

# VOID

**MONITORING GENERAL NOTES:**

The total site size is 20.41 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 earthwork. 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 feature are identified in the table below.

MONITORING SITE	PRIMARY OR ALTERNATE SITE	NAME OF RECEIVING WATER	APPLICABLE CONSTRUCTION STAGE FOR MONITORING	SAMPLING TYPE (OUTFALL OR RECEIVING WATER)	TOTAL PROJECT AREA, Acres	DRAINAGE AREA, Sq Miles	WARM OR COLD WATER STREAM	APPENDIX B NTU VALUE (OUTFALL MONITORING ONLY)	ALLOWABLE NTU INCREASE (FOR RECEIVING WATER)	LOCATION DESCRIPTION
A	PRIMARY	OGEECHEE RIVER TRIBUTARY	STAGES 1 & 2	RECEIVING	20.41	0.33	WARM	-	-	327+00, 40' LT
B	PRIMARY	OGEECHEE RIVER TRIBUTARY	STAGES 1 & 2	RECEIVING	20.41				25	310+00, 130' RT
C	ALTERNATE	OGEECHEE RIVER TRIBUTARY	STAGES 1 & 2	OUTFALL	20.41	3.00	WARM	50	-	300+00, 130' RT

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. A representative from the Department's Office of Environmental Compliance will be responsible for selecting additional alternate monitoring locations within the active phase of construction, when the designated site is not within the active phase of construction.

**MONITORING SAMPLING METHODS AND PROCEDURES**

See Special Provisions 167 and other Contract Documents for Monitoring Sampling Methods and Procedures

**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".

**SEDIMENT STORAGE**

The site has a total disturbed area of 19.24 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.

Drainage Area	Total Drainage Area (acres)	Disturbed area (acres)	Required Sediment storage Volume (yd <sup>3</sup> )	Total Storage volume provided (yd <sup>3</sup> )	Rock Filter Dam (10 yd <sup>3</sup> each)		Check Dam - Stone (3.0 yd <sup>3</sup> each)		Check Dam - Fabric (2.5 yd <sup>3</sup> each)		Inlet sediment Traps (1.5 yd <sup>3</sup> each)		Silt Fence Type A & C (0.20 yd3/lf)	
					# of Devices	Total Volume	# of Devices	Total Volume	# of Devices	Total Volume	# of Devices	Total Volume	Linear Feet	Total Volume
1	1.95	1.96	131	440	0	0	0	0	0	0	0	2200	440	
2	9.52	9.39	638	2160	0	0	12	30	0	0	0	10600	2160	
3	1.86	1.85	125	260	0	0	0	0	0	0	0	1300	260	
4	4.03	4.17	270	783	1	10	0	9	22.5	0	0	3750	750	
5	2.72	1.45	182	193	1	10	0	13	32.5	0	0	750	150	
6	0.86	0.42	58	69	0	0	0	2	5	0	0	320	64	
7	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	

In order to prevent runoff from bypassing inlet sediment traps, a temporary berm shall be installed on the downstream side of all inlet sediment traps that are not located in a low point or an excavated sump. Construct temporary sumps in accordance with Construction 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.

**Notes:**

1. No BMPs are required within Drainage Area 11 since it has no disturbed area within its boundaries.

	EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE																							
	CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE																							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
INSTALLATION OF CONSTRUCTION EXIT, PERIMETER SILTFENCE AND TREE PROTECTION FENCE																								
CLEARING & GRUBBING																								
PRELIMINARY GRADING																								
INSTALLATION OF UTILITY LINES (SS./WATER/STORM)																								
INSTALL GRADING PHASE EROSION MEASURES																								
CURB & GUTTER AND PAVEMENT																								
FINE GRADING																								
FINAL GRASSING																								
REMOVE TEMPORARY EROSION MEASURES AND TREE PROTECTION FENCING																								

## Erosion, Sedimentation, and Pollution Control Plan General Notes



3715 NORTHSIDE PARKWAY, NW  
 200 NORTHCREEK, SUITE 800  
 ATLANTA, GEORGIA 30327

NO SCALE

REVISION DATES

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
 OFFICE: PROGRAM DELIVERY

**ESPC GENERAL NOTES**

PROJECT: U. S. 301/S. R. 73 BRIDGE  
 REPLACEMENTS (PI\* 231680/70)  
 COUNTY: SCREVEN

DRAWING No. 51-004