

MONITORING GENERAL NOTES:

The total site size is 11.89 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:

MONITORING SITE	PRIMARY OR ALTERNATE SITE	LOCATION STATION & OFFSET	NAME OF RECEIVING WATER	STREAM TYPE (WARM/COLD WATER)	APPLICABLE CONSTRUCTION STAGE FOR MONITORING	SAMPLING TYPE (OUTFALL OR RECEIVING WATER)	DRAINAGE AREA, SQ MILES	TOTAL PROJECT AREA ACRES	WARM OR COLD WATER STREAM	APPENDIX B NTU VALUE (OUTFALL MONITORING ONLY)	ALLOWABLE NTU INCREASE (FOR RECEIVING WATER)	LOCATION DESCRIPTION
A	PRIMARY	STA 110+52 6' LT	NORTH FORK PEACHTREE CREEK	WARM	ALL	OUTFALL	0.0024	11.89	N/A	50	-	DROP INLET
B	PRIMARY	STA 216+00 43' LT	NORTH FORK PEACHTREE CREEK	WARM	ALL	OUTFALL	0.0025	11.89	N/A	50	-	DROP INLET
C	PRIMARY	STA 210+10 24' RT	NORTH FORK PEACHTREE CREEK	WARM	ALL	OUTFALL	0.0023	11.89	N/A	50	-	END OF DITCH

(According to the EPD, additional monitoring sites may be required depending on significant changes in typical sections)

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.

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 the delivery of Portland cement concrete 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 travelled way, including shoulders, for a washdown pit. The pit shall be large enough to store all wash-down water without overtopping. 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 it shall be graded to match the elevation of the surrounding areas. 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 pit that includes the following: (1) a location away from any storm drain, stream, or river, (2) access to the vehicle being used for wash down, (3) sufficient volume for wash-down water, and (4) permission to use the area for wash down.

On sites where permission or access to excavate a wash-down pit is unavailable, the Contractor may have to wash-down into a sealable 55-gallon drum or other suitable container and then transport the container 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".

24 HOUR CONTACT
 NAME: _____ Karen Privett _____
 PHONE: _____ (770) 231-2654 _____

PRIMARY PERMITEE:
 Georgia DOT
 One Georgia Center
 600 West Peachtree St.
 Atlanta, GA 30308
 Phone: (404) 631-1990

SEDIMENT STORAGE

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 BMP's specified in this table.

Outfall ID	Station	Total Drainage area (acres)	Bypass Drainage area (acres)	Disturbed Area (acres)	Required Sediment storage Volume (cu yd)	Total Storage volume provided (cu yd)	Rock Filter Dam (10 cu yd each)		Check Dam - Stone (cu yd)		Inlet Sediment Traps (cu yd)		Silt Fence (cu yd)		J-Hooks (cu yd)		
							No. of Devices	Total Volume	No. of Devices	Total Volume	No. of Devices	Total Volume	Linear Feet	Total Volume	No. of Devices	Total Volume	
1	STA 125+00	163.29	144.63	6.58	1250	3508	0	0	33	407	18	576	11463	2293	14	242	
2	STA 126+38	10.91	7.88	1.36	203	822	1	10	15	185	10	288	1941	388	0	0	
SHEET FLOW OUTFALLS	1	STA 125+00	4.57	0	0.45	306	867	0	0	0	0	0	0	3389	677	10	189
	2	STA 126+38	25.47	21.22	0.24	285	482	0	0	0	0	0	0	1635	327	9	155

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. Temporary berms, when necessary, shall be a minimum of 18" high and constructed 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

Outfalls 1, 2 and sheet flow outfalls 1 and 2: Sediment Basins are not used at these locations. Land disturbance activities associated with constructing and removing sediment basins at these locations would cause additional adverse impacts based on existing physical constraints.

STREAM BUFFER ENCROACHMENT

Stream Buffers are impacted by this project. The Contractor is not authorized to enter Stream Buffers except where described in the table below.

NAME (NAME OR NUMBER OF FEATURE)	LOCATION OF BUFFERED STREAMS AND STATE WATERS**			STREAM TYPE (WARM/COLD WATER)*	BUFFER IMPACTED? (YES/NO)	BUFFER VARIANCE REQUIRED?
	ALIGNMENT	BEGIN STA (LT OR RT)	END STA (LT OR RT)			
STREAM 4	SR 400 TO 185 RAMP	130+50 RT	134+35 LT	WARM	YES	NO
DESCRIPTION OF IMPACT: CONTRACTOR SUPPORT COLUMN FOR THE BRIDGE TRANSVERSING OVER THE STREAM. NO STREAM BUFFER VARIANCE IS REQUIRED.						
STREAM 17	SR 400 TO 185 RAMP	133+50 LT	135+16 RT	WARM	YES	NO
DESCRIPTION OF IMPACT: PEDESTRIAN TRAIL IMPACTS. NO STREAM BUFFER VARIANCE REQUIRED.						
STREAM 4	SR 400 TO 185 RAMP	204+80 RT	206+55 LT	WARM	YES	NO
DESCRIPTION OF IMPACT: CONTRACTOR SUPPORT COLUMN FOR THE BRIDGE TRANSVERSING OVER THE STREAM. NO STREAM BUFFER VARIANCE IS REQUIRED.						
NORTH FORK PEACHTREE CREEK	SR 400 TO 185 RAMP	130+99 RT	132+23 LT	WARM	YES	NO
DESCRIPTION OF IMPACT: GENERAL CONSTRUCTION OF PIERS AND PEDESTRIAN TRAIL IMPACTS. NO STREAM BUFFER VARIANCE IS REQUIRED.						
STREAM 4	185 TO SR 400 RAMP	221+31 RT	221+76 LT	WARM	YES	NO
DESCRIPTION OF IMPACT: EROSION CONTROL AND TEMPORARY CROSSING IMPACTS. NO STREAM BUFFER VARIANCE IS REQUIRED.						

*Warm water streams have a 25' minimum buffer measured for the wretched vegetation. Cold water streams have a 50' buffer as measured from the wretched vegetation.
 **Locations are approximate, detailed locations of stream buffers and authorized work areas are shown on the Individual BMP sheets.



AS-BUILT

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

OFFICE: INNOVATIVE PROGRAM DELIVERY

ESPC GENERAL NOTES

S. R. 400/ 1-85
CONNECTOR RAMPS

DRAWING No.
51-003