

STREAM/POND BUFFER ENCROACHMENT

No Stream/Pond Buffers are Impacted by this project.

SEDIMENT BASIN EXCLUSION RATIONALE:

ESTIMATED ACTIVITY SCHEDULE												
	TIME / MONTHS											
	AUG 2013	SEPT 2013	OCT 2013	NOV 2013	DEC 2013	JAN 2014	FEB 2014	MAR 2014	APR 2014	MAY 2014	JUNE 2014	JULY 2014
INSTALL EROSION CONTROL												
CLEARING												
ROADWAY CONSTRUCTION												
PERMANENT GRASSING												
INSTALL SIGNING & MARKING												
MAINTENANCE OF EROSION CONTROL												

DISCHARGES INTO, OR WITHIN ONE LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS, ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT

The following is a summary of project outfalls within 1 mile and within the watershed of an identified impaired Stream Segment that has been listed for criteria violated, "B1o F" (impaired Fish Community), and/or "B1o M" (impaired macro invertebrate community), within Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff).

Outfall Location	Basin Name	Reach Name	Location of the Impaired stream segment as Indicated in the 305b/303d list	Criteria Violated (B1o F or B1o M)	Potential Cause (NP or UR)	Category (4a, 4b or 5)	Numeric waste load allocation for sediment*
Sta 347+70.00 153' RT	Chattahoochee River	Peachtree Creek	Headwaters to Chattahoochee River	B1o F	UR	4a	218.9
Sta 137+00.00, 188' LT	Chattahoochee River	Peachtree Creek	Headwaters to Chattahoochee River	B1o F	UR	4a	218.9
Sta 149+00.00, 229' LT	Chattahoochee River	Peachtree Creek	Headwaters to Chattahoochee River	B1o F	UR	4a	218.9

List the additional BMPs from part III C 2 of GAR 100002 used for this watershed (a minimum of 4 are required) and if part III C 11s applicable discuss how the waste load allocation for sediment is addressed.

- f. Conduct turbidity and Total Suspended Solids (TSS) sampling after every rain event of 0.5 Inch or greater within any 24 hour period, recognizing the exceptions specified in Part IV.D.6.d. of this permit.
- i. Limit the amount of disturbed area at any one time to no greater than 25 acres or 50% of the total planned site, whichever is less.
- m. Apply the appropriate GDOT approved erosion control matting or blankets or bonded fiber matrix to all slopes steeper than 3:1.
- p. Install sod for a minimum 20 foot width, in lieu of seeding, along the site perimeter wherever storm water may be discharged.

MONITORING GENERAL NOTES:

The total site size is 20.60 acres. Representative sampling may be utilized on this project.

The individual outfall drainage basins along the project corridor have been carefully evaluated and compared on the basis of four characteristics: the type of construction activity, the disturbed acreage, the average slope about the outfall, and the soil erosion index 0-10, 10 being the most erodible soil. The construction activity types are repaving, striping, removal of toll equipment and excess pavement. The disturbed area classes are less than or equal to 1 acre, greater than 1 acre to less than 2 acres, and equal to or greater than 2 acres. The average outfall slope is mild if it is equal to or less than 0.03, and steep if it is greater than 0.03. The soil erosion index is low if it is less than or equal to 5 and high if it is greater than 5. After evaluation of these characteristics as presented in the project's drainage area map, hydrology and hydraulic studies, construction plans, geotechnical soil survey, and erosion sedimentation and pollution.

The increase in turbidity at the specified locations in the table below will be representative of similar outfall drainage basins. Approved primary and alternate representative monitored features are identified in the table below.

SAMPLING INFORMATION											OUTFALL CHARACTERISTICS				
Monitored Feature	Primary or Alternate Feature	Location (Sta. and offset)	Name of Receiving water	Applicable construction stage for monitoring	Sampling Type (Outfall or Receiving Water)	Drainage Area for the receiving water (sq mi)	Total Project Area (acres)	Warm or Cold water Stream	Appendix B NTU value (Outfall Monitoring Only)	Allowable NTU Increase (For Receiving Water)	Location Description	Construction Activity	Disturbed Area (acres)	Average Outfall Slope (rise/run)	Soil Erosion Index
1	Primary	347+70.00 153' RT	NANCY CREEK	4	Outfall	21.89	20.60	Warm	100		Ex. 18" RCP/Headwall	Paving, Striping, Excess pmt removal & grading	3.09	0.0250	7.5
2	Primary	137+00 188' LT	NANCY CREEK	4	Outfall	21.89	20.60	Warm	100		Inside proposed manhole, JI	Paving, Striping, Excess pmt removal & grading	1.59	0.0250	7.5
3	Primary	149+00+00 229' LT	NANCY CREEK	4	Outfall	21.89	20.60	Warm	100		Ex. 18" RCP/Headwall	Paving, Striping, Excess pmt removal & grading	1.65	0.0250	7.5

(According to the EPD, additional monitoring sites may be required depending on significant changes during the project)

The primary monitored features specified should be used as the initial sampling locations. An alternate monitored feature may be used if additional sampling is required or to replace a primary monitored feature that is no longer located within the active phase of construction.

DESIGN PROFESSIONAL 7-DAY VISIT CERTIFICATION

Date of Inspection: _____

I certify the site was in compliance with the ES&PC Plan on the date of inspection.

 GSWCC LEVEL II DESIGN PROFESSIONAL CERTIFICATION *

Inspection revealed the following discrepancies from the ES&PC Plan:

These discrepancies must be addressed immediately and a re-inspection scheduled. Work shall not proceed on the site until design Professional Certification is obtained.

6/20/2011
 GSWCC LEVEL II DESIGN PROFESSIONAL CERTIFICATION *
 STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION
 OFFICE: _____
 PROJECT: _____
 DRAWING NO. _____



GSWCC LEVEL II Certification #000007807

REVISION DATES

No.	Date	Description

STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION

OFFICE: _____
ESPC GENERAL NOTES

GA 400 TOLL PLAZA
 DEMOLITION & GP LANE CONVERSION

DRAWING NO.
51-003