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

All outfalls are either located further than one linear mile upstream or outside of the watershed of an Impaired Stream Segment that has been listed for criteria violated,"Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macro Invertebrate Community),within Category 4a,4b or 5,and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff).

OTHER CONTROLS

The Contractor shall follow this ESPCP and ensure and demonstrate compliance with applicable State and/or local waste disposal,sanitary sewer or septic system regulations.

The Contractor shall control dust from the site in accordance with Section 161 of the current edition of the Department's Specifications.

SEDIMENT STORAGE

The site has a total disturbed area of 1.23 acres.
The following table summarizes the required and available sediment storage for every outfall on this project.The Contractor shall provide and maintain the storage volumes for the BMPs specified in this table.

SEDIMENT STORAGE INFORMATION

Outfall ID	Total Drainage area (acres)	Disturbed Area (acres)	Required Sediment storage Volume (yd 3)	Inlet Sediment Trap			Check Dam			Silt Fence Along Fills			Total sediment storage provided
				# of devices	Storage volume per device	Total Volume	# of devices	Storage volume per device	Total Volume	# of devices	Storage volume per lin ft	Total Volume	
A5	0.08	0.04	**5.36**	1	3.3	3.3	1	3.22	3.22				**6.52**
A3	0.04	0.02	**2.68**	1	3.3	3.3							**3.30**
A1	0.06	0.04	**4.02**	1	3.3	3.3	1	3.22	3.22				**6.52**
C1	0.45	0.24	**30.15**							253.8	0.34	86.29	**86.29**
B6	0.31	0.20	**20.77**							263.0	0.34	89.42	**89.42**
B5	0.25	0.05	**16.75**	1	3.3	3.3				338.0	0.34	114.92	**118.22**
E1	0.14	0.07	**9.38**							137.0	0.34	46.48	**46.48**
F5	0.41	0.37	**27.47**	1	3.3	3.3				360.0	0.34	122.40	**125.7**
TOTAL SHEET FLOW										1351.8		459.51	

In order to prevent runoff from bypassing inlet sediment traps,a temporary sump shall be installed around all inlet sediment traps that are not located in a low point or an excavated sump. Construct temporary sumps in accordance with Consrtuction Detail D-24C. Temporary sumps shall be installed in a manner that ensures stormwater does not bypass the inlet. The Contractor may submit alternate temporary containment berm designs to the Project Engineer for approval.

Sediment Basins will not be used at the following locations:

Sta 50+84.8,36.1 Lt: A Sediment Basin is not used at this location.The disturbed area within the drainage area is 0.04 acres.The disturbance activities consists of minor grading.BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this location.Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

Sta 51+75.0,33.7 Lt: A Sediment Basin is not used at this location. The disturbed area within the drainage area is 0.02 acres. The disturbance activities consists of minor grading. BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this location. Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

Sta 52+64.1,34.2 Lt: A Sediment Basin is not used at this location. The disturbed area within the drainage area is 0.04 acres. The disturbance activities consists of minor grading. BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this location. Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

Sta 51+02.6,22.0 Rt: A Sediment Basin is not used at this location. The disturbed area within the drainage area is 0.24 acres. The disturbance activities consists of minor grading. BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this location. Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

Sta 59+94.1,37.3 Rt: A Sediment Basin is not used at this location. The disturbed area within the drainage area is 0.20 acres. The disturbance activities consists of minor grading. BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this location. Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

Sta 60+40.8,35.0 Lt: A Sediment Basin is not used at this location.The disturbed area within the drainage area is 0.25 acres.The disturbance activities consists of minor grading.BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this location.Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

Sta 78+43.0,21.2 Rt: A Sediment Basin is not used at this location.The disturbed area within the drainage area is 0.14 acres.The disturbance activities consists of minor grading.BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this location.Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

Sta 79+37.0,20.2 Lt: A Sediment Basin is not used at this location.The disturbed area within the drainage area is 0.41 acres.The disturbance activities consists of minor grading.BMP's as shown on the erosion control plans will be adequate to control sediment runoff at this location.Land disturbance activities associated with constructing and removing a sediment basin at this location would cause additional adverse impacts.

READY MIX CHUTE WASH-DOWN

The washing of ready-mix concrete drums and dump truck bodies used in the delivery of portland cement concrete is prohibited on this site. In accordance with standard Specification 107 - Legal Regulations and Responsibility to the Public,only the discharge "chute" utilized in portland cement concrete delivery may be rinsed free of fresh concrete remains.The Contractor shall excavate a pit outside of State water buffers,at least 25 feet from any storm drain and outside of the travel way,including shoulders,for a wash/pit area. The pit shall be large enough to store all wash-down water without overtopping the pit. Immediately After the wash-down operations are completed and after the wash-down water has soaked into the ground,the pit shall be filled in,and the ground above shall be graded to match the elevation of the surrounding areas smoothed out. Alternate wash down plans must be approved by the Project Engineer.

Wash-down plans describe procedures that prevent wash down water from entering streams and rivers. Never dispose of wash-down water down a storm drain. Establish a wash-down water pit location that includes the following:(1) the pit is located away from a storm drain,stream or river,(2) the pit is accessible to the vehicle being used for wash-down,(3) the pit has enough volume for wash-down water,and (4) make sure you have permission to use the area for wash-down. On some sites,you may not have permission or access to a location which allows for a wash-down pit. In those cases,the Contractor may have to wash-down into a wheelbarrow or other container and carry the container for transport to a proper disposal site. For additional information,refer to the Georgia Small Business Environmental Assistance Program's "A Guide for Ready Mix Chute/Hopper Wash-down".

RETENTION OF RECORDS

1. The primary permittee shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted:
   a. A copy of all Notices of Intent submitted to EPD;
   b. A copy of the Erosion,Sedimentation and Pollution Control Plan;
   c. The design professional's report of the results of the inspection conducted in accordane with Part IV.A5.of permit GAR100002;
   d. A copy of all monitoring information,results,and reports required by the permit;
   e. A copy of all inspection reports generated in accordance with Part IV.D.4.a.of the permit;
   f. A copy of all violation summaries and violation summary reports generated in accordance with Part III.D.2.of the permit; and
   g. Daily rainfall information collected in accordance with Part IV.D.4.a.(1)(c) of the permit.

2. Copies of all Notices of Intent,Notices of Termination,reports,plans,monitoring reports,monitoring information,including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation,Erosion,Sedimentation and Pollution Control Plans,records of all data used to complete the Notice of Intent to be covered by the permit and all other records required by this permit shall be retained by the permittee who either produced or used it for a period of at least three years from the date that the the NOT is submitted in accordance with Part VI of this permit.These records must be maintained at the permittee's primary place of business or at a designated alternative location once the construction activity has ceased at the permitted site.This period may be extended by request of the EPD at any time upon written notification to the permittee.

SOIL SERIES INFORMATION

A project specific soil survey and geotechnical investigation was performed for this project and can be made available upon request. Soil characteristics have been given full consideration in the hydrologic analysis,the design of channels and linings,selection of temporary BMP's,design of energy dissipaters,and the in the selection of permanent vegetation and fertilizers

MONITORING GENERAL NOTES:

The total site size is 4.20 acres.
Representative sampling may be utilized on this project. The characteristics of the individual watersheds along the project corridor have been carefully evaluated and compared on the basis of drainage characteristics,watershed size,land disturbance and earth work. After evaluation of these items as presented in the projects drainage area maps,hydrology and hydraulic studies,construction plans and erosion sedimentation and pollution control plans.It has been determined that the increase in turbidity at the specified locations will be representative of the increase in turbidity for all waters leaving the site. Approved primary and alternate representative monitoring sites are identified in the table below:

Monitoring site	Primary or Alternate Site	Location (Sta. and Side)	Name of Receiving water	Applicable construction stage for monitoring	Sampling Type (Outfall or Receiving Water)	Drainage Area	Total Project Area	Warm or Cold water Stream	Appendix B NTU value (outfall Monitoring Only)	Allowable NTU Increase (For Receiving Water)	Location Description
1.	P	STA 80+52 / 35' LT	OGEECHEE CREEK	ALL STAGES	OUTFALL	7.7 ACS	4.2 ACS	WARM	75		OUTLET STR 8

The primary site specified should be used as the initial sampling location. The alternate sampling sites may be used if additional sampling is required and/or if the primary sampling site is no longer located within the active phase of construction.

MONITORING SAMPLING METHODS & PROCEDURES

See Special Provision 167 and other contract documents for Monitoring Sampling Methods and Procedures.

REVISION DATES
03-13-12

GEORGIA
DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: TENNILLE DESIGN

ESPCP GENERAL NOTES

SR 73/US 301 (W OGHEECHEE ST) @ SR 21 (MIMS RD)
PROJECT CSSTP-0007-00 (693)
SCREVEN COUNTY

DRAWING No. 51-002

3/1/2007 GPLN