP and setting measurable goal(s): Proper erosion control review will ensure proper techniques are being incorporated into developments.
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 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.

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Appendix D: Construction Site Stormwater Runoff Control

BMP ID Number: D.3 Construction Site Inspections

1. Description of BMP: The Planning & Development Department is responsible for the site inspections. An Erosion and Sediment Control Site Inspection Report is completed. An Erosion and Sediment Control Site Inspection Report is completed at each site visit. The approved E & S 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.

2. Measurable Goal(s): The City will provide a list of active construction sites and any inspections conducted during the reporting period in each report.

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

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

5. 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.

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 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.

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Appendix D: Construction Site Stormwater Runoff Control

BMP ID Number: D.4 Enforcement Procedures

1. Description of BMP: Enforcement procedures that will be followed following Stormwater violations are in the Stormwater ordinance.
2. Measurable Goal(s): Provide an attachment of the procedures used in enforcement of construction site violations and provide documentation of any enforcement actions taken during the reporting period in each annual report, including the number and type and status of each action. The ordinance does not describe the procedures in detail. A document has been attached that describes the procedures to be utilized.
3. Schedule:
 - a. Interim Milestone Dates (if applicable): ERP Submission to EPD 2/15/2015
 - b. Implementation Date (if applicable): Ongoing
 - c. Frequency of actions (if applicable): As needed
 - d. Month/Year of each action (if applicable) N/A
4. Person (position) responsible for overall management and implementation of the BMP: Tim Prater, Director of Planning & Development, Brett Perri, Code Enforcement, Autron Hayes, Public Utilities Manager
5. 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.
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 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.

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Appendix D: Construction Site Stormwater Runoff Control

BMP ID Number: D.5 Complaint Response

1. Description of BMP: The City of Loganville has created a citizen complaint contact number so citizen can report water quality and erosion and sedimentation violations. The calls are answered by a City staff member who forwards the complaint to the appropriate division. If necessary, the complaint will be forwarded to the appropriate authority (if it is outside the city's service area). The staff member who takes the original citizen complaint call are responsible for entering the date, time, location and nature of the complaint as well as the contact information for the citizen into the electronic work order system. The citizen complaint contact number is publicized on the stormwater management web page. The complaint when received by the appropriate staff from the call taker is assigned to a supervisor. The supervisor goes out and verifies the complaint by contacting the resident. The supervisor documents the issue and gathers any necessary information: (pictures, plats and maps). The supervisor then reviews the issue to see any area of conflicts and potential liabilities. When the issue is cleared usually within 24 hours after the site visit the property owner is contacted with a proposed resolution of the issue and a time frame for the issue to be resolved. A work order is issued to a work crew or Inspector to remedy the problem.

2. Measurable Goal(s): Document all complaints received and action taken on each complaint during annual report period. The City will include documentation such as complaints, work orders, and service requests that occurs during the period of the annual report

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

4. Person (position) responsible for overall management and implementation of the BMP: Cathy Farmer, Administrative Assistant

5. 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.

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 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.

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BMP ID Number: D.6 Certification

1. Description of BMP: 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): The city will provide the number and type of current certifications held by MS4 staff in each annual report.
3. 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) N/A
4. Person (position) responsible for overall management and implementation of the BMP: Autron Hayes, Public Utilities Manager
5. 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.
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 periodically check the knowledge of the certified employees by having division supervisors to field test each certified employees on various knowledge and regulations of stormwater and soil & erosion ordinance and codes.

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**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.

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BMP ID Number: E.1 Ordinance Evaluation

1. Description of BMP: 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.
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. The City will submit an updated Post-development Stormwater Management Ordinance if revised during the reporting period or a memo stating that the ordinance was not modified during the reporting period.
3. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): March 13, 2003
 - c. Frequency of actions (if applicable): Annual
 - d. Month/Year of each action (if applicable) By December of each year
4. Person (position) responsible for overall management and implementation of the BMP: Autron Hayes, Public Utilities Manager
5. 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.
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 measurable results that are obtained successfully from the activities that show the BMP being implemented as planned.

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**Appendix E: Post-Construction Stormwater Management in
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BMP ID Number: E.2 Inventory Stormwater Management Control Structures

1. Description of BMP: The City of Loganville will keep an inventory of all publically-owned ponds and those privately-owned designed after December 9, 2008. The inventory/GIS database will include information on the number and type of outlet structures located within the pond.
2. Measurable Goal(s): The City will update the inventory on the GIS inventory as ponds are completed or identified in each annual report.
3. Schedule:
 - a. Interim Milestone Dates (if applicable): February 15, 2014
Inventory and Map
Submittal to EPD
 - b. Implementation Date (if applicable): N/A
 - c. Frequency of actions (if applicable): On-going
 - d. Month/Year of each action (if applicable) N/A
4. Person (position) responsible for overall management and implementation of the BMP: Autron Hayes, Public Utilities Manager, Steve Parker, Stormwater Foreman, Wendell Hand, GIS Contractor

5. 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.

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 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.

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**Appendix E: Post-Construction Stormwater Management in
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BMP ID Number: E.3 Inspections

1. Description of BMP: The City will conduct inspections of inventoried public and private post-construction stormwater management structures. The inspections will cover the condition of the asset.
2. Measurable Goal(s): The City will inspect 100% of inventoried post construction structures public and private within a five year period. The City will inspect a minimum of 20% of inventoried private and public stormwater control structures each year. The City will submit the number of inspected structures and copies of inspection reports in the annual report.
3. 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) N/A
4. Person (position) responsible for overall management and implementation of the BMP: Steve Parker, Stormwater Leader
5. 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.
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 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.

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BMP ID Number: E.4 Maintenance Program

1. Description of BMP: The goal of this BMP is to implement a long term maintenance program for existing and future stormwater infrastructure designed and constructed as part of the City's development guidelines for both public and private developments. The City's Stormwater Department will maintain public structures that were previously identified under BMP E.3 as needing maintenance. Inventoried owners of private structures with and without maintenance agreements will be notified of the need for maintenance.

2. Measurable Goal(s): The City will be responsible for performing any needed maintenance on all public structures. For private structures, the City will submit a summary list of all executed maintenance agreements in each annual report.

3. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): N/A
 - c. Frequency of actions (if applicable): As needed
 - d. Month/Year of each action (if applicable) N/A

4. Person (position) responsible for overall management and implementation of the BMP: Autron Hayes, Public Utilities Manager, Steve Parker, Stormwater Leader

5. 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.

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 measurable results that are obtained successfully from the activities that show the BMP being implemented as planned. The City will compare the maintenance between public owned structures and private maintenance agreements for private structures annually to see if any changes are needed to ensure the upkeep maintenance on the structures are effective in reducing pollution to the water ways.

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BMP ID Number: E.5 GI/LID Structures

1. Description of BMP: The City of Loganville will create an inventory of GI/LID structures located within the service area. Example GI/LID Structures include bioswales, pervious pavement, rain gardens, cisterns, and green roofs. The database will include the total number of each type of GI/LID structure and also any maintenance performed on these GI/LID during the reporting period.
2. Measurable Goal(s): Tracking the addition of new water quality related GI/LID structures. Provide an updated inventory list GI/LID structures annually in the annual report submitted.
3. Schedule:
 - a. Interim Milestone Dates (if applicable): 2/15/2015 Inventory list submitted to EPD
 - b. Implementation Date (if applicable): N/A
 - c. Frequency of actions (if applicable): As needed
 - d. Month/Year of each action (if applicable) N/A
4. Person (position) responsible for overall management and implementation of the BMP: Steve Parker, Stormwater Leader
5. 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.
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 measurable results that are obtained successfully from the activities that show the BMP being implemented as planned.

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BMP ID Number: E.6 Regulation Review for GI/LID Practices

1. Description of BMP: The City of Loganville recognizes the value of green infrastructure /low impact development (GI/LID) in stormwater management. The City will review and revise, where necessary, building codes, ordinances and other regulations to ensure they do not prohibit or impede the use of GI/LID practices, including infiltration, reuse, and evapotranspiration. A report on the evaluation will be prepared and submitted to EPD by February 15, 2015. Necessary revisions will be completed and adopted ordinances submitted to EPD by February 15, 2017.
2. Measurable Goal(s): Assess regulations governing road design and parking requirements and consider the inclusion of incentives for use of GI/LID practices into the City's regulatory documents.
3. Schedule:
 - a. Interim Milestone Dates (if applicable): Complete evaluation and submit report to EPD by 2/15/2015; Complete revisions and adopt ordinances by December 6, 2016
 - b. Implementation Date (if applicable): N/A
 - c. Frequency of actions (if applicable): As needed
 - d. Month/Year of each action (if applicable) N/A
4. Person (position) responsible for overall management and implementation of the BMP: Autron Hayes, Public Utilities Manager, Steve Parker, Stormwater Leader
5. 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

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 measurable results that are obtained successfully from the activities that show the BMP being implemented as planned.

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**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.

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

BMP ID Number: F.1 MS4 Inventory/Map

1. Description of BMP: The City is required to maintain a current inventory of storm sewer system (e.g., catch basins; drop inlets; pipes; ditches; junction boxes; detention ponds; etc.). The inventory and map are currently partially complete. This BMP will focus on creating and updating the inventory and map on an annual basis and producing a Storm Sewer System Map Book to enable the City to effectively implement all inspection and maintenance activities. At a minimum, the inventory and map must include catch basins, ditches (miles or linear feet), detention/retention ponds, and storm drain lines (miles or linear feet). A map book depicting inventoried stormwater infrastructure and more is included in this SWMP. A current inventory of these structures is currently being finalized. The complete inventory and map of the City's storm sewer system will be submitted to EPD no later than February 15, 2015.

2. Measurable Goal(s): The City will submit the following to EPD in each annual report: current inventory of storm sewer system infrastructure; number and type of new structures added during the reporting period; and maps of the storm sewer system.

3. Schedule:
 - a. Interim Milestone Dates (if applicable): Provide current inventory and map of storm sewer system infrastructure to EPD by February 15,2015.

 - b. Implementation Date (if applicable): N/A

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

 - d. Month/Year of each action (if applicable): As needed

4. Person (position) responsible for overall management and implementation of the BMP: Autron Hayes, Public Utilities Manager

5. 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.
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 GIS database with field results to correct any defensives in the inventory structure.

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For Municipal Operations**

BMP ID Number: F.2 MS4 Inspection Program

1. Description of BMP: The City will conduct inspections of all MS4 stormwater management structures. The inspections will cover the condition of the asset. The structures that will be inspected; catch basins; junction boxes; and detention ponds; etc. and all those structures listed on the MS4 inventory required by BMP F1. 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 100% of all inventoried assets within a five year period. The City will inspect 20% oeach year of all inventoried assets. The City will provide a list of all structures inspected and will submit inspection forms and letters to private owners within the annual report.
3. Schedule:
 - a. Interim Milestone Dates (if applicable): Submit Inspections, Operations and Maintenance Procedures by February 15, 2014.
 - b. Implementation Date (if applicable): On-going
 - c. Frequency of actions (if applicable): Annually
 - d. Month/Year of each action (if applicable): N/A
4. Person (position) responsible for overall management and implementation of the BMP: Steve Parker, Stormwater Leader
5. 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.

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 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.

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**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 of the MS4 per the City's EPD-approved Inspections Operations and Maintenance Procedures (see Attachment M). 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. The IOM Procedures are currently being developed and will be submitted to EPD by February 15, 2014.
2. Measurable Goal(s): The City will perform and document maintenance, as needed, on MS4 control structures during the reporting period. The City will provide the number of each type of structure maintained during the reporting period.
3. Schedule:
 - a. Interim Milestone Dates (if applicable): Submit Inspections, Operations and Maintenance Procedures by February 15, 2014.
 - b. Implementation Date (if applicable): On-going
 - c. Frequency of actions (if applicable): As needed
 - d. Month/Year of each action (if applicable): N/A
4. Person (position) responsible for overall management and implementation of the BMP: Autron Hayes, Public Utilities Manager, Steve Parker, Stormwater Leader
5. 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.
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 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.

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

BMP ID Number: F.4 Street Sweeping/Cleaning

1. Description of BMP: Implementing a regular 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 in servicing its street sweeping operators. The program is city wide. All materials collected will be properly disposed of. The public streets will be swept once annually. The streets will be selected based on priority. The number of miles will vary. The material will be disposed of by the street sweeping corporation in a certified landfill.

2. Measurable Goal(s): The City will provide the number of miles swept and a list of the roads swept in the annual report. A minimum of one mile will be swept each year.

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

4. Person (position) responsible for overall management and implementation of the BMP: Steve Parker, Stormwater Leader

5. 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.

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 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.

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**Appendix F: Pollution Prevention/Good Housekeeping
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BMP ID Number: F.5 Employee Training

1. Description of BMP: Conduct a training program by the Stormwater Department Head and the Safety Coordinator for city workers within the water, stormwater, sewer and public works department as well as city officials who choose to participate. The training program will use videos approved by the EPA/EPD to show good house keeping practices for maintenance yards, storage areas, vehicle wash facilities etc... and the impacts that flooding wand erosion have on the stormwater system. This training will be held once a year and provide to new employees during employee orientation.
2. Measurable Goal(s): Record dates, times, and attendants of the training program. Hold training once a year. The City will submit a list of attending employees and the training topic of the program in its annual report.
3. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): N/A
 - c. Frequency of actions (if applicable): Annually/ as needed
 - d. Month/Year of each action (if applicable) N/A
4. Person (position) responsible for overall management and implementation of the BMP: Brandon Phillips, Safety/Training Coordinator, Russell Page, Safety Officer
5. 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.
5. 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.

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**Appendix F: Pollution Prevention/Good Housekeeping
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BMP ID Number: F.6 Waste Disposal

1. Description of BMP: The City will properly dispose of all waste generated during municipal operation including all debris, litter and sediment removed during the MS4 Maintenance Program, Street sweeping. 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. The City will submit the total tonnage of waste disposed in the annual report.
5. 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): N/A
6. Person (position) responsible for overall management and implementation of the BMP: Steve Parker, Stormwater Leader
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.

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**Appendix F: Pollution Prevention/Good Housekeeping
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BMP ID Number: F.7 New Flood Management Projects

1. Description of BMP: New Flood Management Project will be examined for water quality impacts during the design phase. The City will examine every project regarding the feasibility of incorporating water quality enhancements into the design of future flood management projects. The City will attempt to incorporate water quality enhancements to future BMPs provided tat it can be accomplished in a cost effective manner.
2. Measurable Goal(s): Provide the number of plans reviewed for water quality impacts during the reporting period.
3. 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): N/A
4. Person (position) responsible for overall management and implementation of the BMP: Autron Hayes, Public Utilities Manager, Mike Bledsoe, City Engineer
5. 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.
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 measurable results that are obtained successfully from the activities that show the BMP being implemented as planned.

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BMP ID Number: F.8 Existing Flood Management Projects

1. Description of BMP: Existing Flood Management Projects will be examined for existing levels of water quality impact and then reviewed to see if water quality enhancements are achievable within the context of the project. The City Engineer will conduct an assessment of existing publicly-owned flood management projects for potential retrofitting to address water quality impacts. The evaluation will be conducted by the City Engineer. The evaluation will consist of examining its current feasibility. The retrofitting will be performed as soon as possible.

2. Measurable Goals: The City will evaluate one flood management project every two years. The evaluation will be performed by a registered engineer. The City will submit a copy of the Engineer's performed evaluation in the annual report.

3. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable): N/A
 - c. Frequency of Actions (if applicable): Every two years
 - d. Month/Year of each action (if applicable): N/A

4. Person (position) responsible for overall management and implementation of the BMP: Autron Hayes, Public Utilities Manager, Mike Bledsoe, City Engineer

5. 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.

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 measurable results that are obtained successfully from the activities that show the BMP being implemented as planned.

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BMP ID Number: F.9 Municipal Facilities

1. Description of BMP: Under this BMP, compliance assessment of municipal facilities and operations with potential for polluted stormwater runoff will be inspected on an annual basis (more if needed). All results will be documented and used to generate work orders and plan future training programs for long-term compliance. There are six City-owned facilities with potential for stormwater pollution. They include: Land Application Facility, Public Works Facility, Waste Water Reclamation Facility, Fire Station, Warehouse, and Maintenance Complex.

2. Measurable Goals: Update inventory and conduct inspections of a minimum of 20% of all pollutant generating municipal facilities and operations once each year. The results of municipal inspections will be provided in each annual report.

3. 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

4. Person (position) responsible for overall management and implementation of the BMP: Steve Parker, Stormwater Leader

5. Rationale for choosing BMP and setting measurable goal(s): This BMP allows the city to ensure municipal facilities are not contributing to water quality problems.

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 measurable results that are obtained successfully from the activities that show the BMP being implemented as planned. The City will compare the inspection report performed on the facilities and see what the issues are and perform follow up and see if the inspection helped with the needed corrections that were noted in the inspection.

**STORMWATER MANAGEMENT PLAN
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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: _____

Date of submittal to EPD: _____

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.

**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 10,646 in 2011

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: _____

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: _____