

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

GEORGIA NOTICE OF INTENT (GaNOI)

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

I. General Information

A. Ownership Status (Please check one):

- Municipal Separate Storm Sewer System
 Federal Facility
 State Facility

B. Name of small MS4: Spalding County

C. Name of responsible official: Michael Kendall

Title: County Commission Chairman

Mailing Address: 119 East Solomon Street

City: Griffin

State: GA

Zip Code: 30224

Telephone Number: 770-467-4233

D. Designated stormwater management program contact:

Name: William P. Wilson, Jr.

Title: County Manager

Mailing Address: 119 East Solomon Street

City: Griffin

State: GA

Zip Code: 30224

Telephone Number: 770-467-4224

Email Address: wwilson@spaldingcounty.com

II. 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:

Control Measure #2:

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.**

III. For Federal or State-Owned MS4s

(If you are a municipally owned MS4, skip to Part IV)

A. Location of MS4:

1. Name of Urbanized Area or municipality where your MS4 is located:
2. Name of your organization:
3. The latitude and longitude of the approximate center of your MS4:
Latitude_____ Longitude_____

IV. Known or Suspected Water Quality Problems

- A. The name(s) of the receiving waters to which your MS4 discharges (attach a separate list if necessary): Heads Creek, Honey Bee Creek, Grape Creek, Cabin Creek, a tributary to Shoal Creek, and Johnson Creek.
- B. Indicate any receiving water stream segments to which your MS4 discharges, which are included on the 303(d) list: Cabin Creek
- C. Describe any known or suspected water quality concerns within your jurisdictional area (e.g. stream siltation, 303(d) listed streams, habitat degradation, elevated levels of pollutants, etc.), including location (attach additional page(s) if necessary): The only known water quality concern is that Cabin Creek is a 303(d) listed stream.

V. Minimum Control Measures

- A. Public Education and Outreach – (complete Appendix A)
- B. Public Involvement/Participation – (complete Appendix B)
- C. Illicit Discharge Detection and Elimination – (complete Appendix C)
- D. Construction Site Stormwater Runoff Control – (complete Appendix D)
- E. Post-construction Stormwater Management in New Development and Redevelopment – (complete Appendix E)
- F. Pollution Prevention/Good Housekeeping – (complete Appendix F)

VI. 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: _____

Appendix A

Public Education and Outreach on Stormwater Impacts

40 CFR Part 122.34(b)(1) 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.

A. Best Management Practice (BMP) #1 – Library of Educational Materials

1. Target audience: General Public, Builders, Developers, County Employees.
2. Description of BMP: The County will initiate a program to disseminate educational materials to residents in the urbanized area and county staff over a five-year period. This program will entail creating a variety of flyers and pamphlets to inform the reader of the impacts of stormwater on the receiving water bodies. Specific materials will include: flyers on erosion and sedimentation practices for new construction and home builders, recycling and a “Who to Contact” pamphlet. Educational materials will be placed at County facilities such as the administration office, public works buildings, recycling centers and public library. The County will place 100 of each flyer and pamphlet at each government facility. County personnel will track the number of flyers and pamphlets distributed each month.
3. Measurable Goal(s): Placing the flyers and pamphlets at the above-mentioned facilities would expose residents, builders, developers and County employees to the educational material. The County will prepare 100 of each pamphlet and flyer for distribution and replace as needed. The “Who to Contact” flyer has been designed and is being distributed.
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable):
 - Mar 2004 (Distribute “Who to Contact” pamphlet; track number of flyers; and restock as needed / **Completed**)
 - Mar 2005 (Distribute Erosion & Sedimentation flyer for construction activity; track number of flyers; and restock as needed)
 - Mar 2006 (Distribute Erosion & Sedimentation flyer for home builders; track number of flyers; and restock as needed)

Mar 2007 (Distribute Recycling handout; track number of flyers; and restock as needed)

- c. Frequency of actions (if applicable):

Flyers will be restocked as needed

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

Mar 2004 (Distribute "Who to Contact" pamphlet; track number of flyers; and restock as needed / **Completed**)

Mar 2005 (Distribute Erosion & Sedimentation flyer for construction activity; track number of flyers; and restock as needed)

Mar 2006 (Distribute Erosion & Sedimentation flyer for home builders; track number of flyers; and restock as needed)

Mar 2007 (Distribute Recycling handout; track number of flyers; and restock as needed)

5. Person (position) responsible for overall management and implementation of the BMP: Paragon Consulting Group
6. Rationale for choosing BMP and setting measurable goal(s): The County believes that there is good exposure to residents, builders, developers and County personnel who frequent the library and other government facilities such that this BMP will be successful. Also, the amount of readily available information from the agencies listed in the description makes this BMP very cost effective to implement.

B. Best Management Practice (BMP) #2 – Website

1. Target audience: General Public / Citizens of Spalding County
2. Description of BMP: The County maintains a website for disseminating information to the public and County residents. The County will create a Stormwater Management Program Webpage on the County's official website. This page will house specific information about the County's Stormwater Management Program and electronic versions of the informational flyers and pamphlets as described in Appendix A BMP #1. Specific information would include educational material developed for each BMP in the respective Control Measure. The site would also contain information concerning illicit discharges, if they occur and are detected, as described Appendix C, BMP #2. Useful information concerning the hazards of improper disposal of hazardous waste, including fertilizers, chemical containers, etc. will be posted on the website as described in Appendix C, BMP #4 for the general public to access and utilize.

3. Measurable Goal(s): The County will monitor the number of website hits on a quarterly basis to determine the effectiveness of this media to disseminate information to the public. Additionally, the website will be updated on a semi-annual basis to provide new stormwater related links, information related to the dry weather screening program, and notification of any hazardous or improper waste disposal.

4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 Mar 2004 (Design County Stormwater Webpage / **Complete**)
 - b. Implementation Date (if applicable):
 Apr 2004 (County will have a complete stormwater webpage. / **Complete**)
 - c. Frequency of actions (if applicable):
 Update semiannually
 (Or as required for Appendix A BMP #1, Appendix C BMP #2, and Appendix C BMP #4) and track web hits monthly.
 - d. Month/Year of each action (if applicable):
 Mar 2004 (Design County Stormwater Webpage / **Complete**)
 Apr 2004 (County will have a complete stormwater webpage./ **Complete**)
 Oct 2004 (Update webpage)
 Apr 2005 (Update webpage)
 Oct 2005 (Update webpage)
 Apr 2006 (Update webpage)
 Oct 2006 (Update webpage)
 Apr 2007 (Update webpage)

5. Person (position) responsible for overall management and implementation of the BMP: William Wilson, County Manager

6. Rationale for choosing BMP and setting measurable goal(s): The County believes that a high percentage of the population either owns or has access to a computer with Internet access. As such, a stormwater page (with links) on the County's official website should provide easily

accessible information that residents and others can obtain at their convenience.

Appendix 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.

A. Best Management Practice (BMP) #1 – Stakeholder Groups

1. Target audience: General Public, Builders, Developers, County Staff
2. Description of BMP: The County will create a Stakeholder Advisory Group to assist political leaders and County staff with developing stormwater program policies and stormwater ordinances. The group will also assist the County with establishing the overall stormwater program direction for the community. The County will continue to convene the group on a periodic basis to review the progress of the stormwater program. The Stakeholder Advisory Group will consist of local residents, builders, developers, and civic leaders from the urbanized area. The group will meet once per year to discuss stormwater issues. Initially, the meeting will be to introduce the stakeholders to the new program. Subsequent meetings will focus on making program recommendations that will shape the future of the program, such as development ordinances, and water quality BMP requirements.
3. Measurable Goal(s): The measurable goal for this BMP will be to identify five people from different sectors of the community to provide feedback on the framework of the program and what stormwater issues need to be addressed in the program. The group will meet once per year to discuss stormwater program related issues and will be asked to provide feedback during the meeting. By including stakeholders from various interests throughout the County, this group should represent a cross section of the community's interests in the urbanized area.
4. Schedule:
 - a. Interim Milestone Dates (if applicable):

Mar 2004 (Prepare stakeholder list / **Complete**)
Aug 2004 (Have Stakeholder Advisory Group in place)
 - b. Implementation Date (if applicable):

Sep 2004 (Conduct annual stakeholder kickoff meeting)

c. Frequency of actions (if applicable):

Annually

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

Mar 2004 (Prepare stakeholder list / **Complete**)

Aug 2004 (Have stakeholder set)

Sep 2004 (Conduct annual stakeholder kickoff meeting)

Apr 2005 (Conduct annual stakeholder meeting)

Apr 2006 (Conduct annual stakeholder meeting)

Apr 2007 (Conduct annual stakeholder meeting)

5. Person (position) responsible for overall management and implementation of the BMP: William Wilson, County Manager
6. Rationale for choosing BMP and setting measurable goal(s): The historical growth of the County, as well as the potential for future growth, is such that use of a Stakeholder Advisory Group to solicit input with respect to the future stormwater management program should prove beneficial. Also, the County's diverse makeup of residential, development and business stakeholder interests should result in a wide diversity of interests being represented by the stakeholder group.

B. Best Management Practice (BMP) #2 – Community Stormwater Hotline

1. Target audience: General Public / Citizens of Spalding County
2. Description of BMP: The County will establish a hotline, (770)-467-4775, to receive stormwater related concerns. One County phone number will be designated in the "Who to Contact" pamphlet (see Appendix A BMP #1) for addressing stormwater calls. The County will track the number and the nature of calls in addition to the action taken.
3. Measurable Goal(s): The County will establish one hotline for receiving stormwater related concerns. The County will track the number of calls received on a monthly basis. Additionally, the County will track the nature of the calls, the political district, watershed, and action taken. The County has established a hotline number, and has included the number in the "Who to Contact" pamphlet.

4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable):
 - February 2004 (Setup hotline / **Complete**)
 - Mar 2004 (Publish the phone number in the "Who to Contact" pamphlet / **Complete**)
 - Apr 2004 (Create monthly list of calls / **Complete**)
 - c. Frequency of actions (if applicable):
 - Track calls Monthly
 - d. Month/Year of each action (if applicable):
 - February 2004 (Setup hotline / **Complete**)
 - Mar 2004 (Publish the phone number in the "Who to Contact" pamphlet / **Complete**)
 - Apr 2004 (Create monthly list of calls / **Complete**)
5. Person (position) responsible for overall management and implementation of the BMP: William Wilson, County Manager
6. Rationale for choosing BMP and setting measurable goal(s): The public is a valuable source of information for identifying stormwater issues. As such, the hotline allows their concerns to be heard and addressed. Tracking the calls by political district and watershed will provide valuable information for identifying future capital improvement projects.

C. Best Management Practice (BMP) #3 – Stenciling program

1. Target audience: General Public / Citizens of Spalding County
2. Description of BMP: The County will establish a program for stenciling or affixing a stormwater information disc to stormwater drainage inlets located within the urbanized area. These inlets will primarily be located within residential subdivisions identified on the map of the urbanized area but all inlets identified in the area will ultimately be marked. Spalding County GIS personnel will be notified of the neighborhoods and streets that have been marked so that a reference map can be created to track the progress and provide a means to readily identify remaining areas for groups that wish to participate in the program. Spalding County will give volunteers a map so they know which storm inlets to mark. The volunteers

will return the maps to the County after stenciling is complete. The County will, subsequently update its GIS maps to reflect recently stenciled inlets. Also, all new subdivisions will be added to the map so that they can be marked in the future. The use of volunteers consisting of civic groups or youth groups such as the Boy Scouts has worked well in other areas. The involvement of these groups can be promoted by information on the website and by direct contact from the County by letter. The use of the discs works well with groups since they are relatively easy to affix using an adhesive dispensed with a caulking gun. The discs also are necessary for cast iron hooded inlets due to the limited space to place lettering if stenciling were to be used. Stenciling, however, can be used on concrete catch basins but often is difficult to apply and sometimes “bleeds” out from the letters. When used, blue letters 1.5 inches in height will be utilized using exterior grade epoxy paint. The Spalding County Sign Shop will prepare the stenciling device to be used in the program. The supplies and discs will be provided and paid for by Spalding County to any group wishing to participate as well as for the County personnel. The stenciling will begin in the southern part of the County and will work its way north until all of the urbanized area has been covered. Any new developments will be picked up after the initial sweep of the urbanized area.

3. Measurable Goal(s): The County will establish a program, and begin stenciling the stormwater drainage inlets at a minimum of 30 per year. An estimated 350 inlets are located within the area based on random field checks. The inlets that are stenciled will be checked on two year intervals to check for wear due to the elements and re-stenciled if necessary. The inlets with discs will be checked every four years and the disc will be replaced if damaged.
4. Schedule:
 - a. Interim Milestone Dates (if applicable):

Sep 2004 (Obtain decal disc and materials)
Mar 2005 (Recruit volunteers)
 - b. Implementation Date (if applicable):

Oct 2004 (Develop program)
Nov 2004 (Submit program to EPD)
Apr 2005 (Begin stenciling)
 - c. Frequency of actions (if applicable):

Stencil 30 stormwater drainage inlets each year.

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

Sep 2004 (Obtain decal disc and materials)

Oct 2004 (Develop program)

Nov 2004 (Submit program to EPD)

Mar 2005 (Recruit volunteers)

Apr 2005 (Begin stenciling)

Apr 2006 (Complete 30 inlets)

Apr 2007 (Complete 30 inlets)

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

Jake Garner, Public Works Director - for installation and materials

William Wilson, County Manager - for group participation

6. Rationale for choosing BMP and setting measurable goal(s): This BMP will be used to inform the public that disposing of waste down a stormwater sewer system will directly impact the quality of the environment around them.

Appendix 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-stormwater discharges into your storm sewer system and implement appropriate enforcement procedures and actions;
- C) Develop and implement a plan to detect and address non-stormwater discharges, including illegal dumping to your system; and
- D) Inform public employees, businesses, and the general public of hazards associated with discharges and improper disposal of waste.

A. Storm Sewer Map

- 1. Does the MS4 have a completed storm sewer map showing the location of all outfalls and the names and location of all waters of the State that receive discharges from those outfalls? Yes _____ No X .

If yes, submit the storm sewer system map as an addendum to this form.

- 2. If the storm sewer system map must be developed, provide a schedule for completion (e.g. 30% of system to be mapped each year):

<u>Task</u>	<u>Interim Date</u>
Map 100% Outfalls in urbanized area	Nov 2006

Final completion date / date for submittal to EDP (No later than December 9, 2006):

B. Ordinance / Regulatory Mechanism Evaluation

1. Does the MS4 have an ordinance or regulatory mechanism that effectively prohibits illicit discharges? Yes _____ No X.

If yes, submit a copy as an addendum to this form.

2. If an evaluation of the ordinance / regulatory mechanism must be completed, or the MS4 is aware that the ordinance / regulatory mechanism will require revision, then a schedule for development of the document should be provided:

<u>Task</u>	<u>Interim Date</u>
SWMP Ordinance	June 30, 2006

Final completion date / date for submittal to EPD (No later than December 9, 2006): N/A

C. Best Management Practice (BMP) #1 – Industry Database

1. Target audience: N/A
2. Description of BMP: By working closely with the City of Griffin Water and Sewer Department and the Spalding County Water Authority, the County will establish an individual database that identifies various industries and activities that could potentially produce an illicit discharge within the urbanized area. This database will be incorporated into the watershed maps to help identify future monitoring locations and identify areas of concentrated industrial activities within the County that could potentially impact water quality. The industry database will include facilities identified on the State's and EPA listed facilities. Specific industry/facility criteria for identifying industries includes: hazardous waste facilities, CERCLA, RCRA, facilities with SARA Title III chemicals, industrial facilities that have applied for coverage under Georgia's NPDES Industrial Stormwater Permit and UST/LUST sites. The County will use the data gathered from the database to prioritize areas for dry weather screening.
3. Measurable Goal(s): The County will develop an industry database. The County will locate the facilities in GIS (ArcView) for presentation and use in determining areas of interest for the dry weather screening program. The database will be updated semi-annually.
4. Schedule:

- a. Interim Milestone Dates:
 - b. Implementation Date:
 - Aug 2004 (Complete database)
 - Oct 2004 (Complete database incorporation in GIS)
 - c. Frequency of actions:
 - Update database semi-annually
 - d. Month/Year of each action (if applicable):
 - Aug 2004 (Complete database)
 - Oct 2004 (Complete database incorporation in GIS)
 - Feb 2005 (Update database)
 - Aug 2005 (Update database)
 - Feb 2006 (Update database)
 - Aug 2006 (Update database)
 - Feb 2007 (Update database)
5. Person (position) responsible for overall management and implementation of the BMP: Jake Garner, Public Works Director
 6. Rationale for choosing BMP and setting measurable goal(s): The County has a few industrial facilities within its corporate limits. Identifying the industrial facilities that have significant materials in their manufacturing activity that are exposed to precipitation is the first step to understanding where potential problems might exist. This data will be utilized in the dry weather screening program to aid in identifying initial areas for inspection and monitoring.

D. Best Management Practice (BMP) #2 – Dry Weather Screening Program

1. Target audience: N/A
2. Description of BMP: The County will establish a dry weather screening program that will identify and address illicit discharges in the urbanized area. The plan will include: outfall inspection and sampling any dry weather flows to determine if pollutants in non-stormwater flows are discharging into the drainage system. Spalding County staff will develop procedures to conduct dry weather screening at selected outfalls. The dry weather screening procedures will include the following information:

- What constitutes dry weather flow (i.e. any flow after 72 hours without a significant rain event of over 0.1")
- Parameters to be sampled for if dry weather flow is detected
- Acceptable baseline limits for chosen parameters
- Equipment to be used in sampling
- Identify field sampling team
- QA/QC procedures
- Staff Training
- Laboratory to be used for sampling
- Sampling schedule
- Procedure for reporting a potential illicit discharge

After the dry weather screening program has been developed, it will be submitted to EPD for review and approval. When the program is approved by EPD, it will be implemented. As outfalls are mapped for the MS4, they will be sampled according to the approved procedures. After the mapping is completed, County staff will determine the outfall locations that will be sampled annually as part of the final dry weather screening program. Outfalls will be chosen as follows:

- Results from the initial dry weather screening that indicated a potential water quality issue
- Located within the urbanized area
- Proximity to 303(d) listed waters
- Located in industrialized area

If a dry weather flow is detected and is above any of the sampling parameters acceptable limits, the County will initiate the source tracing and removal program (Appendix C, BMP # 3).

3. Measurable Goal(s): The measurable goals of this BMP include developing the dry weather screening program and training of numerous County entities (i.e. County staff and Environmental Health Department) to screen dry weather outfalls.
4. Schedule:
 - a. Interim Milestone Dates (if applicable):
 - Oct 2004 (Develop dry weather screening)
 - Dec 2004 (Begin Training Program)
 - Dec 2006 (Choose locations of outfalls to be sampled)
 - b. Implementation Date (if applicable):

Nov 2004 (Submit to EPD)
Jan 2005 (Begin dry weather screening)
Dec 2006 (Submit location to EPD in annual report)
Jan 2007 (Begin sampling of approved locations)

- c. Frequency of actions (if applicable):

Inspect chosen outfalls annually

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

Oct 2004 (Develop dry weather screening)
Nov 2004 (Submit to EPD)
Dec 2004 (Begin Training Program)
Jan 2005 (Begin dry weather screening)
Dec 2006 (Choose locations of outfalls to be sampled)
Dec 2006 (Submit location to EPD in annual report)
Jan 2007 (Begin sampling of approved locations)

5. Person (position) responsible for overall management and implementation of the BMP: Paragon Consulting Group
6. Rationale for choosing BMP and setting measurable goal(s): This BMP will use County staff to screen outfalls for illicit dry weather discharge. This BMP meets specific requirement of the NPDES Phase II MS4 permit.

E. Best Management Practice (BMP) #3 – Source Tracing and Removal Procedures

1. Target audience: N/A
2. Description of BMP: Once the County has detected an illicit discharge through the dry weather screening program, it will be the responsibility of the County to attempt to find the source and take action to remove or correct what is causing the illicit discharge. To locate the source of the illicit discharge, the County will use the following techniques:
- Visual inspection
 - Additional field sampling
 - Stormwater inspection
 - Dye testing

Upon detection of a potential illicit discharge, County staff will visually inspect upstream of the outfall in question to search for evidence indicating the source of the illicit discharge or illegal dumping. If the

upstream search does not provide definitive evidence of the source, the County may perform one or all of the previous listed techniques.

To locate the upstream source with field sampling, the County will take samples at storm sewer connections and convergences. The County will work their way upstream until the source is located.

The County may also elect to perform a stormwater site inspection at a facility suspected of having an illicit connection. A standard stormwater inspection checklist will be developed for use during these site inspections. During inspection, dye testing may be performed to determine if there is a tie-in. Potential illegal connections, such as floor drains, will be investigated as part of this inspection process.

Dye testing may also be performed if the suspected illicit connection is likely to be an illegal sanitary sewer line tie-in, i.e. sampling revealed high levels of fecal coliform, detergent, or high conductivity. In dye testing, non-toxic fluorescent dye is flushed down a toilet or sink, and if the dye appears in the storm sewer system, then an illegal tie-in is confirmed.

When an illicit source is identified, Spalding County Code Enforcement Officer will responsible for enforcing the illicit discharge provision of the Water Resource Ordinance. These regulations will give the County the authority to require parties illegally discharging to the MS4 to remove the illicit connection as well as penalize violators of the ordinance. The enforcement actions will be included in the Water Resources Ordinance to be developed and adopted by November 2004. A copy of the Ordinance will be included in the December 2004 annual report.

3. Measurable Goal(s): The measurable goals of this BMP include development of an inspection checklist, and investigation and removal of 100% of suspected outfalls.
4. Schedule:
 - a. Interim Milestone Dates (if applicable):
 - Nov 2004 (Develop Ordinance)
 - Dec 2004 (Develop checklist)
 - Dec 2006 (Choose locations of outfalls to be sampled)
 - b. Implementation Date (if applicable):
 - Dec 2004 (Submit Ordinance to EPD in annual report)
 - Jan 2005 (Begin dry weather screening)

Jan 2007 (Inspect and remove suspected illicit discharges discovered during dry weather screening)

- c. Frequency of actions (if applicable):

Inspect chosen outfalls annually

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

Nov 2004 (Develop Ordinance)

Dec 2004 (Develop checklist)

Dec 2004 (Submit Ordinance to EPD in annual report)

Jan 2005 (Begin dry weather screening)

Dec 2006 (Choose locations of outfalls to be sampled)

Jan 2007 (Inspect and remove suspected illicit discharges discovered during dry weather screening)

5. Person (position) responsible for overall management and implementation of the BMP: Paragon Consulting Group
6. Rationale for choosing BMP and setting measurable goal(s): By locating and removing illicit discharge, the water quality in the local environment will be improved.

F. Best Management Practice (BMP) #4 – Information on Hazards of Improper Waste Disposal

1. Target audience: General Public / Citizens of Spalding County
2. Description of BMP: The County will include information on the County's stormwater website that lists the hazards of improper waste disposal. This information will include the proper disposal of fertilizers and containers for chemicals and pesticides used around the home.
3. Measurable Goal(s): To have information on the hazards of improper waste disposal on the County's stormwater website. The County will update this information yearly.
4. Schedule:
- a. Interim Milestone Dates (if applicable):
- Jul 2004 (Collect information on hazards of improper waste disposal and proper disposal methods)

- b. Implementation Date (if applicable):
Sep 2004 (Include information on the County's stormwater webpage)
 - c. Frequency of actions (if applicable):
Yearly information update
 - d. Month/Year of each action (if applicable):
Jul 2004 (Collect information on hazards of improper waste disposal and proper disposal methods)
Sep 2004 (Include information on the County's stormwater webpage)
Sep 2005 (Update information on website)
Sep 2006 (Update information on website)
5. Person (position) responsible for overall management and implementation of the BMP: William Wilson, County Manager
6. Rationale for choosing BMP and setting measurable goal(s): To inform the public on the hazard of improper waste disposal.

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 that may cause adverse impacts to water quality, such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste, at the construction site;
- 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.

A. Ordinance Evaluation

1. Does the MS4 have an ordinance which is adequate to require erosion and sediment controls at construction sites? Yes X No

If no, see item #3.

2. Does the ordinance include sanctions for failure to comply with erosion and sediment control requirements? Yes X No

If no, see item #3.

3. If an evaluation of the ordinance must be completed, or the MS4 is aware that the ordinance will require revision, a schedule for development of the document should be provided:

<u>Task</u>	<u>Interim Date</u>
Adopt Ordinance	July 1, 2004

Final completion date / date for submittal to EPD (No later than July 1, 2004): N/A

B. Best Management Practice (BMP) #1 – Enhanced Record Keeping

1. Target audience: N/A
2. Description of BMP: The County will maintain a compliance database of erosion and sedimentation violations for construction activities. This database will be used to establish the specific actions taken on each site and to ensure that the issues have been resolved in a timely manner. The information compiled will be posted on the County's website for review of interested stakeholders.
3. Measurable Goal(s): The measurable goal for this BMP will be the implementation of the database and tracking the number of complaints, inspections, and enforcement actions logged each year. The dates for the receipt of complaints and subsequent investigations will be logged to further document measurable goals of the BMPs in this appendix.
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable):
July 2004 (Start database)
 - c. Frequency of actions (if applicable):
Update database monthly
 - d. Month/Year of each action (if applicable):
July 2004 (Start database)

5. Person (position) responsible for overall management and implementation of the BMP: Chuck Taylor, Community Development Department Director
6. Rationale for choosing BMP and setting measurable goal(s): The County currently has an inspection program for erosion and sedimentation control and the information is regularly posted on the County website. This program will utilize the data to ensure comprehensive enforcement of the ordinance throughout the County.

C. Best Management Practice (BMP) #2 – Erosion Control Plan Review

1. Target audience: N/A
2. Description of BMP: The process of how erosion and sediment control plans are reviewed is as follows:
 - A. Plans are submitted to the Community Development Office by the developer or owner.
 - B. Plans are sent to the Natural Resource Conservation Service (NRCS) McDonough Office for review. Plans are also internally reviewed by the County's Senior Planner.
 - C. Comments requesting revisions or approval notification are sent to the Community Development Office by NRCS.
 - D. If revisions are required, repeat steps A – C, or Land Disturbing Permit is issued after plans are approved by the Administrative Officer.

The County uses a checklist to review plan. The checklist is attached following this BMP.

The County must review all plans within 21 days from the time that the plans are submitted.

3. Measurable Goal(s): Review all plans except those exempt by section III of the County's Erosion and Sediment Control Ordinance. Record number of plans reviewed, denied, and approved. Have qualified personnel review the plans.
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable):

July 2004 (Review all plans except those exempt by section III of the County's Erosion and Sediment Control Ordinance.)

- c. Frequency of actions (if applicable):

Track plans approved and denied annually

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

July 2004 (Review all plans except those exempt by section III of the County's Erosion and Sediment Control Ordinance.)

Dec 2004 (Track plans approved and denied)

Dec 2005 (Track plans approved and denied)

Dec 2006 (Track plans approved and denied)

5. Person (position) responsible for overall management and implementation of the BMP: Chuck Taylor, Community Development Department Director
Lee Craig, Senior Planner
Stephen Cook, NRCS McDonough Office
Eric Mallard, Building Inspector
6. Rationale for choosing BMP and setting measurable goal(s): This is required by law.

D. Best Management Practice (BMP) #3 – Erosion Control Site Inspections

1. Target audience: N/A
2. Description of BMP: The County will require the use of appropriate perimeter erosion control measures and BMP's throughout the site. The County Building Inspector, Senior Planner, Community Development Director, or Building Official will also inspect all construction sites at least **weekly** and compare their erosion control to that on the approved erosion control plans. Sites with past violations will be inspected after rainfalls greater than 0.5 inches. The County will keep records of violations and when sites are brought back into compliance.
3. Measurable Goal(s): Inspect all sites with erosion and sediment control plans that have been approved by the County weekly. Sites with previous violations will be inspected after rainfalls greater than 0.5 inches. The number of inspection and the actions taken will be tracked as required in Appendix D, BMP #1.
4. Schedule:
 - a. Interim Milestone Dates (if applicable): N/A
 - b. Implementation Date (if applicable):

July 2004 (inspect all sites with E&S plan that has been approved by the County **weekly**)
 - c. Frequency of actions (if applicable):

Track number of sites inspected, number of violations issued, and when sites are brought back into compliance annually.
 - d. Month/Year of each action (if applicable):

July 2004 (inspect all sites with E&S plan that has been approved by the County **weekly**)
Dec 2004 (Track inspections)
Dec 2005 (Track inspections)
Dec 2006 (Track inspections)

5. Person (position) responsible for overall management and implementation of the BMP: Chuck Taylor, Community Development Director
6. Rationale for choosing BMP and setting measurable goal(s): To ensure that construction sites implement and maintain erosion and sediment control measures per the approved plans as a minimum, and to ensure that the erosion and sediment control practices are maintained as required. This BMP will also allow for additional measures to be implemented based on field inspections during the project.

E. Best Management Practice (BMP) #4 – Erosion Control Violation Plan

1. Target audience: N/A
2. Description of BMP: The County will inspect on a weekly basis the sites with land disturbing activities for which permits have been issued to determine if the erosion and sediment controls have been installed and are functioning per the approved plans. If the site is in violation of the approved Erosion and Sediment Control Plan, the County will act according to the following procedure:

Minor Violations

- A. Notification to correct by signs on property and letters to owner/developer within 5 working days.
- B. Reinspection – if corrected, no further action; if not corrected proceed to step C.
- C. Deemed to be in violation at this point: Notification to correct by signs on property and letter to owner/developer within 5 working days.
- D. Reinspection – if corrected, no further action; if not corrected proceed to step E.
- E. Stop Work Order issued (only work to bring site into compliance with Erosion and Sedimentation Control Ordinance will be permitted).
- F. Reinspection – if corrected, no further action; if not corrected proceed to step G.
- G. Citation issued with requirement to appear in Magistrate Court.

Major Violations (encroachment of buffer or silt released into state waters)

- A. Notification by signs on property and letter to owner with immediate correction required along with a Stop Work Order (only work to

bring site into compliance with Erosion and Sedimentation Control Ordinance will be permitted).

- B. Reinspection – if corrected, no further action; if not corrected, proceed to step C.
- C. Citation issued with requirement to appear in Magistrate Court.

The County Erosion and Sediment Control Ordinance allows fines up to \$1,000 per day for each violation for subdivision and commercial development, and up to \$250 per day for each violation for residential developments.

3. Measurable Goal(s): The County will follow the above enforcement procedures for all sites with identified violations. The number of violations and enforcement actions will be tracked as required in Appendix D, BMP #1. This will help ensure that all violations are dealt with in the same manor.

4. Schedule:

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

b. Implementation Date (if applicable):

July 2004 (Erosion Control Violation Plan used on 100% of violations)

c. Frequency of actions (if applicable):

Track number of violations issued, and when sites are brought back into compliance annually.

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

July 2004 (Erosion Control Violation Plan used 100% of sites)
Dec 2004 (Track Violations)
Dec 2005 (Track Violations)
Dec 2006 (Track Violations)

5. Person (position) responsible for overall management and implementation of the BMP: Chuck Taylor, Community Development Department Director

6. Rationale for choosing BMP and setting measurable goal(s): This is required by law.

F. Best Management Practice (BMP) #5 – Public Construction Site Hotline

1. Target audience: General Public of Spalding County
2. Description of BMP: The County will use the phone number for the Community Development Office, (770) 467-4220, for the construction site hotline. Reports can also be filed at the stormwater hotline, (770)-467-4775, the complaints will be forwarded immediately to Community Development Department. The construction site hotline number along with an e-mail address will be posted on the County's Website, and will also be posted in the Library of Educational Materials Erosion & Sedimentation Flyer for Construction Activity (Appendix A, BMP#1). Once a citizen calls or e-mail in about a possible violation occurring at a construction site, the County will input the call details into its database. The County will record the type of violation, location and/or name of site, and the time the violation was identified. The County will send the Senior Planner, Community Development Director, Building Inspector, or the Building Official to inspect the construction site within one week. If violations are found on site, County personnel will record the violations and follow steps from Erosion Control Violation Plan (Appendix D, BMP #4).
3. Measurable Goal(s): The County will investigate all complaints within one week of receipt. The number of complaints, investigations, and dates of inspections will be tracked as part of Appendix D, BMP #1.
4. Schedule:
 - a. Interim Milestone Dates (if applicable):

July 2004 (Track calls about construction site erosion and sediment control violations)
 - b. Implementation Date (if applicable):

July 2004 (Investigate 100% of complaints within 1 week of receipt)
 - c. Frequency of actions (if applicable):

Track the number of calls received about construction site violations, date and time of inspection, and action taken yearly.
 - d. Month/Year of each action (if applicable):

July 2004 (Investigate 100% of complaints within 1 week of receipt)

July 2004 (Track calls about construction site erosion and sediment control violations)

Dec 2004 (Track the number of calls received about construction site violations, date and time of inspection, and action taken)

Dec 2005 (Track the number of calls received about construction site violations, date and time of inspection, and action taken)

Dec 2006 (Track the number of calls received about construction site violations, date and time of inspection, and action taken)

5. Person (position) responsible for overall management and implementation of the BMP: Chuck Taylor, Community Development Department Director
6. Rationale for choosing BMP and setting measurable goal(s): This is a cost effective way of additional monitoring of construction sites.

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.

A. Ordinance Evaluation

1. Does the MS4 have an ordinance that effectively controls runoff from new development or redevelopment construction sites?
Yes _____ No _____ X _____.

If yes, submit a copy as an addendum to this form.

2. If an evaluation of the ordinance must be completed, or the MS4 is aware that the ordinance will require revision, then a schedule for development of the document should be provided:

<u>Task</u>	<u>Interim Date</u>
Revise Ordinance	Jun 2006

Final completion date / date for submittal to EPD (No later than December 9, 2006): N/A

B. Best Management Practice (BMP) #1 – Adoption of Stormwater Design Manual

1. Target audience: N/A
2. Description of BMP: The County will adopt a stormwater design manual to replace the general stormwater sections of Appendix A (Subdivision Ordinance) and Appendix J (Commercial Ordinance) of the Spalding County Unified Development Ordinance (UDO). Presently the UDO defers to the Georgia State Stormwater Design Manual concerning “Timing Studies” related to detention in certain basins; therefore, the adoption of this manual may be the logical choice. Spalding County would, however, like to keep the option of looking at the Stormwater Ordinances of several local municipalities in this area before making a final decision. The UDO is presently utilized for the review of development drawings submitted to Spalding County including hydrology studies and drainage design. The new manual would take the place of the sections of the ordinance previously noted that are utilized in the review process. One requirement of the new ordinance is that it satisfies the requirements for water quality noted as part of Appendix F – Pollution Prevention / Good Housekeeping for Municipal Operations BMP #5 – Flood Management Assessment.

Measurable Goal(s): Selection of a stormwater design manual and then the subsequent adoption of the stormwater design manual selected. The stormwater design manual will be used on 100% of new projects.

3. Schedule:
 - a. Interim Milestone Dates (if applicable):
Jun 2005 (Choose new stormwater design manual)
 - b. Implementation Date (if applicable):
Jul 2005 (Adoption of new stormwater design manual)
Jul 2005 (Use stormwater design manual on 100% of new projects)
 - c. Frequency of actions (if applicable): N/A
 - d. Month/Year of each action (if applicable):
Jun 2005 (Choose new stormwater design manual)
Jul 2005 (Adoption of new stormwater design manual)
Jul 2005 (Use stormwater design manual on 100% of new projects)

4. Person (position) responsible for overall management and implementation of the BMP: William Wilson, County Manager
5. Rationale for choosing BMP and setting measurable goal(s): To provide developers and engineers with a more concise stormwater management design document to be utilized in the preparation of plans, including the hydrology and hydraulic design of new developments. Also, the requirements set forth in Appendix F, BMP #5 will be achieved relating to water quality requirements for detention facilities.

C. Best Management Practice (BMP) #2 – Detention Pond Inspection and Maintenance Program

1. Target audience: N/A
2. Description of BMP: The County has not required annual post construction inspection of detention ponds in the past but has mandated in the Unified Development Ordinance (UDO) that detention ponds be utilized to control increases in the post development discharge rates to at or below the pre-developed rates. As such, the County will implement a post construction detention pond inspection program to monitor the condition of detention ponds.

An inventory of existing detention basins will be developed and any new detention facility will be added to the inventory when the development is added to the County GIS database. Currently all new developments have to be submitted in a digital format enabling it to be entered into the GIS database. The County will begin an inspection and maintenance program after developing procedure guidelines for the inspections.

3. Measurable Goal(s): The goal of this BMP will be the successful implementation of a long term inspection and maintenance program for existing and future detention facilities.
4. Schedule:
 - a. Interim Milestone Dates (if applicable):
 - Sep 2004 (Develop procedure for detention pond inspection program)
 - Mar 2005 (Develop Inventory of existing detention ponds)
 - May 2005 (Develop map of existing detention ponds)
 - b. Implementation Date (if applicable):

Oct 2004 (Submit procedure for detention pond inspection program to EPD)

Jul 2005 (Begin checking all detention ponds annually)

c. Frequency of actions (if applicable):

Annually

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

Sep 2004 (Develop procedure for detention pond inspection program)

Oct 2004 (Submit procedure for detention pond inspection program to EPD)

Mar 2005 (Develop Inventory of existing detention ponds)

May 2005 (Develop map of existing detention ponds)

Jul 2005 (Begin checking all detention ponds annually)

Jul 2006 (Begin checking all detention ponds annually)

5. Person (position) responsible for overall management and implementation of the BMP: William Wilson, County Manager

6. Rationale for choosing BMP and setting measurable goal(s): The County is experiencing significant growth due to the growth of the metropolitan Atlanta region. In order to ensure that detention ponds continue to function at an acceptable operational level of service, the inspection program will be implemented to monitor functionality of the existing and future detention ponds.

Appendix F

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.

A. Best Management Practice (BMP) #1 – NPDES Industrial Stormwater Permit Notice of Intent (NOI) Submittal and SWPPP Implementation

1. Target audience: N/A
2. Description of BMP: As part of compliance with the NPDES Industrial Stormwater Permit (ISP) program, the County will identify those County facilities that would qualify as industrial activities and prepare and submit a NOI for coverage under the ISP permit.
3. Measurable Goal(s): NOI(s) were submitted March 10, 2003 for each County facility requiring coverage under the general permit. Facilities submitted for coverage included the County Borrow Site, County Maintenance Facility, County Recycling Center, Ambucs Park and Tyus Park. To all previous listed sits in compliance with the Stormwater Prevention Pollution Plan (SWPPP).
4. Schedule:
 - a. Interim Milestone Dates (if applicable):

Mar 2003 (Submittal for permit coverage / **Completed**)
Oct 2003 (BMP implementation / **Completed**)
Oct 2004 (SWPPP Compliance)
Oct 2005 (SWPPP Compliance)
Oct 2006 (SWPPP Compliance)
Oct 2007 (SWPPP Compliance)
 - b. Implementation Date (if applicable): N/A
 - c. Frequency of actions (if applicable):

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

Mar 2003 (Submittal for permit coverage / **Completed**)

Oct 2003 (BMP implementation / **Completed**)
Oct 2004 (SWPPP Compliance)
Oct 2005 (SWPPP Compliance)
Oct 2006 (SWPPP Compliance)
Oct 2007 (SWPPP Compliance)

5. Person (position) responsible for overall management and implementation of the BMP: Jake Garner, Public Works Director
6. Rationale for choosing BMP and setting measurable goal(s): The County must comply with the requirements of the NPDES ISP beginning March 10, 2003 because the existing ISTEA exemption will no longer be allowed for government facilities.

B. Best Management Practice (BMP) #2 – Hazardous Materials Training

1. Target audience: Employees of Spalding County
2. Description of BMP: Spalding County has two departments, Public Works and Parks and Recreation Department, which have the potential to send pollution to the MS4. To help reduce the chance that County personnel will produce pollution, the County will develop a training program for current and new employees who have a reasonable opportunity to produce pollution. The training program will be conducted annually for current employees and will be given to new employees within in 90 days of employment.

The training will include an initial comprehensive training for all identified employees to update and inform them concerning how the NPDES Phase II program affects them and why actions such as SWPPP measures have been constructed at the facilities where they work. The function of these facilities (the closing of pipe valves/gates etc.) needs to be relayed to the employees so that they are aware of what to do in the event of a spill at their facility. The training programs will also be expanded to include annual training sessions to update the personnel on new government regulations that may have been implemented during the year.

3. Measurable Goal(s): The goals of this BMP are to develop a training program, develop a training checklist, and train all current employees annually and new employees within 90 days of employment
4. Schedule:
 - a. Interim Milestone Dates (if applicable):
Mar 2005 (Develop training program)

Mar 2005 (Develop training checklist)

b. Implementation Date (if applicable):

Apr 2005 (Submit training program to EPD)

May 2005 (Begin training program)

Dec 2005 (Track number of person trained)

c. Frequency of actions (if applicable):

Track the number of persons trained and conduct a yearly training session.

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

Mar 2005 (Develop training program)

Mar 2005 (Develop training checklist)

Apr 2005 (Submit training program to EPD)

May 2005 (Begin training program)

Dec 2005 (Track number of person trained)

May 2006 (Annual training program)

Dec 2006 (Track number of person trained)

May 2007 (Annual training program)

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

Jake Garner, Public Works Director

T.J. Imberg, Parks and Recreation Department

6. Rationale for choosing BMP and setting measurable goal(s): This BMP is being established to ensure proper handling of hazardous materials and to lessen the potential for illicit discharges.

C. Best Management Practice (BMP) #3 – Illegal Dumping Control

1. Target audience: N/A

2. Description of BMP: The County currently has a system in place to control illegal dumping. The County's Code Enforcement Officer regularly patrols areas where illegal dumping occurs. When the officer spots or is informed where illegal dumping has occurred, they will clean the area, and search for any information in the debris that could help identify the perpetrator. The trash collected from the illegal dumping site will be bagged and disposed of at a landfill. If the identity can be determined, the perpetrator will be prosecuted.

3. Measurable Goal(s): The County will continue with the current system of dealing with illegal dumping, and will record the number of people prosecuted each year.
4. Schedule:
 - a. Interim Milestone Dates (if applicable):
 - b. Implementation Date (if applicable):
 - Jan 2004 (Continue with illegal dumping procedures / **Completed**)
 - Dec 2004 (Record number of people prosecuted)
 - c. Frequency of actions (if applicable):
 - Yearly record number of people prosecuted
 - d. Month/Year of each action (if applicable):
 - Jan 2004 (Continue with illegal dumping procedures / **Completed**)
 - Dec 2004 (Record number of people prosecuted)
 - Dec 2005 (Record number of people prosecuted)
 - Dec 2006 (Record number of people prosecuted)
5. Person (position) responsible for overall management and implementation of the BMP: Jake Garner, Public Works Director
6. Rationale for choosing BMP and setting measurable goal(s): By identifying and eliminating illegal dumping areas, the County can minimize the potential for pollutants from the waste from entering the County's MS4 and waters of the state.

D. Best Management Practice (BMP) #4 – MS4 Inspection Program

1. Target audience: N/A
2. Description of BMP: The County's growth has caused a significant expansion of the County's stormwater management infrastructure. To ensure long-term functionality of this infrastructure, a MS4 inspection and maintenance program will be implemented in the urbanized area.
3. Measurable Goal(s): Measurable goals for the implementation of this BMP will include development of an infrastructure inspection procedure,

checklist for inspecting drainage systems, identifying major drainage systems, and inspecting applicable drainage systems.

4. Schedule:
 - a. Interim Milestone Dates:

June 2004 (Develop inspection and maintenance Procedure)
 - b. Implementation Date:

July 2004 (Submit Procedure to EPD)
August 2004 (Begin MS4 inspection)
 - c. Frequency of actions:

Inspect every five years
 - d. Month/Year of each action:

June 2004 (Develop inspection and maintenance Procedure)
July 2004 (Submit Procedure to EPD)
August 2004 (Begin MS4 inspection)
5. Person (position) responsible for overall management and implementation of the BMP: Jake Garner, Public Works Director
6. Rationale for choosing BMP and setting measurable goal(s): This BMP will allow the County to ensure long term maintenance of the County's MS4 as well as identifying potential water quality problems and future areas for capital improvement projects.

E. Best Management Practice (BMP) #5 – Existing Pond Water Quality Assessment

1. Target audience: N/A
2. Description of BMP: The County will develop a plan for assessing existing detention ponds for water quality retrofit. The plan will include the following:
 - How to determine which ponds will be assessed (i.e. discharge to 303(d) listed waterway)
 - How will ponds be assessed (i.e. visual inspection, sampling)

- How will water quality retrofit be added
- Is the impact worth the cost of a retrofit

After the plan has been developed, it will be submitted to EPD for review and approval. Upon approval, the County will begin review of existing detention ponds for water quality retrofit.

3. Measurable Goal(s): Develop a plan to evaluate existing detention ponds for their performance. Inspect 100% of all existing detention ponds that meet criteria to be assessed and are located in the urbanized area.

4. Schedule:

a. Interim Milestone Dates:

Sep 2004 (Develop procedure for evaluating existing pond performance and new pond performance related to water quality)

Jan 2005 (Begin detention pond inspection)

b. Implementation Date:

Oct 2004 (Submit procedure to EPD for review)

Jul 2006 (Complete evaluation of all existing ponds)

c. Frequency of actions: N/A

d. Month/Year of each action:

Sep 2004 (Develop procedure for evaluating existing pond performance and new pond performance related to water quality)

Oct 2004 (Submit procedure to EPD for review)

Jan 2005 (Begin detention pond inspection)

Jul 2006 (Complete evaluation of all existing ponds)

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

William Wilson, County Manager

Chuck Taylor, Community Development Director

6. Rationale for choosing BMP and setting measurable goal(s): This BMP will assist the County in identifying and prioritizing which detention ponds, if any, need to be redesigned.

F. Best Management Practice (BMP) #6 – New Pond Flood Water Quality Assessment

1. Target audience: N/A
2. Description of BMP: The procedures and guidelines for designing new detention facilities with water quality aspects will be addressed in the new stormwater design manual to be adopted per Appendix E, BMP #1.
3. Measurable Goal(s): Each new detention facility will be required to have a water quality feature incorporated in the design. The number of ponds will be tracked and included in the detention pond inventory.
4. Schedule:
 - a. Interim Milestone Dates:
 - b. Implementation Date:

Jul 2005 (Adoption of new stormwater design manual)
Jul 2005 (Use stormwater design manual on 100% of new projects)
 - c. Frequency of actions: N/A
 - d. Month/Year of each action:

Jul 2005 (Adoption of new stormwater design manual)
Jul 2005 (Use stormwater design manual on 100% of new projects)
7. Person (position) responsible for overall management and implementation of the BMP:

William Wilson, County Manager
Chuck Taylor, Community Development Director
5. Rationale for choosing BMP and setting measurable goal(s): This BMP will ensure that all new ponds are reviewed for water quality impact.

G. Best Management Practice (BMP) #7 – Road Clean Up

1. Target audience: General Public / Citizens of Spalding County
2. Description of BMP: The County currently uses prisoners and state court probationers to clean roads in the urbanized areas. The cleaning by state court probationers occurs 52 weekends per year, weather permitting. On Saturday they work 8 hours and on Sunday they work 6 hours. The

cleaning usually occurs in groups of 28 to 30 people who are able to cover about 10 miles in an 8 hour day. The cleaning occurs in heavily traveled areas both in the City of Griffin and in Spalding County, Work is performed evenly in both areas. On occasions the cleaning will occur in an area that has had problems with illegal dumping. Such projects in the past included cleaning around the reservoir when the water level was low and eliminating localized dump locations in low income areas. The inmate participation in road cleanup includes a designated trash pickup crew that works in conjunction with the roadside mowing crews. This crew picks up debris that is made visible due to the mowing operation. The County roads are mowed a minimum of three times during the growing season of the year. All of the trash that is picked up by the aforementioned groups is bagged at the location and the bags are placed in locations along the route so that they can be picked up by the County and disposed of at the landfill.

3. Measurable Goal(s): Continue with program and estimate weight of trash pickup by probationers and prisoners.

4. Schedule:

a. Interim Milestone Dates: N/A

b. Implementation Date:

Jan 2004 (Continue program / **Complete**)

Dec 2004 (Estimate weight pick up)

c. Frequency of actions:

Record weight yearly

d. Month/Year of each action:

Jan 2004 (Continue program / **Complete**)

Dec 2004 (Estimate weight pick up)

Dec 2005 (Estimate weight pick up)

Dec 2006 (Estimate weight pick up)

5. Person (position) responsible for overall management and implementation of the BMP: William Wilson, County Manager

Rationale for choosing BMP and setting measurable goal(s): This BMP will help reduce the trash going to the MS4 and thus help the water quality in Spalding County's urbanized areas.

H. Best Management Practice (BMP) #7 – Recycling Centers

6. Target audience: General Public / Citizens of Spalding County
7. Description of BMP: The County currently has five recycling centers throughout the County. The recycling centers are open from 7 AM until 7 PM and are manned during this time as well. They will accept most forms of trash (ex. Household trash, heavy scrap metal, light scrap metal, some household appliances, aluminum cans, newspaper, glass, and some plastics). They will not accept construction waste, wood, oil, tires, and appliances containing hazardous materials.
8. Measurable Goal(s): The County will continue to operate the current recycling centers.
9. Schedule:
 - c. Interim Milestone Dates: N/A
 - d. Implementation Date:

Jan 2004 (Continue to operate recycling centers / **Complete**)
 - e. Frequency of actions: N/A
 - f. Month/Year of each action:

Jan 2004 (Continue to operate recycling centers / **Complete**)
10. Person (position) responsible for overall management and implementation of the BMP: William Wilson, County Manager
11. Rationale for choosing BMP and setting measurable goal(s): This BMP will help reduce the trash going to the MS4 and thus improve the water quality in Spalding County. It will also increase the public's education in recycling.

Notes: For the BMP used to describe the required training component of the O&M program, you should provide the name of the target audience(s). One targeted audience must be the MS4 employees.

The MS4 is not limited to implementing only 2 BMPs for each minimum control measure. If additional BMPs are chosen, then you should attach additional sheets as needed.