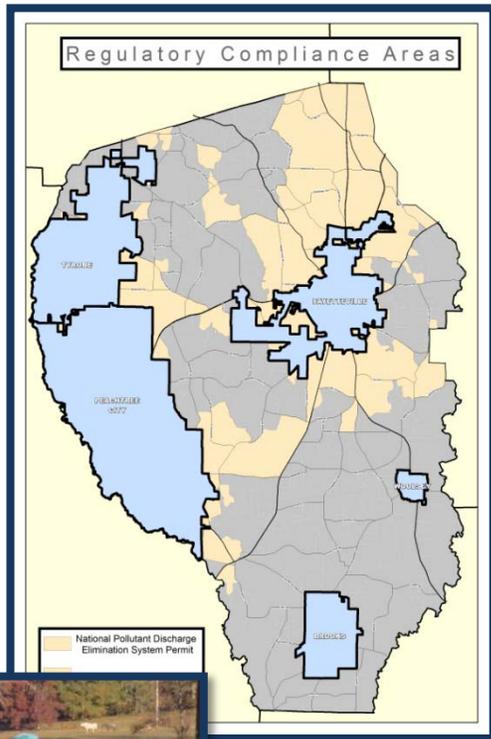


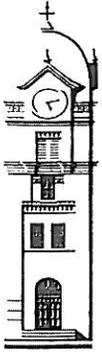
# Unincorporated Fayette County

## Stormwater Management Program



*Fayette*  
COUNTY

July 2013



# Fayette COUNTY

“WHERE QUALITY  
IS A LIFESTYLE”

140 STONEWALL AVENUE WEST, STE 100  
FAYETTEVILLE, GEORGIA 30214  
PHONE: 770-305-5200  
www.fayettecountyga.gov

September 12, 2013

Ms. Lyndell C. Mickleson, Environmental Specialist  
Environmental Protection Division  
NonPoint Source Program, Stormwater Unit  
4220 International Parkway, Suite 101  
Atlanta, GA 30354

SUBJECT: PHASE II MS4  
General NPDES Permit No. GAG610000 for  
Storm Water Management Program (SWMP)

Dear Ms. Mickelson:

Please be advised that I, Steve Brown, Chairman of the Board of Commissioners of Fayette County, Georgia, authorize Ms. Vanessa Birrell, Director of Fayette County's Department of Stormwater Management, to act as signatory for Fayette County, Georgia's Small Municipal Separate Sewer System Storm Water Management Program (SWMP) and requirements thereof as required by EPD. Ms. Birrell shall serve as Fayette County's "responsible official" with respect to the requirements of the Storm Water Management Program (SWMP).

If you have any questions concerning this document, please contact Ms. Birrell at 770-305-5410.

Sincerely,

A handwritten signature in black ink, appearing to read "SAB", with a long horizontal flourish extending to the right.

Steve Brown, Chairman  
Board of Commissioners  
Fayette County, Georgia

Cc: Vanessa Birrell

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

**Storm Water Management Program (SWMP)**

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

**1. General Information**

- A. Name of small MS4: Fayette County, Georgia
- B. Name of responsible official: Vanessa Birrell, CFM  
Title: Director of Stormwater Management  
Mailing Address: 140 Stonewall Avenue West  
City: Fayetteville State: GA Zip Code: 30214  
Telephone Number: 770-305-5410
- C. Designated stormwater management program contact:  
Name: Vanessa Birrell, CFM  
Title: Director of Stormwater Management  
Mailing Address: 140 Stonewall Avenue West  
City: Fayetteville State: GA Zip Code: 30214  
Telephone Number: 770-305-5410  
Email Address: vbirrell@fayettecountyga.gov

**2. Sharing Responsibility**

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

Control Measure #1:

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

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

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

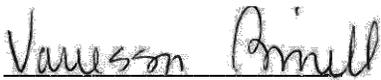
- A. Public Education and Outreach
- B. Public Involvement/Participation
- C. Illicit Discharge Detection and Elimination
- D. Construction Site Stormwater Runoff Control
- E. Post-Construction Stormwater Management in New Development and Redevelopment
- F. Pollution Prevention/Good Housekeeping
- G.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

\* A minimum of two BMPs per minimum control measure is required.

**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: Vanessa Birrell, CFM Date: September 12, 2013

Signature:  Title: Director of Environmental Management

# Table of Contents

## Minimum Control Measures

- 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

## Appendices

- Appendix A – Enforcement Response Plan
- Appendix B – Impaired Waters

## A. Public Education and Outreach on Stormwater Impacts

40 CFR Part 122.34(b)(1) Requirement: The permittee must implement a public education program to distribute educational materials to the community and/or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff.

The following BMPs are included as part of this stormwater minimum control measure:

- A.1 Elementary School Training;
- A.2 Educational Programs for Residential Yard Maintenance;
- A.3 Educational Programs on Illicit Discharges and Waste Disposal; and
- A.4 Educational Program on Residential Septic Tank Maintenance;

## A.1 Elementary School Training

1. Target Audience:

Elementary School Children

2. Description of BMP:

The Fayette County Extension Service conducts two educational programs per year to 5<sup>th</sup> grade school children on water related issues dealing with aquifers, groundwater, and non-point source pollution and prevention techniques. The Fayette County Extension Service is a jointly-funded cooperative between the University of Georgia and the Fayette County Board of Commissioners.

The curriculum and materials used for the training are developed by Project Wet and correlated to Georgia Elementary Science Quality Core Curriculum. Classroom training is provided by Fayette County Extension Service personnel and 4-H program volunteers. The Fayette County 4-H program delivers a one-hour, classroom based science enrichment program to every 5<sup>th</sup> grade class in the county each month through the science program in the Fayette County School System. All 5<sup>th</sup> grade students in Fayette County are reached through this program each month. Water related classes comprise two of the monthly science enrichment classes during the school year.

3. Measurable Goal(s):

Present two educational programs per year to each class of 5th grade school children within the unincorporated Fayette County public school system.

4. Documentation to be submitted with each annual report:

A summary of the educational programs given to the 5th grade students and the number of students reached during the report year.

5. Schedule:

- |                               |          |
|-------------------------------|----------|
| a. Interim Milestone Dates:   | NA       |
| b. Implementation Date:       | 2003     |
| c. Frequency of Actions:      | Annually |
| d. Month/Year of each Action: | Varies   |

6. Person responsible for overall management and implementation of the BMP:

Fayette County Extension Coordinator & 4-H Program Coordinator;  
Environmental Technician, Environmental Management Department

7. Rationale for choosing BMP and setting measurable goal(s):

There is an existing lack of knowledge in water related issues for school children. Teaching children can establish life-long habits of good environmental stewardship and help educate parents through the knowledge the children bring to their homes.

8. 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 number of student participants directly correlates with the number of families choosing to live in Fayette County. This choice indicates a “good” quality of life which can be analogous to “good” water quality.

## A.2 Educational Programs for Residential Yard Maintenance

1. Target Audience:

Homeowners within Fayette County

2. Description of BMP:

Review landscape, turf fertilization and Integrated Pest Management (IPM) programs. Provide classes and workshops to promote soil testing and instruct homeowners on the proper use of fertilizers and pesticides.

3. Measurable Goal(s):

Provide one training class on landscape management, turf fertilization, and IPM programs, or similar topic(s), per year.

Perform soil tests each year, upon request of County residents.

Present applicable stormwater management concepts during Master Gardner and Junior Master Gardner courses provided each year.

4. Documentation to be submitted with each annual report:

Summaries of classes taught with the number of attendees; and the number of soil test performed each year.

5. Schedule:

- |                               |  |
|-------------------------------|--|
| a. Interim Milestone Dates:   | None                                     |
| b. Implementation Date:       | 2003                                     |
| c. Frequency of Actions:      | Program review ongoing; Classes annually |
| d. Month/Year of each Action: | Ongoing                                  |

6. Person responsible for overall management and implementation of the BMP:

Fayette County Extension Coordinator & 4-H Program Coordinator;  
Environmental Technician, Environmental Management Department

7. Rationale for choosing BMP and setting measurable goal(s):

There is general lack of knowledge on the use of fertilizers and pesticides among homeowners. The Fayette County Extension Service receives approximately 40 calls per month from Fayette County citizens concerning questions on proper pesticide and fertilizer applications.

The County has over 90 certified Master Gardeners and approximately 20 are newly certified each year. The Master Gardeners are instructed in landscape, fertilization, and

IPM programs in a train-the-trainer mode so that they can serve as resources to dispense knowledge to others. Junior Master Gardeners are presented with the educational materials needed for appropriate yard maintenance.

8. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

An increase in the number of attendees demonstrates the Master Gardener's interest and understanding that stormwater education is a vital part of their program goals.

### A.3 Educational Programs on Illicit Discharges and Waste Disposal

1. Target Audience:

Businesses and general public

2. Description of BMP:

Review hazards associated with illegal discharges and improper disposal of wastes as it relates to non-point source pollution. Provide material to help educate the general public and businesses on illicit discharges and proper disposal methods of wastes.

[http://www.fayettecountyga.gov/environmental\\_management/index.htm](http://www.fayettecountyga.gov/environmental_management/index.htm)

3. Measurable Goal(s):

Provide educational material on the County's web page regarding illicit discharges and waste disposal.

4. Documentation to be submitted with each annual report:

Number of website visits;

Changes to information, links, and other stormwater related items.

5. Schedule:

- |                               |                                 |
|-------------------------------|---------------------------------|
| a. Interim Milestone Dates:   | None                            |
| b. Implementation Date:       | Classes – 2005                  |
| c. Web page:                  | 2006                            |
| d. Frequency of Actions:      | Classes – annually              |
| e. Month/Year of each Action: | Ongoing throughout permit cycle |

6. Person responsible for overall management and implementation of the BMP:

Environmental Management Department

7. Rationale for choosing BMP and setting measurable goal(s):

There is a general lack of knowledge regarding the disposal of wastes and their impact on non-point source pollution. The Fayette County Extension Service receives approximately ten calls per month with questions regarding proper procedure for the disposal of wastes such as paint, old pesticides, motor oil and other liquid wastes.

8. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

Track the number of website visits compared to the number of illicit discharge complaints.

**A.4 Educational Program on Residential Septic Tank Maintenance**

1. Target Audience:

Property owners with homes served by septic tanks.

2. Description of BMP:

Provide educational information on the proper maintenance and care of residential septic tanks via the stormwater utility bill. Distribute a septic care and maintenance informational brochure to each homeowner within the unincorporated county that is operating on a septic tank.

3. Measurable Goal(s):

Conduct one septic tank mailing per year to reach at least 80 percent of homes with residential septic tanks. Distribute information packets to 80 percent of new homes built within the unincorporated County, as tracked by Certificate-of-Occupancy permits.

4. Documentation to be submitted with each annual report:

The septic tank mailer and documentation showing how many were mailed.

5. Schedule:

- a. Interim Milestone Dates: None
- b. Implementation Date: 2010
- c. Frequency of Actions: Annually
- d. Month/Year of each Action: Ongoing

6. Person responsible for overall management and implementation of the BMP:

Environmental Management Department

7. Rationale for choosing BMP and setting measurable goal(s):

Fayette County has approximately 21,000 homes built from 1960 to 1980 with septic tanks. If septic tank failure occurs on their property and telling them proper septic tank maintenance procedures can motivate the target audience to perform proper maintenance. Performing this educational information dissemination via utility bill distribution is a more effective way to reach a broader audience.

8. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

Effectiveness can be demonstrated if the number of complaints decreases each year.

## B. Public Involvement / Participation

40 CFR Part 122.34(b)(2) Requirement: You must, at a minimum, comply with State, Tribal, and local public notice requirements when implementing a public involvement/ participation program.

The following BMPs are included as part of this stormwater minimum control measure:

- B.1 Board of Commissioner Meetings; and
- B.2 Community Clean-up and Improvement.

## B.1 Board of Commissioners Meetings

1. Target Audience:

The Fayette County Board of Commissioners and general public.

2. Description of BMP:

Annual presentations will be made to the Board of Commissioners to provide information about the stormwater management program. Special focus will be made on the minimum requirements of the NPDES Phase II general permit, progress to-date, and anticipated resource needs. When the annual presentation is made to the Board of Commissioners, a specific time will be set aside to encourage public comment and discussion. Presentations will normally be scheduled in February in order to allow sufficient time to incorporate resource needs into the next year's fiscal budget.

Information is available by attending the public meetings, reviewing meeting minutes (available through the Administrative Office and on the County web page), and newspaper coverage. Public participation is encouraged during the public comment period provided at all BOC meetings. In addition, public input is solicited during the mandatory public comment period required for any change to the Development Regulations.

3. Measurable Goal(s):

Provide at least one presentation per year to the BOC and general public.

Maintain minutes of all meetings that discuss or address stormwater-related issues, include documentation of all public comment.

4. Documentation to be submitted with each annual report:

Copies of all public meeting minutes where stormwater issues are presented and/or discussed.

Meeting Dates/Agendas/Minutes

5. Schedule:

- |                               |               |
|-------------------------------|---------------|
| a. Interim Milestone Dates:   | None          |
| b. Implementation Date:       | 2004          |
| c. Frequency of Actions:      | Once per year |
| d. Month/Year of each Action: | Varies        |

6. Person responsible for overall management and implementation of the BMP:

Environmental Management Director

7. Rationale for choosing BMP and setting measurable goal(s):

This BMP is a mechanism to inform both the public and the Board of Commissioners of the County's stormwater management program.

8. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

Record the number of Commissioners and general public comments during the meeting. The more interaction recorded will show an increased awareness of stormwater issues facing Fayette County.

## **B.2 Community Clean-Up & Improvement**

1. Target Audience:

Fayette County citizens and business owners interested in hands-on volunteer activities aimed at improving water quality to include local schools, churches, civic organizations, and homeowner associations.

2. Description of BMP:

An annual stream clean-up activity with a goal of improving water quality and educating the volunteers about stormwater management activities.

3. Measurable Goal(s):

Conduct at least one Community Clean-Up and Improvement activity each year.

4. Documentation to be submitted with each annual report:

Summaries of clean-ups conducted to include location and the number of attendees.

5. Schedule:

- a. Interim Milestone Dates: None
- b. Implementation Date: 2005
- c. Frequency of Actions: Once per year
- d. Month/Year of each Action: Varies

6. Person responsible for overall management and implementation of the BMP:

Environmental Management Director

7. Rationale for choosing BMP and setting measurable goal(s):

Public involvement in the in storm water management program has many benefits, including education and sources of labor for field activities. In addition, these types of activities allow participants to see first hand the impacts that illicit discharges, litter, erosion and sedimentation have on water quality.

8. How you will determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

Track the number of attendees at each event. An increase in participation will show an increased awareness of stormwater issues facing Fayette County.

## C. Illicit Discharge Detection and Elimination

40 CFR Part 122.34(b) (3) Requirement: You must develop, implement and enforce a program to detect and eliminate illicit discharges into your small MS4. You must:

- A) Develop, if not already completed, a storm sewer system map, showing the location of all outfalls and the names and location of all waters of the State that receive discharges from those outfalls;
- B) Effectively prohibit, through ordinance, or other regulatory mechanism, non-storm water discharges into your storm sewer system and implement appropriate enforcement procedures and actions;
- C) Develop and implement a plan to detect and address non-storm water discharges, including illegal dumping, to your system; and
- D) Inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste.

The following BMPs are included as part of this stormwater minimum control measure:

- C.1 Legal Authority
- C.2 Outfall Map and Inventory
- C.3 IDDE Plan
- C.4 Education
- C.5 Complaint Response

## C.1 Legal Authority

1. Description of BMP:

Develop and adopt an IDDE ordinance that prohibits non-stormwater discharges to the MS4 and evaluate annually the adopted ordinance, and if necessary, modify the existing ordinance.

2. Measurable Goal(s):

Implement appropriate enforcement action of the Ordinance.

3. Schedule:

- |                               |              |
|-------------------------------|--------------|
| a. Milestone Dates:           | None         |
| b. Implementation Date:       | January 2005 |
| c. Frequency of Action:       | Continually  |
| d. Month/Year of each action: | N/A          |

4. Documentation to be submitted with each annual report:

Ordinance revisions (as applicable.)

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management.

6. Rationale for choosing BMP and setting measurable goal(s):

A regulatory mechanism was needed to detect illicit discharges within Fayette County and to impose sanctions in order to ensure compliance.

7. How will you determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

Track the number of illicit discharges. A decrease in discharges demonstrates compliance and enforcement of the Fayette County IDDE ordinance.

## C.2 Outfall Map and Inventory

1. Description of BMP:

Develop or update an inventory and map of the MS4 outfalls.

2. Measurable Goal(s):

Provide the number of outfalls added and inspected to the storm sewer map during the reporting period.

3. Schedule:

- |                               |              |
|-------------------------------|--------------|
| a. Milestone Dates:           | None         |
| b. Implementation Date:       | Fall of 2004 |
| c. Frequency of Action:       | Continually  |
| d. Month/Year of each action: | N/A          |

4. Documentation to be submitted with each annual report:

This data will be presented in excel format with all inventory attributes listed.

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

An inventory of the MS4 outfalls is a minimum requirement of the Georgia NPDES permit and a required step for subsequent pollution prevention goals.

7. How will you determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

Track the number of outfalls added to the outfall inventory. A yearly increase in the number of outfalls inventoried will increase the number of known deficiencies in the MS4.

### C.3 IDDE Plan

1. Description of BMP:

Fayette County's IDDE Plan (Attached) is designed to detect, eliminate and prevent non-storm water discharges, including dumping, to the County's municipal storm sewer system. The IDDE program includes the following components:

- Outfall Screening- The outfall screening element includes the assessment of all County-owned or operated MS4 structures and periodic dry-weather screening of outfalls.
- Procedures for investigating illicit discharges that include sampling and investigative procedures.
- Procedures to ensure illicit discharges are eliminated.

2. Measurable goal(s):

Conduct inspections on the MS4 infrastructure so that 100 percent of outfalls are inspected within a 5-year period. Twenty percent of structures will be inspected annually and reported to EPD.

Illicit discharge and illegal connection enforcement actions are implemented by the Environmental Management or Environmental Health Departments in accordance with the Fayette County Illicit Discharge and Illegal Connection Ordinance.

Track all illicit discharge CSRs providing 100 percent follow-up.

3. Documentation to be submitted with each annual report :

Listing of all outfalls inspected annually.

Customer Service Request Logs and all investigation reports and related correspondence pertaining to IDDE CSRs.

Documentation on any source tracing activities conducted on illicit discharges found during the reporting period.

4. Schedule:

- |                               |             |
|-------------------------------|-------------|
| a. Interim milestone dates:   | NA          |
| b. Implementation date:       | Annually    |
| c. Frequency of actions:      | Continually |
| d. Month/Year of each action: | NA          |

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

An IDDE program is required for thorough and consistent detection and elimination of illicit discharges and/or dumping.

7. How will you determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

A decrease in the number of reported illicit discharges over time will demonstrate effectiveness of the IDDE plan and education initiatives.

## C.4 Education

### 1. Description of BMP:

Implement an IDDE Education program to educate the public, businesses, and government employees about illicit discharges. This program will include training county employees to recognize illicit discharges (or conditions that could lead to illicit discharges) and provide guidance on methods of addressing identified problems. Public education will center on recognizing an illicit discharge when observed and where to report the problem. Targeted businesses from the IDDE business database (attached) will receive information on how their business can cause pollution and what to do to prevent illicit discharges and how to respond in a case of a spill.

### 2. Measurable goal(s):

Annual IDDE training will be presented by the Environmental Management Department.

A five-year 20 percent septic tank maintenance and inspection credit will be given to any Stormwater Utility customer who brings in a copy of their inspection report or repair receipt.

Targeted distribution of educational materials will be mailed to 20 percent of potential illicit discharge generating sites as identified in the IDDE Business database.

### 3. Documentation to be submitted with each annual report:

Annually report the date of training, topics covered and attendance.

A list of utility customers receiving this credit will be reported annually.

Education material and number of businesses receiving this information will be reported annually.

### 4. Schedule:

- |                               |          |
|-------------------------------|----------|
| a. Interim milestone dates:   | NA       |
| b. Implementation date:       | Annually |
| c. Frequency of actions:      | Varies   |
| d. Month/Year of each action: | NA       |

### 5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

### 6. Rationale for choosing BMP and setting measurable goal(s):

County employees that are in the field on a daily basis and have the greatest chance of discovering illicit discharges. Septic tank owners are not aware of the link between leaking

septic systems and water quality. Most potential illicit-discharging generating businesses are unaware of their potential to pollute and how it affects water quality.

7. How will you determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

A decrease in the number of reported illicit discharges over time will demonstrate effectiveness of the IDDE plan and education initiatives.

## C.5 Complaint Response

1. Description of BMP:

The Fayette County Environmental Management Department's primary phone line serves as the hotline for receiving citizen concerns and questions regarding all environmental compliance issues, including illicit discharge concerns. The line is staffed during normal business hours and an answering machine records messages during non-business hours. The line is commonly used by the public. Questions and concerns are documented on a Customer Service Request (CSR) form and investigated by Field Technicians. The phone number (770-460-5730 ext 5410) is available in all County directories, Department business cards, and on the County's website.

2. Measurable goal(s):

The IDDE Plan (attached) includes procedures for receiving, investigating and tracking status of illicit discharge complaints to ensure elimination of the pollution.

3. Documentation to be submitted with each annual report:

Customer Service Request Logs and all investigation reports and related correspondence pertaining to IDDE CSRs.

4. Schedule:

- |                               |          |
|-------------------------------|----------|
| a. Interim milestone dates:   | NA       |
| b. Implementation date:       | Annually |
| c. Frequency of actions:      | Varies   |
| d. Month/Year of each action: | NA       |

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

To maintain timely and uniform response procedures to information submitted by the public.

7. How will you determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

A decrease in the number of reported illicit discharges over time will demonstrate effectiveness of the IDDE plan and education initiatives.

## D. Construction Site Stormwater Runoff Control

40 CFR Part 122.34(b)(4) Requirement: The permittee must develop, implement, and enforce a program to reduce pollutants in any storm water runoff to the MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. Stormwater discharges from construction activity disturbing less than one acre must be included in the permittee's program if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more. The 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.

The following BMPs are included as part of this stormwater minimum control measure:

- D.1 Legal Authority
- D.2 Site Plan Review Procedures
- D.3 Pre-construction Meetings
- D.4 Erosion Control Inspection/Enforcement Procedures
- D.5 Complaint Response
- D.6 Certification

## D.1 Legal Authority

### 1. Description of BMP:

Creation and implementation of an ordinance designed to require erosion and sediment controls at construction sites and impose sanctions for failure to comply with those controls. Also, the county will evaluate annually the adopted ordinance, and if necessary, modify the existing ordinance.

### 2. Measurable Goal(s):

Implement appropriate enforcement action of the Ordinance.

### 3. Schedule:

- |                               |              |
|-------------------------------|--------------|
| a. Interim Milestone Dates:   | None         |
| b. Implementation Date:       | January 2005 |
| c. Frequency of Action:       | Continually  |
| d. Month/Year of each action: | N/A          |

### 4. Documentation to be submitted with each annual report:

Ordinance revisions (as applicable.)

### 5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

### 6. Rationale for choosing BMP and setting measurable goal(s):

A regulatory mechanism is required to have the authority to enforce properly installed and functioning erosion and sediment controls at construction sites and to impose sanctions in order to ensure compliance.

### 7. How will you determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

A decrease in the number of citation issued each year demonstrates compliance and enforcement of the Erosion, Sedimentation and Pollution Control Ordinance.

## D.2 Site Plan Review Procedures

### 1. Description of BMP:

Any project requiring a land disturbance permit (LDP) must submit a Soil Erosion Sedimentation and Pollution Control (ES&PC) Plan to the Fayette County Environmental Management Department prior to issuance of the LDP. The plan must meet all requirements of the Fayette County ES&PC Ordinance, which is inclusive of the entire range of BMPs detailed in the current edition of The Manual for Erosion and Sediment Control in Georgia.

Water quality concerns beyond those normally associated with ES&PC, specifically trash/construction debris, fuel storage, sanitary waste and concrete truck wash-out are regulated through the County's existing Litter Control and Illicit Discharge and Illegal Connection ordinances as well as the State's National Pollutant Discharge Elimination System (NPDES) stormwater permit for construction activities. BMPs and restrictions associated with these potential pollutants are addressed in ES&PC plans and reviewed and discussed during pre-construction meetings. In addition, Fayette County requires developers to post a Maintenance Bond that includes ES&PC; this ensures maintenance of required erosion and sediment control measures for a period of two years as a condition of final plat approval.

### 2. Measurable Goal(s):

Review 100 percent of site plans prior to issuing a LDP;

record the number of plans reviewed and LDPs issued; and,

confirm minimum controls/requirements for trash/construction debris, fuel storage, sanitary waste and concrete truck wash-out are called out within site plan prior to approval.

### 3. Schedule:

- |                               |                               |
|-------------------------------|-------------------------------|
| a. Interim Milestone Dates:   | None                          |
| b. Implementation Date:       | Implemented already (ongoing) |
| c. Frequency of Actions:      | Every plan review             |
| d. Month/Year of each Action: | Ongoing                       |

### 4. Documentation to be submitted with each annual report:

List of Erosion, Sediment and Pollution Control Plan submittals, approvals and resubmittals; and,

List of all Land Disturbance Permits issued.

### 5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

To implement actions during the plan review process that ensures the effective application of ES&PC measures that prevents adverse impact on water quality.

7. How will you determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

Track the number of times a set of plans is reviewed before approval. A decrease in reviews demonstrates an increased awareness of Fayette County code.

### D.3 Pre-construction Meetings

1. Description of BMP:

Conduct pre-construction meetings with developers/builders of residential subdivisions and commercial sites prior to the issuance of a land disturbance permit. The purpose of the meetings is to review site-specific erosion control requirements, confirm responsibilities and ensure erosion control and pollution prevention measures are installed prior to the initiation of any grading activities.

Water quality concerns beyond those normally associated with ES&PC, specifically trash/construction debris, fuel storage, sanitary waste and concrete truck wash-out are regulated through the County's existing Litter Control and Illicit Discharge and Illegal Connection ordinances. BMPs and restrictions associated with these potential pollutants are addressed in ES&PC plans and reviewed and discussed during pre-construction meetings.

2. Measurable Goal(s):

Conduct a preconstruction meeting for at least 80 percent of all non-residential land disturbance permits that are issued. Review water quality concerns during all pre-construction meetings.

3. Schedule:

- |                               |           |
|-------------------------------|-----------|
| a. Interim Milestone Dates:   | None      |
| b. Implementation Date:       | 2005      |
| c. Frequency of Actions:      | As needed |
| d. Month/Year of each Action: | As needed |

4. Documentation to be submitted with each annual report:

All pre-construction meeting documentation.

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

To ensure the establishment and understanding of requirements for construction site operators to implement appropriate erosion and sediment control best management practices.

7. How will you determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

The higher number of attendees at pre-construction meetings should correlate to a decrease in the number of notice of violations and stop work orders issued at an individual project site.

#### D.4 Erosion Control Inspection/Enforcement Procedures

1. Description of BMP:

Enforce erosion and sediment control BMPs on all construction sites using certified Environmental Technicians inspectors. The Environmental Management Department will enforce ordinance procedures as outlined in the Enforcement Response Plan for any violations found upon inspections.

2. Measurable Goals:

Track the number of field inspections, warnings, stop work orders and Notice of Violations;

Document follow-up activities in the Daily Inspection Log; and,

Inspect all construction sites following installation of initial BMPS, during active construction, and after final stabilization;

3. Schedule:

- |                               |           |
|-------------------------------|-----------|
| a. Interim Milestone Dates:   | None      |
| b. Implementation Date:       | Ongoing   |
| c. Frequency of Actions:      | Continual |
| d. Month/Year of each Action: | Continual |

4. Documentation to be submitted with each annual report:

LDP Inspections log;

Daily Inspection Report log; and

list of all Notice of Violations, Stop Work Orders, and citations issued.

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

To implement regulatory and compliance mechanisms relative to erosion and sediment controls on construction sites and establish procedures for site inspection and enforcement of control measures.

7. How will you determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

Track the number of site visits and re-inspections. A decrease in re-inspections demonstrates increased awareness of the importance of proper installation and maintenance of erosion and sediment control BMPs.

## D.5 Complaint Response

1. Description of BMP:

The Fayette County Environmental Management Department's primary phone line serves as the hotline for receiving citizen complaints and questions regarding all environmental compliance issues, including erosion and sedimentation concerns. The line is staffed during normal business hours and an answering machine records messages during non-business hours. The line is commonly used by the public. Questions and concerns are documented on a Customer Service Request (CSR) form and investigated by field technicians. The phone number (770-460-5730 ext 5410) is available in all county directories, department business cards, and on the county's website.

2. Measurable Goals:

Track the number of CSRs by type, respond within two business days, and maintain a 100 percent follow-up rate.

3. Schedule:

- |                               |           |
|-------------------------------|-----------|
| a. Interim Milestone Dates:   | None      |
| b. Implementation Date:       | Ongoing   |
| c. Frequency of Actions:      | Continual |
| d. Month/Year of each Action: | Continual |

4. Documentation to be submitted with each annual report:

List of all erosion, sedimentation and pollution customer service requests.

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

To maintain timely and uniform response procedures for erosion, sedimentation and pollution customer service requests.

7. How will you determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

Track the number of customer service requests for erosion and sediment control. A decrease in customer service requests demonstrates an increased awareness of the importance of proper installation and maintenance of ES&P BMPs.

## D.6 Certification

1. Description of BMP:

Ensure all MS4 staff involved in construction activities subject to Construction General Permits are trained and certified in accordance with the rules adopted by the Georgia Soil and Water Conservation Commission.

2. Measurable Goals:

Insure all staff associated with land disturbing actives are trained and certified in accordance with the rules adopted by the Georgia Soil and Water Conservation Commission.

3. Schedule:

- |                               |           |
|-------------------------------|-----------|
| a. Interim Milestone Dates:   | None      |
| b. Implementation Date:       | Ongoing   |
| c. Frequency of Actions:      | Continual |
| d. Month/Year of each Action: | Continual |

4. Documentation to be submitted with each annual report:

List of the name, GSWCC Certification ID and type of certifications held by MS4 staff.

5. Person responsible for overall management and implementation of the BMP:

Environmental Management Department

6. Rationale for choosing BMP and setting measurable goal(s):

Certification is required as part of the NPDES Phase II General Permit.

7. How will you determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

Track the number of certified staff. Certification of staff insures implementation of proper plan review, inspection and enforcement actions.

## E. Post-Construction Storm Water Management in New Development and Redevelopment

40 CFR Part 122.34(b)(5) Requirement: The permittee must develop, implement, and enforce a program to address storm water runoff into the MS4 from new development and redevelopment projects, including projects less than one acre if they are part of a larger common plan of development or sale. You must:

Develop and implement strategies which include a combination of structural and/or non-structural BMPs appropriate for your community;

Use an ordinance or other regulatory mechanism to address post-construction runoff from new development or redevelopment projects; and,

Ensure adequate long-term operation and maintenance of BMPs.

The following BMPs are included as part of this stormwater minimum control measure:

- E.1 Legal Authority
- E.2 Inventory
- E.3 Inspection Program
- E.4 Maintenance Program
- E.5 GI/LID Structures
- E.6 Stormwater Design Criteria

## E.1 Legal Authority

1. Description of BMP:

Creation and implementation of a Post-Development Storm Water Management in New Development and Redevelopment ordinance to control adverse effects of increased post-development stormwater runoff and nonpoint source pollution associated with new development and redevelopment. Also, the county will evaluate annually the adopted ordinance, and if necessary, modify the existing ordinance.

2. Measurable Goal(s):

Implement appropriate enforcement actions as authorized within the ordinance.

3. Documentation to be submitted with each annual report :

Ordinance revisions (as applicable.)

4. Schedule:

- a. Interim Milestone Dates: None
- b. Implementation Date: August 2005
- c. Frequency of Actions: Continually
- d. Month/Year of each Action: N/A

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

A regulatory mechanism enables the county to control the adverse effects of increased post-development stormwater runoff and non-point source pollution associated with new development and redevelopment.

7. How will you determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

Track the number of times a set of plans is deficient due to non-compliance with standards detailed in the Post-Development Storm Water Management in New Development and Redevelopment ordinance before final approval. A decrease in reviews due to this non-compliance demonstrates an increased awareness of Post-Development Storm Water Management in New Development and Redevelopment requirements.

## E.2 Inventory

1. Description of BMP:

Develop or update, as needed, an inventory of all publicly-owned post-construction storm water management structures (e.g. detention/retention ponds, water quality vaults, infiltration structures) and only those privately-owned structures designed after the December 9, 2008 deadline for adoption of the Georgia Stormwater Management Manual.

2. Measurable Goal(s):

Update the inventory as new structures are completed or existing structures are identified.

3. Documentation to be submitted with each annual report :

An updated inventory list of county-owned post-construction storm water management structures and privately owned structures designed after the adoption of the 2008 Georgia Stormwater Management Manual.

4. Schedule:

- |                               |             |
|-------------------------------|-------------|
| a. Interim Milestone Dates:   | None        |
| b. Implementation Date:       | 2005        |
| c. Frequency of Actions:      | Continually |
| d. Month/Year of each Action: | N/A         |

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

An inventory program is required as part of the NPDES Phase II General Permit.

7. How will you determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

An increase in the number of maintained water quality structures demonstrates a positive effect on stormwater quality in the county.

### E.3 Inspection Program

1. Description of BMP:

Conduct inspections of all post-construction stormwater management structures included on the inventory required in BMP #2.

2. Measurable Goal(s):

Inspect 20 percent of all post-construction stormwater management structures included on the inventory required in BMP #2 annually.

Require Operation and Maintenance Plans for all new developments and redevelopments, as applicable.

Require an Inspection & Maintenance Agreement for all new developments and redevelopments, as applicable.

3. Documentation to be submitted with each annual report :

A list of all activities associated with the post-construction stormwater development structures included on the inventory required in BMP #2.

4. Schedule:

- a. Interim Milestone Dates: None
- b. Implementation Date: 2005
- c. Frequency of Actions: Continually
- d. Month/Year of each Action: N/A

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

An Inventory Program is required as part of the NPDES Phase II General Permit.

7. How will you determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

Track the number inspections on the permitted and county owned stormwater management structures. An increase in the compliance should have a positive effect on stormwater quality in the county.

#### E.4 Maintenance of BMPs

1. Description of BMP:

Fayette County requires all new, privately owned facilities to submit and Operations & Maintenance (O&M) plans to include Best Management Practices (BMPs) for stormwater management detention ponds, wet ponds, and stormwater conveyance systems. The county does not have a stormwater utility and does not work on private property; therefore, maintenance of existing control measures is the responsibility of the property owner. The O&M requirements of this BMP shall apply to new and redevelopment projects.

An Inspection & Maintenance Agreement as well as performance/maintenance bonds are required of all new developments and redevelopments to ensure the O&M Plan is implemented. County code provides for enforcement action by the Environmental Management Department against the property owner if the O&M Plan is not properly implemented and maintained.

2. Measurable Goal(s):

Require O&M Plans for all new developments and redevelopments, as applicable.  
Require an Inspection & Maintenance Agreement for all new developments and redevelopments, as applicable.

3. Documentation to be submitted with each annual report :

A list of all activities associated with the post-construction stormwater development structures included on the inventory required in BMP #2.

4. Schedule:

- a. Interim Milestone Dates: None
- b. Implementation Date: December 2006
- c. Frequency of Actions: N/A
- d. Month/Year of each Action: N/A

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

A maintenance program is required as part of the NPDES Phase II General Permit.

7. How will you determine whether this BMP is effective in reducing pollution to stormwater in accordance with Part 5.1.4 of the Permit:

Track the number maintenance on the permitted and county-owned stormwater management structures. An increase in maintenance demonstrates a positive effect on stormwater quality in the county.

## E.5 GI/LID Structures

1. Description of BMP:

Develop an inventory of water quality-related GI/LID structures located within the permitted area and at a minimum, constructed after the effective date of the permit, including the total number of each type of structure (s) (e.g. bioswales, pervious pavement, rain gardens, cisterns, and green roofs.)

2. Measurable Goal(s):

Track the addition of new water quality-related GI/LID structures through the plan review process and ensure the structures are added to the GI/LID inventory.

3. Documentation to be submitted with each annual report :

A list of the GI/LID Structures constructed in the permitted are after the effective date of this permit.

4. Schedule:

- |                               |              |
|-------------------------------|--------------|
| a. Interim Milestone Dates:   | January 2015 |
| b. Implementation Date:       | January 2014 |
| c. Frequency of Actions:      | Continually  |
| d. Month/Year of each Action: | N/A          |

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

A list of the GI/LID Structures is required as part of the NPDES Phase II General Permit.

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:

Track the number GI/LID structures of permitted stormwater management structures. An increase in the installation of these structures should have a positive effect on stormwater quality in the permitted area.

## E.6 Stormwater Design Criteria

1. Description of BMP:

In 2005, Fayette County adopted the Georgia Stormwater Management Manual (the Blue Book) and the design criteria contained therein. Upon future re-evaluation, the county may prepare a supplement with additional criteria and/or clarifications specific to Fayette County.

2. Measurable Goal(s):

Check stormwater management plans submitted by builders/developers for compliance with the design criteria delineated in the Georgia Stormwater Management Manual and any subsequent supplement published by Fayette County.

3. Documentation to be submitted with each annual report :

Design criteria revisions (as applicable.)

4. Schedule:

- a. Interim Milestone Dates: None
- b. Implementation Date: 2005
- c. Frequency of Actions: Re-evaluate every three years
- d. Month/Year of each Action: 2013, 2016

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

Prior to 2005, Fayette County Development Regulations provided only minimal design criteria, and did not address water quality or stormwater maintenance requirements.

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:

Review compliance of each permitted stormwater facility and rate its effectiveness through maintenance records.

## F. Pollution Prevention/Good Housekeeping for Municipal Operations

40 CFR Part 122.34(b)(6) Requirement: The permittee 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. Using training materials available from the USEPA and other organizations as guidance, the permittee must, as a part of this program, include employee training to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and storm water system maintenance.

The following BMPs are included as part of this stormwater minimum control measure:

- F.1 MS4 Infrastructure Inventory and Map
- F.2 MS4 Inspection Program
- F.3 MS4 Maintenance Program
- F.4 County Road Cleaning
- F.5 Employee Training
- F.6 Waste Disposal
- F.7 New Flood Management Projects
- F.8 Existing Flood Management Projects
- F.9 Municipal Facilities

**F.1 MS4 Infrastructure Inventory and Map**

1. Description of BMP:

Develop or update an inventory and map of the MS4 control structures.

2. Measurable Goal(s):

Document all structures added to the storm sewer map during the reporting period.

3. Documentation to be submitted with each annual report:

A map of GIS data showing locations of all structures and attributes in excel noting those added during the reporting period.

4. Schedule:

- a. Interim Milestone Dates: None
- b. Implementation Date: Fall of 2004
- c. Frequency of Action: Continually
- d. Month/Year of each action: N/A

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

An inventory of the MS4 is a minimum requirement of the Georgia NPDES permit and a required step for subsequent pollution prevention goals. Maintaining an up-to-date inventory is an effective means to track operations and stormwater management concerns within the County.

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:

Track the number of structures inventoried. A yearly increase in the number of structures inventoried should increase the number of known deficiencies in the MS4.

## F.2 MS4 Inspection Program

1. Description of BMP:

Develop or update an inventory and map of the MS4 control structures.

2. Measurable Goal(s):

Conduct inspections on the MS4 control structures so that 100 percent of the structures are inspected within a 5-year period.

3. Documentation to be submitted with each annual report:

GIS data attribute files showing structures re-inspected during the reporting period.

4. Schedule:

- a. Interim Milestone Dates: None
- b. Implementation Date: Fall of 2004
- c. Frequency of Action: Annual
- d. Month/Year of each action: N/A

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

Inspection of the MS4 is a minimum requirement of the Georgia NPDES permit and a required step for subsequent pollution prevention goals. Inspecting infrastructure inventory is an effective means to track maintenance and stormwater management problems within the County.

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:

As maintenance is performed over time, the number of work orders decreases the reciprocal of which the number of functioning stormwater structures increases.

### **F.3 MS4 Maintenance Program**

1. Description of BMP:

Conduct maintenance on the MS4 control structures as needed.

2. Measurable Goal(s):

Conduct maintenance on MS4 infrastructures as prioritized.

3. Documentation to be submitted with each annual report:

Work orders from Environmental Management and Public Works.

4. Schedule:

- a. Interim Milestone Dates: None
- b. Implementation Date: Annual
- c. Frequency of Action: As prioritized
- d. Month/Year of each action: N/A

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management/Director of Public Works

6. Rationale for choosing BMP and setting measurable goal(s):

Maintenance of the MS4 is a minimum requirement of the Georgia NPDES permit and a required step for subsequent pollution prevention goals. Cleaning infrastructure is an effective means to reduce pollution in stormwater infrastructure and, consequently, in state 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 number of work orders issued due to flooding caused by clogged storm drains should decrease with time.

#### **F.4 County Road Cleaning**

1. Description of BMP:

The county will conduct road side clean ups on county owned and maintained roads.

2. Measurable goal(s):

Conduct trash and litter removal on MS4 roads and right-of-ways as prioritized.

3. Documentation to be submitted with each annual report:

The weight of trash and litter collected will be documented and reported annually.

4. Schedule:

- a. Interim milestone dates: NA
- b. Implementation date: Annually
- c. Frequency of actions: As prioritized
- d. Month/Year of each action: NA

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management/Director of Public Works

6. Rationale for choosing BMP and setting measurable goal(s):

Removal of trash from right-of-ways and roads is minimum requirement of the Georgia NPDES permit and also reduces pollution reaching stormwater infrastructure and state 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:

A reduction in the weight of trash and litter collected demonstrates a positive effect on water quality within the county.

## F.5 Employee Training

1. Description of BMP:

The county will conduct pollution prevention and good housekeeping training on an annual basis.

2. Measurable goal(s):

Conduct Fayette County Pollution Prevention training at least once a year. One session may serve multiple departments. The training shall include a review of pollution impacts on water quality and focus on practices that reduce the pollution risks associated with job-specific activities of county employees.

3. Documentation to be submitted with each annual report:

A record of the date of training, topics covered, and number of attendees.

4. Schedule:

- |                               |          |
|-------------------------------|----------|
| a. Interim milestone dates:   | NA       |
| b. Implementation date:       | Annually |
| c. Frequency of actions:      | Annually |
| d. Month/Year of each action: | NA       |

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

Pollution prevention for county employees training is a minimum requirement of the Georgia NPDES MS4 permit and one of the most important activities an MS4 permittee can perform to reduce pollutive impacts generated from county operations.

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:

Documenting the number of pollution complaints received from public employees. An increase in complaints from county employees demonstrates their increased awareness of pollution and the need to prevent pollution.

**F.6 Waste Disposal**

1. Description of BMP:

The county will properly dispose of waste removed from the MS4 as specified in the Fayette County Pollution Prevention Plan.

2. Measurable goal(s):

Document of waste removed from the MS4 and placed in the county inert landfill.

3. Documentation to be submitted with each annual report:

A record of the waste removed from the MS4.

4. Schedule:

- a. Interim milestone dates: NA
- b. Implementation date: Annually
- c. Frequency of actions: Weekly
- d. Month/Year of each action: NA

5. Person responsible for overall management and implementation of the BMP:

..... Director of Environmental Management/Director of Public Works

..... 6. Rationale for choosing BMP and setting measurable goal(s):

..... Waste disposal is minimum requirement of the Georgia NPDES permit.

..... 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:

..... Documenting the number of waste complaints received from public employees. An increase in complaints from county employees demonstrates their increased awareness of pollution and the need to prevent pollution.

## F.7 New Flood Management Projects

1. Description of BMP:

The county will review proposed county flood management projects during the design process to assess water quality impacts.

2. Measurable goal(s):

Ensure all new county facilities that add over 5000 sq. feet of impervious area or disturb over an acre meet water quality sizing criteria as outlined in the Georgia Stormwater Management Manual.

3. Documentation to be submitted with each annual report:

Provide the number of county plans reviewed to the water quality sizing criteria as outlines in the Georgia Stormwater Management Manual annually.

4. Schedule:

- a. Interim milestone dates: NA
- b. Implementation date: Annually
- c. Frequency of actions: Continually
- d. Month/Year of each action: NA

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

Water quality sizing criteria for new county-owned facilities is minimum requirement of the Georgia NPDES permit.

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:

Track the number of new flood management projects. An increase in the number of structures should have a positive effect on stormwater quality in the County.

## F.8 Existing Flood Management Projects

1. Description of BMP:

The county will review existing county owned flood management projects for potential retrofitting.

2. Measurable goal(s):

One county-owned flood management project will be assessed annually for priority of potential retrofitting.

3. Documentation to be submitted with each annual report:

Assessment of the county-owned flood management projects

4. Schedule:

- a. Interim milestone dates: NA
- b. Implementation date: Annually
- c. Frequency of actions: Continually
- d. Month/Year of each action: NA

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

Assessment of existing county-owned detention ponds for potential retrofitting to address water quality impacts is a minimum requirement of the Georgia NPDES permit.

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:

Track the number of retrofitted flood management projects. An increase in the number of structures should have a positive effect on stormwater quality in the County.

## F.9 Municipal Facilities

1. Description of BMP:

The county will implement the Good Housekeeping and Pollution Prevention Plan that addresses county facilities and activities having potential to cause pollution. (Attached)

2. Measurable goal(s):

Twenty percent of county-owned facilities listed in the Pollution Prevention Plan will be inspected on an annual basis.

3. Documentation to be submitted with each annual report:

Inspection reports of the county-owned facilities

4. Schedule:

- a. Interim milestone dates: NA
- b. Implementation date: Annually
- c. Frequency of actions: Continually
- d. Month/Year of each action: NA

5. Person responsible for overall management and implementation of the BMP:

Director of Environmental Management

6. Rationale for choosing BMP and setting measurable goal(s):

Assessment of existing county-owned detention ponds for potential retrofitting to address water quality impacts is a minimum requirement of the Georgia NPDES permit.

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:

Maintenance resulting from inspections of county facilities should improve water quality over time.

# Appendix A – Enforcement Response Plan

To be submitted within one year to EPD for approval.

# Appendix B – Impaired Waters

To be submitted to EPD for review and approval by February 15, 2015.