

USE ON CONSTRUCTION

**WASTE DISPOSAL**

Where attainable, locate waste collection areas, dumpsters, trash cans and portable toilets at least 50 feet away from streets, gutters, watercourses and storm drains. Secondary containment shall be provided around liquid waste collection areas to minimize the likelihood of contaminated discharges. The Contractor shall comply with applicable state and local waste, storage and disposal regulations and obtain all necessary permits. Solid materials, including building materials, shall not be discharged to Waters of the State, unless authorized by a Section 404 Permit.

**INSPECTIONS**

The primary permittee (GDOT) must retain the design professional who prepared the ESPCP, or an alternative design professional approved by EPD in writing, to inspect the installation of the initial sediment storage requirements and perimeter control BMPs within seven (7) days of installation over the entire infrastructure project. Alternatively, for linear infrastructure projects, the permittee must retain either of these personnel to inspect the initial sediment storage requirements and perimeter control BMPs for the initial segment, as defined by Part IV.A.5 of the current GARI00002 Permit, within seven (7) days of installation and all sediment basins within the entire linear infrastructure project seven (7) days of installation. The inspecting design professional shall report the results to the primary permittee within seven (7) days, and the permittee must correct all deficiencies within two (2) business days of receipt of the inspection report, unless on-site weather conditions are such that more time is required. Additionally, the Department's Construction Project Engineer will be responsible for all subsequent seven-day inspections for all new BMP installations.

All other inspections shall be documented on the appropriate Department Inspection forms. See Standard Specification (or Special Provision) 167 and other contract documents for inspection requirements. These inspections shall continue until the Notice of Termination (NOT) is submitted.

Failure to perform inspections as required by the contract documents and the NPDES permit shall result in the cessation of all construction activities with the exception of Traffic Control and Erosion Control. Continued failure to perform inspections shall result in non-refundable deductions as specified in the contract documents.

**NON-STORM WATER DISCHARGES**

Non-storm water discharges defined in Part III.A.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 PUMPING ACTIVITIES**

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 pumped discharges. The contractor shall prepare sampling plans in accordance with the current GARI00002 NPDES permit utilizing by 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 all applicable State and/or local regulations for waste disposal, sanitary sewer and 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 Standard Specifications.

**RETENTION OF RECORDS**

The Department will retain all records related to the implementation of this ESPCP in accordance with Part IV.F of the General Permit GARI00002.

**SEDIMENT STORAGE**

The site has a total disturbed area of 7.76 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.

Outfall ID	Location	Total Drainage area (acres)	Disturbed Area (acres)	Required Sediment Storage Volume (yd <sup>3</sup> )	Total Sediment Storage Provided (yd <sup>3</sup> )	Check Dams (* yd <sup>3</sup> /each)		Silt Fence (0.345 yd <sup>3</sup> /ft)		Rock Filter Dam		Silt Gate	
						* of Devices	Total Volume (yd <sup>3</sup> )	Length of Fence (ft)	Total Volume (yd <sup>3</sup> )	* of Devices	Total Volume (yd <sup>3</sup> )	* of Devices	Total Volume (yd <sup>3</sup> )
<b>OUTFALL 1 STATION 200-77 LT:</b>													
Basin 1	Ditches - Sta 63+50 to 64+21 RT (SR 47) & Sta 202+44 to 204+15 RT (CR 578)	55.60	0.50	3725	88	4	9	216	75	0	0	1	4
Basin 4	Ditch - Sta 65+18 to 66+80 RT (SR 47)	0.59	0.59	40	209	0	0	605	209	0	0	0	0
<b>OUTFALL 2 STATION 201-11 LT:</b>													
Basin 2	Ditch - Sta 202+4375 to 206-77 RT (CR 578)	1.55	0.40	104	155	17	120	102	35	0	0	0	0
Basin 3	Ditch - Sta 203+75 to 206-77 LT (CR 578)	2.20	0.65	147	242	14	155	239	82	1	5	0	0
<b>OUTFALL 3 STATION 67-63 LT</b>													
Basin 5	Clr Ditch - Sta 94+50 to 99+00 (CR 577) & 10' wide ditch where existing 30" pipe removed	1.79	1.79	120	446	25	234	615	212	0	0	0	0
Basin 6	RT Ditch - Sta 98+00 to 98+00 (CR 577)	4.52	0.90	303	329	29	270	120	41	2	14	1	4
Basin 7	LT Ditch - Sta 89+00 to 96+27 (CR 577)	5.82	0.85	390	658	26	86	1640	566	0	0	1	6
<b>SHEET FLOW</b>	<b>TOTAL SHEET FLOW</b>	<b>783</b>	<b>2.08</b>	<b>52461</b>	<b>1233</b>	<b>4</b>	<b>27</b>	<b>3480</b>	<b>1201</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>0</b>

Sediment Basins will not be used for this project.

**STATION 200-77 LT (CR 578/TUBMAN):**

**BASIN 1:** A Sediment Basin is not used at this location. The disturbed area within the drainage area is 0.50 acres. The disturbance activities consists of clearing and grading associated with the roadway construction. BMPs as shown on the Erosion Control Plans do not provide adequate sediment storage for the runoff, but land disturbance activities associated with the construction and removal of a sediment basin at this location would cause additional adverse impacts to ESAs and major utilities. Also, rock blasting would be required in order to add a sediment basin and to relocate the utilities. When comparing the small disturbance area to the total drainage area of 55.60 acres, the amount of disturbance is minor and the BMPs as shown on the erosion control plans will be adequate to control sediment runoff at this location.

**BASIN 4:** A Sediment Basin is not used at this location. The disturbed area within the drainage area is 0.59 acres. The disturbance activities consists of clearing and grading associated with the roadway construction. BMPs as shown on the Erosion Control Plans provide adequate sediment storage for the runoff at this location. Land disturbance activities associated with the construction and removal of a sediment basin would cause additional adverse impacts.

**STATION 201-11 LT (CR 578/TUBMAN):**

**BASIN 2:** A Sediment Basin is not used at this location. The disturbed area within the drainage area is 0.40 acres. The disturbance activities consists of clearing and grading associated with the roadway construction. BMPs as shown on the Erosion Control Plans provide adequate sediment storage for the runoff at this location. Land disturbance activities associated with the construction and removal of a sediment basin would cause additional adverse impacts.

**BASIN 3:** A Sediment Basin is not used at this location. The disturbed area within the drainage area is 0.65 acres. The disturbance activities consists of clearing and grading associated with the roadway construction. BMPs as shown on the Erosion Control Plans provide adequate sediment storage for the runoff at this location. Land disturbance activities associated with the construction and removal of a sediment basin would cause additional adverse impacts.

**STATION 67-63 LT (SR 47):**

**BASIN 5:** A Sediment Basin is not used at this location. The disturbed area within the drainage area is 1.79 acres. The disturbance activities consists of clearing and grading associated with the roadway construction. BMPs as shown on the Erosion Control Plans provide adequate sediment storage for the runoff at this location. Land disturbance activities associated with the construction and removal of a sediment basin would cause additional adverse impacts.

**BASIN 6:** A Sediment Basin is not used at this location. The disturbed area within the drainage area is 0.90 acres. The disturbance activities consists of clearing and grading associated with the roadway construction. BMPs as shown on the Erosion Control Plans provide adequate sediment storage for the runoff at this location. Land disturbance activities associated with the construction and removal of a sediment basin would cause additional adverse impacts.

**BASIN 7:** A Sediment Basin is not used at this location. The disturbed area within the drainage area is 0.85 acres. The disturbance activities consists of clearing and grading associated with the roadway construction. BMPs as shown on the Erosion Control Plans provide adequate sediment storage for the runoff at this location. Land disturbance activities associated with the construction and removal of a sediment basin would cause additional adverse impacts.

**ALTERNATIVE BMPs**

No alternative or additional BMPs are 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).

REVISED OCTOBER 18, 2013

**GEORGIA**  
DEPARTMENT  
OF  
TRANSPORTATION

REVISION DATES

4-29-14

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION

OFFICE: TENNILLE DESIGN

**ESPCP GENERAL NOTES**

PROJECT CSBRG-0007-00(168)  
COUNTY COLUMBIA

DRAWING No.  
**51-002**