

Phase II Municipal Separate Storm Sewer System (MS4)
Annual Report
Cover Page

Part I. General Information:

1. Name of Permittee: City of Covington, Georgia
2. Mailing Address: 2194 Emory Street
P.O. Box 1527
Covington, Georgia 30015
3. Contact Person: Tres Thomas, City Engineer, APWD
4. E-Mail Address: TresThomas@cityofcovington.org
5. Telephone Number: (770) 385-2180
6. Reporting Period (Month/Year – Month/Year): 1/2008 – 12/2008

Part II. Proposed Changes to BMPs:

1. Do you plan to add any new BMPs to the GaNOI? Yes ___ No X

If yes, please provide a BMP description, measurable goal, and implementation schedule for each new BMP, using the format in your original GaNOI.

Part III. Stormwater Design Manual:

1. Did you complete adoption of the Georgia Stormwater Management Manual or an equivalent local design manual? Yes X No ___
2. If adoption has been completed, provide the date adoption occurred: October 2004
3. If adoption has not yet been completed, please provide an explanation for the delay and provide the deadline by which the manual adoption will be completed. N/A

Part IV. Certification Statement:

I certify under penalty of law that this document and all attachments were prepared with direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on 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.

Signature: _____

Printed Name: Kim Carter _____

Title: Mayor _____

Date: January 29, 2008 _____

Minimum Control Measure: Public Education and Outreach	
BMP ID Number:	A1
BMP:	Educational Outreach Programs
Measurable Goal(s):	<p><u>Enviroscape</u> Approximately 2,500 4th and 5th grade students attend the ongoing events held at local elementary schools. The existing program will continue on an annual basis. It is also anticipated that the program will be expanded to include students from the middle school (6th, 7th, and 8th grades) by the third year.</p> <p><u>Learning Lab</u> The Learning Lab is currently being used in 3rd, 4th, and 5th grade schools. Approximately 600 students participate in this program each year and the existing program will continue on an annual basis.</p> <p><u>Seymore Green</u> This puppet show is being performed for all age groups. Approximately 7,000 people are entertained and educated by this program each year. The existing program will continue on an annual basis.</p> <p><u>Community Presentations and Exhibits</u> KCNB provides exhibits and conducts presentations, pertaining to water quality or solid waste management, to various organizations throughout the year. Approximately 1,500 people see an exhibition or hear a presentation every year. This program will continue on an annual basis.</p>
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	Yes, Keep Covington Newton Beautiful has continued with each of the above educational programs. Program dates are recorded in the attached backup documentation.
Implementation Schedule: "Hold Annual Event"	
Activities Completed:	Date:
Enviroscape	Various – see attached
Learning Lab	Various – see attached
Seymore Green (Puppet Shows)	Various – see attached
Community Presentations and Exhibits	Various – see attached
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	Each of the above programs were held on an ongoing basis throughout the year,
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	These programs are very effective in reaching and educating City residents
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are necessary at this time.
Activities during next reporting period:	Hold Annual Event

Attached Appendix A1: Presentation dates and Attendance Records from: EnviroScape Outreach, Learning Lab, Seymore Green (Puppet Shows), and Community Presentations.

Minimum Control Measure: Public Education and Outreach	
BMP ID Number:	A2
BMP:	Maintenance and update of stormwater website
Measurable Goal(s):	Stormwater regulations, related events, and tips will be reviewed on a semi-annual basis and updated as necessary. A counter will be added and the number of website "hits" will be monitored.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City maintains their stormwater website, providing stormwater education materials to residents, A visible counter was not initially added to the site, but the City IT department was able to utilize a "manager's console" to track the number of hits on the website. Unfortunately, when the City queried this database for the annual report, they discovered that the "manager's console" had become corrupted, and the user statistics for dates prior to 1/9/09 were not available. The City is currently trying to recover this information from their web host. See attached correspondence documenting the problem, and an example of a typical "manager's console" output showing user statistics since 1/9/08. A visible counter will be added to the site in 2009.
Implementation Schedule:	
<p>The 2008 schedule for this BMP was: "Semi-annual reviews/updates of the website content." The City of Covington has completed the semi-annual reviews, and has determined that to better meet the needs of the Stormwater Program, that a complete website update is necessary. This update has been budgeted and is scheduled for March 2009.</p> <p>The City will be moving to a Sharepoint-based Stormwater webpage. Through the use of Sharepoint, the website content can be more easily updated by the stormwater department without scheduling time for the City IT staff to perform updates. This will allow the department to keep the website current and post pertinent information like regulations and forms so they are easily accessible by the community.</p> <p>In the interim, the City launched an FTP site, and throughout the year has been providing pertinent regulations, forms, and development code to the community through this portal.</p>	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	Semi-annual reviews were completed, and updates have been scheduled.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	The City is excited about the new planned website updates and feel that this system will help them meet the needs of their stormwater program,
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	Nor revisions are needed at this time.
Activities during next reporting period:	Semi-annual reviews/updates of the website content.

Attached Appendix A2: Correspondence with City IT department documenting problems with "manager's console" hits tracking.

Minimum Control Measure: Public Education and Outreach	
BMP ID Number:	A3
BMP:	Video and/or television ads
Measurable Goal(s):	A television advertisement or video, on the local cable station, will be broadcast annually.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	Keep Covington Netwon Beautiful (KCNB) routinely places ads on the Local Announcements Channel (Channel 8). These ads are used to provide stormwater information and to advertise upcoming events. These ads are run throughout the year.
Implementation Schedule:	
The 2008 schedule for this BMP was: "Continue Running Ads." KCNB has continued to run ads on the Local Announcements Channel (Channel 8) on an ongoing basis throughout 2008.	
In addition, other mass media techniques used include e-mail blasts and newspaper articles. Attached, are some examples of stormwater in the local papers in 2008.	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	KCNB has continued to run ads on the Local Announcements Channel (Channel 8) on an ongoing basis throughout 2008.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	Ads will be continued as an educational outlet for the City
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are necessary at this time.
Activities during next reporting period:	Continue Running Ads.

Attached Appendix A3: Stormwater Related Newspaper Articles

Minimum Control Measure: Public Involvement/Participation	
BMP ID Number:	B1
BMP:	Amnesty Day
Measurable Goal(s):	Advertisements will be placed on the radio, in the local newspapers, and in the mail prior to the event. This activity will be held annually.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	In 2008, the annual "Amnesty Day" was increased to a monthly event. Paints, pesticides, and electronics are collected by Keep Covington Newton Beautiful (KCNB) on the first Saturday of each month at the Newton County Landfill.
Implementation Schedule:	
The 2008 schedule for this BMP was: "Advertise the event in September and October & host the event this year." KCNB stepped up the household hazardous waste recycling events in 2008, holding monthly events in lieu of one annual event.	
Collections for 2008 include:	
<ul style="list-style-type: none"> ▪ 1 – 55-gallon drum of pesticides ▪ 4- 55-gallon drums of solvent-based paints ▪ 275 gallons of latex paint ▪ 1,3740 pounds of electronics 	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	KCNB held 12 events in 2008, exceeding the NOI schedule of 1 event.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	This event will be continued at a minimum of once per year.
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are necessary at this time.
Activities during next reporting period:	Advertise the event in September and October & host the event this year.

Minimum Control Measure: Public Involvement/Participation	
BMP ID Number:	B2
BMP:	Great American Cleanup
Measurable Goal(s):	Advertisements will be placed on the radio, in the local newspapers, and in the mail prior to the event. This activity will be held annually.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The Great American Cleanup was continued in 2008 with 2,517 volunteers. The wrap-up report for the event and newspaper articles advertising the event are attached for additional information.
Implementation Schedule:	
The 2008 schedule for this BMP was: "Advertise the event in March and April & host the event this year." This schedule was met.	
Activities Completed:	Date:
Great American Cleanup	April 19, 2008
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The Great American cleanup was hosted on April 19, 2008.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	The current program meets the needs of the City's stormwater program.
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are needed at this time.
Activities during next reporting period:	Advertise the event in March and April & host the event this year.

Attached Appendix B2: Great American Cleanup Wrap-up Report, Articles advertising event from the Covington News and the Newton Citizen.

Minimum Control Measure: Public Involvement/Participation	
BMP ID Number:	B3
BMP:	Rivers Alive
Measurable Goal(s):	This is an annual event usually held in October. The City will attempt to increase attendance at this event by 10% each year.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The Rivers Alive cleanup was held in 2008. A total of 230 volunteers worked to clean up reaches of the Alcovy and Yellow Rivers. The volunteer total increased over the 2007 event. The event tally report and a news article advertising the event are attached.
Implementation Schedule:	
The 2008 schedule for this BMP was: "Continue on-going event ." This schedule was met.	
Activities Completed:	Date:
Rivers Alive	10/18/2008
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The event was continued in 2008.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	This BMP currently meets the needs of the City's stormwater program.
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are necessary at this time.
Activities during next reporting period:	Continue on-going event

Attached Appendix B3: Rivers Alive Tally Report, Article advertising event from the Newton Citizen.

Illicit Discharge Detection and Elimination
Minimum Control Measure

Storm Sewer Map

1. Did you complete development of a storm sewer map, or update an existing map, during this reporting period?

Yes ____ No __X__ (completed in August 2007)
2. If yes, a copy of the map must be submitted as an addendum to this form.
3. If the storm sewer map was not completed or updated during this reporting period, then please answer the following questions:
 - a. Describe any activities conducted during this reporting period towards map development: This map was completed in August 2007. It includes all outfalls and other storm components. Due to limited development in 2008, updates to this map were not necessary.
 - b. Provide the approved schedule from the GaNOI for completing map development: This map was completed in August 2007.
 - c. If the schedule requires modification, please provide the revised schedule: N/A
 - d. If the schedule requires modification, then please explain the reason for the required revision: N/A
4. If you added any new outfalls to the storm sewer system during the reporting period, please provide an inventory of these additional outfalls as an attachment. Due to limited development in 2008, updates to this map were not necessary, see map included with 2007 Annual report.

Illicit Discharge Ordinance

1. Did you complete an evaluation of an existing ordinance or adoption of a new ordinance during this reporting period?

Yes ____ No __X__ (Ordinance was adopted in October 2004)
2.
 - a. If yes, a copy of the enacted ordinance must be submitted as an addendum to this report.
 - b. Date ordinance evaluation was completed or ordinance was adopted: Ordinance was adopted in October 2004, see copy provided with 2004 Annual Report.

3. If the ordinance evaluation or ordinance adoption must still be completed, then please answer the following questions:
 - a. Describe any activities conducted during this reporting period to demonstrate progress towards completing an ordinance evaluation or adoption: N/A
 - b. Provide the approved schedule from the GaNOI for completing the ordinance evaluation or adoption: N/A
 - c. If the schedule requires modification, then please provide the revised schedule: N/A
 - d. If the schedule requires modification, then please explain the reason for the revision: N/A

Minimum Control Measure: Illicit Discharge Detection & Elimination	
BMP ID Number:	C1
BMP:	Comprehensive inventory/map of stormwater management facilities and outfalls within the City
Measurable Goal(s):	The City will continue the inventory and update changes as needed.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City of Covington completed its initial Stormwater Inventory during 2007, identifying a total of 4,965 point elements (inlets, manholes, junction boxes, etc.), 5,993 linear elements (pipes, ditches, swales, and network connectors), 280 outfalls, and 161 detention ponds.
Implementation Schedule:	
The implementation schedule in the NOI for 2008 was: "Inventory new structures as needed". Given the slowdown in development during 2008, update of the stormwater inventory completed during 2008 was not necessary.	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	Changes were not needed to the inventory map in 2008, the map will be updated as needed in 2009.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	The inventory mapping database will be an ongoing project for the City
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No BMP revisions are needed at this time.
Activities during next reporting period:	Inventory new structures as needed

Refer to materials provided with 2007 Annual Report

Minimum Control Measure: Illicit Discharge Detection & Elimination	
BMP ID Number:	C2
BMP:	Comprehensive inventory database of complaints and actions taken in response to complaints regarding illicit discharges
Measurable Goal(s):	The comprehensive inventory database of complaints and actions will be maintained and updated as needed. Illicit discharge statistics will be tracked throughout the year and included in the annual report.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City has an ongoing tracking database for accepting, recording, and responding to illicit discharge and other stormwater complaints.
Implementation Schedule:	
For 2008, the implementation schedule was "Continue complaint inventory database program." The City has met this schedule. Using this database, the attached map was generated, mapping and detailing all Stormwater-related complaints collected, along with their current status.	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City has recorded and responded to all complaints received
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	The current tracking database meets the City's needs
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are necessary at this time.
Activities during next reporting period:	Continue complaint inventory database program.

Attached Appendix C2: The City of Covington Stormwater Complaints (Map)

Minimum Control Measure: Illicit Discharge Detection & Elimination	
BMP ID Number:	C3
BMP:	Illicit discharge detection screening program
Measurable Goal(s):	Twenty percent of these structures will be screened annually.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City of Covington has continued their illicit discharge screening program during 2008, performing 69 inspections, ~25% of City outfalls, exceeding the measurable goal.
Implementation Schedule:	
The NOI activities for 2008 included: "Perform on-going screening and monitoring of commercial, industrial, and high potential areas for illicit discharge connections." The City of Covington has completed these ongoing illicit discharge inspections, see attached completed inspections reports.	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City has performed ongoing screenings in 2008.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	The current BMP is meeting the needs of the City's stormwater program
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are needed at this time.
Activities during next reporting period:	Perform on-going screening and monitoring of commercial, industrial, and high potential areas for illicit discharge connections.

Attached Appendix C3: Completed Illicit discharge detection screening inspections

Construction Site Storm Water Runoff Control
Minimum Control Measure

Erosion and Sedimentation Ordinance

1. Did you complete an evaluation of an existing ordinance or adoption of a new ordinance during this reporting period?

Yes No

2. a. If yes, a copy of the enacted ordinance must be submitted as an addendum to this report. See Attached

b. Date ordinance evaluation was completed or ordinance was adopted: The initial ordinance in compliance with this BMP was adopted in October 2001. Ordinance revisions were needed in 2008 to allow the City to require Performance Bonds, and the ordinance revision was adopted on August 5, 2008. (see attached).

3. If the ordinance evaluation or ordinance adoption must still be completed, then please answer the following questions:

a. Describe any activities conducted during this reporting period to demonstrate progress towards completing an ordinance evaluation or adoption: N/A

b. Provide the approved schedule from the GaNOI for completing the ordinance evaluation or adoption: N/A

c. If the schedule requires modification, then please provide the revised schedule: N/A

d. If the schedule requires modification, then please explain the reason for the revision: N/A

Minimum Control Measure: Construction Site Stormwater Runoff Control	
BMP ID Number:	D1
BMP:	Comprehensive inventory database of complaints and actions taken in response to complaints regarding construction site runoff
Measurable Goal(s):	The comprehensive inventory database of complaints and actions, taken in response construction site runoff, will be maintained, and all construction site runoff complaints will be investigated within a 24-hour period. These statistics will be tracked throughout the year and included in the annual report.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City has an ongoing tracking database for accepting, recording, and responding to construction site runoff and other stormwater complaints.
Implementation Schedule:	
For 2008, the implementation schedule was "Continue complaint inventory database program." The City has met this schedule. Using this database, the attached map was generated, mapping and detailing all Stormwater-related complaints collected, along with their current status.	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City has recorded and responded to all complaints received
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	The current tracking database meets the City's needs
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are necessary at this time.
Activities during next reporting period:	Continue complaint inventory database program.

See Map included with BMP C2: The City of Covington Stormwater Complaints (Map)

Minimum Control Measure: Construction Site Stormwater Runoff Control	
BMP ID Number:	D2
BMP:	Checklists revision for design requirements for erosion and sediment control plans
Measurable Goal(s):	Erosion & sedimentation checklists for plan development will be enforced for new plans submittals and revised as needed. The plans reviewed and approved by the City will be documented and reported in the annual report. All plans will be reviewed in accordance with these checklists.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City continued use of the GSWCC plan review checklists through 2008, reviewing and approving 53 plans for development.
Implementation Schedule:	
<p>The NOI schedule for this BMP included: "Continue use of checklist." Attached, please find the City's GSWCC quarterly reports detailing plans reviewed and approved in 2008. The City completed a successful GSWCC overview of their program during 2008, and received high marks on all program components.</p> <p>At the end of 2008, GSWCC issued new checklists (attached), these checklists will be used beginning January 2009.</p>	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City has continued use of checklists
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	The current checklists meet the needs of the City's Stormwater Program
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are necessary at this time.
Activities during next reporting period:	Continue use of checklist.

Attached Appendix D2: City of Covington GSWCC Quarterly reports 3/2008, 6/2008, 10/2008, and 1/2009; and Revised GSWCC Erosion and Sedimentation & Pollution Control Plan Checklists for Stand Alone Construction Projects, Common Developments, and Infrastructure Projects.

Minimum Control Measure: Construction Site Stormwater Runoff Control	
BMP ID Number:	D3
BMP:	Erosion and sediment control enforcement procedures and additional staff evaluation
Measurable Goal(s):	Erosion & Sedimentation enforcement procedures will be applied to developments as needed. Enforcement action will be taken on all violations. This data will be documented and included in the annual report.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City of Covington maintained their enforcement procedures in 2009. The City performed 2001 Construction Site Stormwater Runoff Control Inspections in 2008, resulting in 5 citations issued.
Implementation Schedule:	
<p>The BMP schedule for 2008 included: "Enforce procedures. Review and develop/adopt changes as needed." The City of Covington maintained their enforcement procedures in 2009. Details of the enforcement efforts are presented within the GSWCC quarterly reports included within BMP D2.</p> <p>In 2008, the City hired additional staff to assist with Construction Site Stormwater Runoff Control and general Stormwater Management. New staff include: Reginald Anderson, Level 2 Design Professional/Plan Reviewer; Jimmy Harper, Level 1b Inspector; Dan Crowe, Level 1b Inspector; and Brad Young who is scheduled for 1B inspector training in January 2009.</p>	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City has continued Construction Site Stormwater Runoff Control enforcement throughout 2008, and has hired additional staff as needed.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	The enforcement procedures currently used meet the needs of the City's Stormwater Management Program
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are needed at this time
Activities during next reporting period:	Enforce procedures. Review and develop/adopt changes as needed.

See GSWCC reports included with BMP D2: City of Covington GSWCC Quarterly reports 3/2008, 6/2008, 10/2008, and 1/2009

Minimum Control Measure: Construction Site Stormwater Runoff Control	
BMP ID Number:	D4
BMP:	Standardized inspection checklists for all City personnel involved with inspection of erosion and sediment control BMPs
Measurable Goal(s):	Erosion & sedimentation inspection checklists will be maintained and revised as needed. All sites will be inspected on a weekly basis. This data will be documented and included in the annual report.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City's adopted Erosion and Sedimentation control checklists were utilized throughout 2008 for a total of 2001 Construction Site Stormwater Runoff Control site inspections. Attached is an example of the City checklist currently in use.
Implementation Schedule:	
The BMP schedule for 2008 included: "Continue use of checklist." The City's adopted Erosion and Sedimentation control checklists were utilized throughout 2008. Details of the enforcement efforts are presented within the GSWCC quarterly reports included within BMP D2.	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City has continued Construction Site Stormwater Runoff Control inspections and the use of the checklists throughout 2008.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	The inspection procedures currently used meet the needs of the City's Stormwater Management Program
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are necessary at this time
Activities during next reporting period:	Continue use of checklist.

See GSWCC reports included with BMP D2: City of Covington GSWCC Quarterly reports 3/2008, 6/2008, 10/2008, and 1/2009

Attached Appendix D4: Example City of Covington Inspection Report.

Post- Construction Storm Water Management
in New Development and Redevelopment
Minimum Control Measure

Post- Construction Ordinance

1. Did you complete an evaluation of an existing ordinance or adoption of a new ordinance during this reporting period?

Yes ____ No X (Ordinance adopted in October 2004)

2. a. If yes, a copy of the enacted ordinance must be submitted as an addendum to this report.

b. Date ordinance evaluation was completed or ordinance was adopted: October 2004, refer to copies provided with 2004 Annual Report.

3. If the ordinance evaluation or ordinance adoption must still be completed, then please answer the following questions:

a. Describe any activities conducted during this reporting period to demonstrate progress towards completing an ordinance evaluation or adoption: N/A

b. Provide the approved schedule from the GaNOI for completing the ordinance evaluation or adoption : N/A

c. If the schedule requires modification, then please provide the revised schedule: N/A

d. If the schedule requires modification, then please explain the reason for the revision: N/A

Minimum Control Measure: Post Construction Stormwater Management in New Development and Redevelopment	
BMP ID Number:	E1
BMP:	Georgia Stormwater Management Manual
Measurable Goal(s):	The standards and specifications of the Georgia Stormwater Management Manual will be enforced on new development.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The Georgia Stormwater Management Manual (GSMM or "manual") was adopted in October 2004, and is the standing stormwater design criteria for Post Construction Stormwater Management in New Development and Redevelopment within the City.
Implementation Schedule:	
The BMP schedule for 2008 included: "Continue use of manual." The manual criteria are the standing stormwater design criteria for Post Construction Stormwater Management in New Development and Redevelopment within the City. All new construction and redevelopment is required to meet the guidelines outlined in this manual.	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City has continued use of the manual as their stormwater design criteria for Post Construction Stormwater Management in New Development and Redevelopment
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	The manual criteria meets the needs of the City's stormwater program
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are needed at this time.
Activities during next reporting period:	Continue use of manual

Minimum Control Measure: Post Construction Stormwater Management in New Development and Redevelopment	
BMP ID Number:	E2
BMP:	Checklist for use in plan reviews to ensure compliance with water quality control and channel protection measures per the Georgia Stormwater Management Manual
Measurable Goal(s):	Checklists, pertaining to the Georgia Stormwater Management Manual, will be used to review future plan submittals.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City has continued use of the Post Construction Stormwater Management checklists previously submitted. Refer to materials included within the 2004 Annual Report for copies of the review checklists.
Implementation Schedule:	
The BMP schedule for 2008: "Continue use of checklist."	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City has continued use of the Post Construction Stormwater Management checklists for New Development and Redevelopment projects.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	The current checklists meet the need of the City's stormwater management program
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are necessary at this time,
Activities during next reporting period:	Continue use of checklist.

Refer to materials provided with 2004 annual report for copies of the standard City Post Construction Stormwater Management plan review checklists.

Minimum Control Measure: Post Construction Stormwater Management in New Development and Redevelopment	
BMP ID Number:	E3
BMP:	Policies and procedures for stormwater system maintenance on public and private properties
Measurable Goal(s):	Policies and procedures for stormwater system maintenance on public and private properties will be maintained and updated as needed.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City has continued implementing the policies and procedures for stormwater system maintenance on public and private properties. Per the City's policies and procedures, the City currently inspects BMPs at sites that were constructed after GSMM implementation, as these sites are required to have an operations and maintenance plan in place. The list of City-inspected sites, which contain one or more BMP, and their current inspection status is attached for reference.
Implementation Schedule:	
The BMP schedule for 2008 included: "Continue review of policies and procedures."	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City continues to implement the Policies and Procedures previously submitted and approved by EPD. Refer to documentation provided within the 2007 annual report for copies of these Policies and Procedures.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	The current policies and procedures meet the needs of the City's stormwater program.
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are necessary at this time.
Activities during next reporting period:	Continue review of policies and procedures.

Attached Appendix E3: Record of BMP inspections performed in 2008 in accordance with City Policies and procedures for stormwater system maintenance on public and private properties, and a map of inspected properties (GSMM locations).

Refer to materials provided with 2007 annual report for copies of the City Policies and procedures for stormwater system maintenance on public and private properties.

Minimum Control Measure: Pollution Prevention/Good Housekeeping	
BMP ID Number:	F1
BMP:	Training program/seminar for City employees in Pollution Prevention/Good Housekeeping
Measurable Goal(s):	All employees exposed to some level of outdoor work will be trained annually.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City held Pollution Prevention Training Sessions on 10/7/08, 10/8/08, and 10/9/08. The training included Stormwater Pollution Prevention and Ground Control. A memo was distributed to applicable City faculties, issued by the City Manager, identifying those employees exposed to some level of outdoor work whose attendance was mandatory. The attendance list from this event, and some of the training materials are attached.
Implementation Schedule:	
The BMP schedule for 2008 included: "Hold annual training program/seminar." The City held Pollution Prevention Training Sessions on 10/7/08, 10/8/08, and 10/9/08	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	Yes, the City held three days of pollution prevention training. Employees exposed to some level of outdoor work were required to attend one of the three sessions.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	The current training program meets the needs of the City's stormwater program.
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are needed at this time.
Activities during next reporting period:	Hold annual training program/seminar.

Attached Appendix F1: Attendance List for Pollution Prevention Training Seminars, Example Training Materials.

Minimum Control Measure: Pollution Prevention/Good Housekeeping	
BMP ID Number:	F2
BMP:	Program for sweeping City-owned facilities, City maintained streets/roads, and catch basin/inlet cleaning within City-owned right-of-way
Measurable Goal(s):	<p>This program is on-going. The City owns two street sweepers which are used to clean all City streets with curb and gutter; approximately 30 miles monthly.</p> <p>The City will inspect 20% of catch basins and inlets structures on an annual basis. Those containing trash and debris will be cleaned in the Spring or Fall of each year.</p>
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	<p>The City has maintained these ongoing programs. A total of 3,030 streets were swept in 2008. See attached report from the City roads department documenting effort expended during 2008 for stormwater system maintenance such including street sweeping.</p> <p>The City has mapped 4,965-point elements in their stormwater infrastructure inventory. These point elements include manholes, catch basins, and other inlet structures. The City has established a goal to inspect at least 20% or around 1,000 structures each year. During 2008, this goal was exceeded with 1,997 inspections completed. See inspection summary report provided with BMP F6.</p>
Implementation Schedule:	
The 2008 schedule for this BMP was "Continue Program." All the above programs were continued with their goals met or exceeded during 2008.	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	All the above programs were continued with their goals met or exceeded during 2008.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	This BMP meets the needs of the City's Stormwater Program
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are necessary at this time.
Activities during next reporting period:	Continue program.

Refer to materials provided with BMP F6 for a summary of stormwater system inspections completed in 2008.

Minimum Control Measure: Pollution Prevention/Good Housekeeping	
BMP ID Number:	F3
BMP:	Monitoring of City-owned facilities for compliance with NPDES regulations for industrial activities
Measurable Goal(s):	Facility inspections will be conducted in accordance with the requirements of the SWPPPs.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City stormwater department oversees compliance for all NPDES Industrial facilities. In February 2008, a required SWPPP overview meeting was held for all facilities (see attached). City stormwater staff performs at least one annual site visit and compliance review at each SWPPP site per year. Examples of the City-required record keeping documents are attached.
Implementation Schedule:	
The 2008 schedule was: "Perform annual site visit and compliance review"	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The above schedule was met for all City-owned NPDES facilities.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	This program meets the needs of the City's stormwater department.
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are necessary at this time.
Activities during next reporting period:	Perform annual site visit and compliance review.

Attached Appendix F3: SWPPP training record and SWPPP reporting forms from the Water Reclamation Facility, a City-owned NPDES Industrial facility.

Minimum Control Measure: Pollution Prevention/Good Housekeeping	
BMP ID Number:	F4
BMP:	Evaluation of existing stormwater management facilities for retrofitting for water quality treatment
Measurable Goal(s):	One to three structures will be evaluated annually.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City of Covington is currently undertaking a regional pond retrofit at Alexander Lake, located along the Alcovy River. Improvements at this Lake are currently being designed but will include, forebay enhancements, dredging, outlet and spillway improvements, lowering the level of the lake and creating a vegetated littoral shelf, and erosion protection downstream of the dam at an exposed sewer crossing. See attached concept figures for the project.
Implementation Schedule:	
The BMP schedule for 2008 was: "Evaluate the potential to retrofit existing facilities and implement where feasible."	
Alexander Lake was identified as a good candidate for retrofit in early 2008. An assessment of the 17-acre lake was completed, and resulted in the selection of the project for design. Design of this project is ongoing, and is expected to be completed in February 2009.	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City evaluated an existing stormwater management facilities for retrofit for water quality treatment, this project was selected for implementation and is currently being designed.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	This has been a successful program for the City.
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are necessary at this time.
Activities during next reporting period:	Evaluate the potential to retrofit existing facilities and implement where feasible.

Attached Appendix F4: Concept Figures for Alexander Lake Retrofit

Minimum Control Measure: Pollution Prevention/Good Housekeeping	
BMP ID Number:	F5
BMP:	Evaluation of proposed stormwater management facilities for water quality treatment
Measurable Goal(s):	New flood management facilities are required to comply with the requirements of the GSMM for water quality treatment.
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	<p>The City has several ongoing BMP projects currently.</p> <ol style="list-style-type: none"> 1) The City is currently constructing a new parking lot at City Hall. This parking lot has bioretention and pond features designed to GSMM criteria. 2) The City is currently constructing a constructed stormwater treatment wetland adjacent to City Hall. This BMP will provide water quality treatment for stormwater discharges from City Hall that were previously untreated. The wetlands were designed to GSMM Criteria 3) The City has contracted for the design of a water quality BMP through a public-private partnership with Golden Razor, a new beauty school in the City. In lieu of onsite detention at the new Golden Razor facility, the developer is paying towards a BMP in a more impacted part of the watershed. The City is also contributing funds to enhance/enlarge the BMP to provide greater treatment capacity. This BMP will be designed to GSMM criteria.
Implementation Schedule:	
<p>The BMP schedule for 2008 was: "Evaluate the potential to retrofit existing facilities and implement where feasible."</p> <p>The City has 3 ongoing new BMP projects that are deigned to GSMM standards and will provide water quality treatment. The City has adopted the GSMM as their stormwater design criteria and will continue to enforce these criteria on both public and City-funded projects.</p>	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The City has incorporated GSMM criteria for all new City-funded designs.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	The City has adopted the GSMM as their stormwater design criteria and will continue to enforce these criteria on both public and City-funded projects.
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are necessary at this time.
Activities during next reporting period:	Continue enforcement.

Attached Appendix F5: Excerpts from Parking Lot and Constructed Wetlands Plan Sets, Newspaper Article from the Covington News highlighting these two projects, and a Contract to authorize work on the Golden Razor BMP project at Covington Gallery.

Minimum Control Measure: Pollution Prevention/Good Housekeeping	
BMP ID Number:	F6
BMP:	Operations and maintenance of publicly and privately owned stormwater management facilities
Measurable Goal(s):	Structures will be maintained in accordance to the Covington Stormwater Management Facilities Operations and Maintenance Plan
Compliance with Measurable Goal:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	<p>The City continued implementation of their Stormwater O&M program, which includes inspection of stormwater management systems within the MS4, notation of maintenance problems, and the repair of noted deficiencies. Refer to documentation provided within the 2007 annual report for copies of these O&M Plan.</p> <p>The attached inspection and maintenance summary details City inspections performed on the stormwater management system, and compares the inspections completed to the goals stated within the O&M plan.</p> <p>City maintenance includes street sweeping and catch basin cleanout (See BMP F3), and Curb and Gutter replacement projects that are handled by the City Streets Department.</p> <p>In addition, the City has completed a number of stormwater infrastructure improvement projects including neighborhood projects at: Avery Street, Carr Circle, Cook Street, Legion Drive, Puckett Street, School Street, Starr Street, and Wood Street. Attached is a newspaper article highlighting one of the City's implemented stormwater improvement projects.</p>
Implementation Schedule:	
The BMP schedule for 2008 was: "Continue Program." The program was successfully continued and all the O&M Plan goals were met or exceeded during 2008.	
Compliance with NOI Schedule:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Explain:	The program was continued in 2008.
Continue BMP:	<input checked="" type="checkbox"/> Continue <input type="checkbox"/> Delete
Explain:	The current O&M program meets is successful for the City.
Revise BMP:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Explain:	No revisions are needed at this time.
Activities during next reporting period:	Continue Program

Refer to materials provided with 2007 annual report for copies of the City Policies and procedures for stormwater system maintenance on public and private properties.

Attached Appendix F6: Stormwater System Inspection and Maintenance Summary and Article from Covington News highlighting a City stormwater infrastructure improvement project.