

MONITORING GENERAL NOTES:

The total site size is 109 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 monitored feature are identified in the table below.

MONITORED FEATURE	PRIMARY OR ALTERNATE FEATURE	LOCATION (STA, OFFSET)	NAME OF RECEIVING WATER	APPLICABLE CONSTRUCTION STAGES	SAMPLING TYPE (OUTFALL OR RECEIVING WATER)	DRAINAGE AREA FOR RECEIVING WATER (SQ MI)	TOTAL PROJECT AREA (ACRES)	WARM OR COLD WATER STREAM	APPENDIX B NTU VALUE (OUTFALL MONIT. ONLY)	ALLOWABLE NTU INCREASE (FOR RECEIVING WATER)	LOCATION DESCRIPTION
OUTFALL 23	PRIMARY	STA 19+20 US 129/SR11, 210' RT	MOSSY CREEK	1,2,5,6	OUTFALL	0.35	109	WARM	50	N/A	OUTFALL OF EXISTING 48" CROSS DRAIN
OUTFALL 18	PRIMARY	STA 193+05 MAINLINE, 125' RT	TRIBUTARY TO COX CREEK	1,2	OUTFALL	0.87	109	COLD	20	N/A	SEDIMENT BASIN DISCHARGE PIPE
OUTFALL 3	PRIMARY	STA 105+00 MAINLINE, 74' RT	MOSSY CREEK	1,3,6	OUTFALL	1.26	109	WARM	50	N/A	END OF DRAINAGE STRUCTURE B-25
OUTFALL 17	ALTERNATE	STA 194+00 MAINLINE, 125' LT	TRIBUTARY TO COX CREEK	2	OUTFALL	0.87	109	COLD	20	N/A	RIP RAP OUTFALL END OF ROADWAY DITCH
STREAM 1	ALTERNATE	U/S STA 156+75, 194' LT D/S STA 159+70, 219' RT	TRIBUTARY TO COX CREEK	2	RECEIVING WATER	0.09	109	COLD	N/A	10	U/S - STREAM 1 U/S OF DIST. AREA AT REQ'D ROW D/S - STREAM 1 D/S OF RIP RAP AT REQ'D ROW
OUTFALL 4	ALTERNATE	STA 121+90 MAINLINE, 250' RT	MOSSY CREEK	2,4	OUTFALL	0.99	109	WARM	50	N/A	END OF DRAINAGE STRUCTURE C-0J
OUTFALL 2	PRIMARY	STA 97+10 MAINLINE, 90' LT	MOSSY CREEK	4,5	OUTFALL	0.47	109	WARM	50	N/A	END OF NEW ROADWAY DITCH AT STREAM BUFFERLINE
OUTFALL 16	PRIMARY	STA 44+07 SR 115, 54' LT	COX CREEK	4,5	OUTFALL	2.13	109	COLD	20	N/A	END OF DITCH AT STREAM BANK
OUTFALL 21	ALTERNATE	STA 21+70 SR 115, 60' LT	TRIBUTARY TO COX CREEK	4	OUTFALL	0.11	109	COLD	20	N/A	RIP RAP OUTFALL END OF NEW ROADWAY DITCH
STREAM 2	PRIMARY	U/S STA 160+59, 181' LT D/S STA 162+70, 209' RT	TRIBUTARY TO COX CREEK	6	RECEIVING WATER	0.03	109	COLD	N/A	10	U/S - STREAM 2 U/S OF DIST. AREA AT REQ'D ROW D/S - STREAM 2 D/S OF RIP RAP AT REQ'D ROW
OUTFALL 22	ALTERNATE	STA 22+35 SR 115, 65' RT	TRIBUTARY TO COX CREEK	6	OUTFALL	0.03	109	COLD	20	N/A	END OF DRIVEWAY SIDE DRAIN PIPE

The primary monitored feature specified should be used as the initial sampling location. The alternate monitored feature may be used if additional sampling is required and/or if the primary monitored feature 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

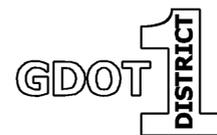
The washing of ready-mix concrete drums and dump truck bodies used in the delivery of Portland cement concrete is prohibited on this site.

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 wash-down 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".

USE ON CONSTRUCTION



REVISION DATES

2/27/2012		
6/6/2012		
8/22/2014		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: DISTRICT ONE DESIGN

ESPC GENERAL NOTES

CLEVELAND BYPASS- PHASE I
WHITE COUNTY

DRAWING No.
51-04