

DATE: OCT.18, 2013

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 all applicable state and local waste storage and disposal regulations and obtain all necessary permits. Solid materials, including building materials, shall not be deposited into 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 Specifications (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 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 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 by 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 2.12 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 BMP's specified in this table.

LOCATION	TOTAL DRAINAGE AREA (ACRES)	DISTURBED AREA (ACRES)	REQUIRED SEDIMENT STORAGE VOLUME (CU. YD.)	TOTAL STORAGE VOLUME PROVIDED (CU. YD.)	SEDIMENT BASINS		CHECK DAMS (* CU. YDS/EA)		INLET SEDIMENT TRAPS (* CU. YDS/EA)		SILT FENCE	
					POND *	TOTAL VOLUME CU. YDS.	* OF DEVICES	TOTAL VOLUMES CU. YDS.	* OF DEVICES	TOTAL VOLUMES CU. YDS.	LENGTH OF FENCE (FT)	TOTAL VOLUME CU. YDS.
A-1	0.92	0.27	61.6	48.2	—	—	—	—	3	48.2	—	—
B-1	1.21	0.90	81.1	31.3	—	—	—	—	6	31.3	—	—
C-1	6.11	0.24	409.4	38.8	—	—	12	20.1	1	18.7	—	—
D-1	0.84	0.12	56.3	3.3	—	—	4	3.3	—	—	—	—
SHEET FLOW	0.59	0.59	39.5	487.1	—	—	—	—	—	—	660	487.10
TOTAL FLOW	9.67	2.12	647.9	608.7	—	—	16	23.4	10	98.2	660	487.10

Due to the large size of the drainage basins compared to the disturbed area adequate sediment storage was not obtained in basin A, B, C, and D. The use of sediment basins was investigated at each outfall, but their use would significantly increase the disturbed area thus creating more detriment than benefit.

In order to prevent runoff from bypassing inlet sediment traps, a temporary sump shall be installed around 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.

REVISION DATES

4/08/14	

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY

ESPC GENERAL NOTES

CSBRG-0006-001320
CLARKE COUNTY

DRAWING No.
51-002



GRESHAM
SMITH AND
PARTNERS