

NON-STORM WATER DISCHARGES

Non-storm water discharges defined in Part IIIA.2 of the NPDES Permit will be identified after construction has commenced. These discharges shall be subject to the same requirements as storm water discharges required by the Georgia Erosion and Sedimentation Control Act, the NPDES Permit, the Clean Water Act, the Manual for Erosion and Sediment Control in Georgia, Department Standards, and other contract documents. The NPDES does not authorize the discharge of soaps or solvents used in vehicle and equipment washing or the discharge of wastewater from washout and cleanout of containers for stucco, paint, concrete-form release oils, curing compounds and other construction materials.

DE-WATERING ACTIVITIES AND USE OF PUMPS

Any pumped discharge from an excavation or disturbed area shall be routed through an appropriately sized sediment basin, silt filter bag or shall be treated equivalently with suitable BMP's. The Contractor shall ensure the post BMP treated discharge is sheet flowing. Failure to create sheet flow will obligate the contractor to perform water quality sampling of their pumped discharges. The contractor shall prepare sampling plans in accordance with the current GARI00002 NPDES permit by utilizing a Certified Design Professional. No separate payment will be made for water quality sampling of pump discharges.

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

RETENTION OF RECORDS

The Department will retain all records in accordance with part IV.F of the General Permit GAR 100002.

SEDIMENT STORAGE

The site has a total disturbed area of 2.62 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.

Location	Station	Total Drainage Area (acres)	Disturbed Area (acres)	Required Sediment Storage Volume (yd ³)	Total Storage Volume Provided (yd ³)	Sediment Basins		Check Dams		Silt Fence (0.30 yd ³ /ft)		Comments
						Pond *	Total Volume (yd ³)	* of Devices	Total Volume (yd ³)	Length of Fence (ft)	Total Volume (yd ³)	
Outfall #1	110+91.00 LT	3.66	0.55	245.22	354.4			8	222.4	440	132	
Outfall #2	110+15.00 RT	0.60	0.40	40.20	164.1			3	47.1	390	117	
Outfall #3	110+27.00 LT	0.39	0.39	26.13	162.6			4	117.60	150	45	
Sheet Flow	NA	1.28	1.28	85.76	207.0					690	207	

A sediment basin was considered but was not used because the land disturbance for the sediment basin was greater than the disturbed area for Outfall. To reduce the sedimentation from this area a diversion ditch will be constructed in the first stage I Pregrading.

The sediment basin was not used to avoid additional disturbed acreage resulting in additional adverse impact to ESA.

To reduce the sedimentation from this area a diversion ditch will be constructed in the first stage I Pregrading.

The diversion ditch is a temporary channel constructed to convey flow around the road and ditch construction. The diversion ditch is being used to protect the project from erosion. The ditch is 6 feet wide and designed for a ten year storm frequency. Construction of the diversion ditch is included in the cost of grading and complete pay item.

USE OF ALTERNATE AND/OR ADDITIONAL BMPS

No alternative or additional BMPs will be used on this project.

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 1 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).

STREAM AND OPEN-WATER BUFFER ENCROACHMENTS

Stream Buffers, as defined by O.C.G.A. 12-7-1, are impacted by this project.

The contractor is not authorized to enter into stream buffers, except as described in the table below:

Name or Number of Stream or other Water Body Type	Location of Buffered Streams and State Waters **			Stream Type (Warm/Cold Water) *	Buffer Impacted? (Yes/No)	Buffer Variance Required? (Yes/No)
	Stream Alignment	Begin Station and Offset	Ending Station and Offset			
Stream 2 (Turkey Creek)	SR 230	110+03, 70 ft Right	110+80, 70 ft Right	WARM	YES	NO
Stream 2 (Turkey Creek)	SR 230	110+31, 70 ft Left	110+95, 70 ft Left	WARM	YES	NO
Allowed to Build the Bridge in Stream 2, No placement of Rip rap is to occur below the ordinary high water mark for Stream 2.						

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

<p>3/1/2007 GPLN</p>		<p>GEORGIA DEPARTMENT OF TRANSPORTATION</p>		<p>REVISION DATES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">12-11-2013</td> <td style="width:50%;"></td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	12-11-2013										<p>STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE: PROGRAM DELIVERY</p> <p>ESPSP GENERAL NOTES</p> <p>SR 230 AT TURKEY CREEK</p>	<p>DRAWING No. 51-002</p>
12-11-2013																