

SEDIMENT STORAGE

The site has a total disturbed area of **3.89** 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	TOTAL DRAINAGE AREA (ACRES)	DISTURBED AREA (ACRES)	REQUIRED SEDIMENT STORAGE VOLUME (CY)	TOTAL STORAGE VOLUME PROVIDED (CY)	SEDIMENT BASINS		CHECK DAM (CY/EACH)		INLET SEDIMENT TRAPS (CY/EACH)		SILT FENCE (0.28 CY/FT)	
					POND	TOTAL VOLUME (CY)	NO. OF DEVICES	TOTAL VOLUME (CY)	NO. OF DEVICES	TOTAL VOLUME (CY)	LENGTH OF FENCE (FT)	TOTAL VOLUME (CY)
OUTFALL A	3.83	0.91	256.61	65.69			10	65.69				
SR 26/US 80 STA. 100+18 TO 103+50 RT	0.30	0.30	20.10	86.80							310	86.80
OUTFALL B	0.44	0.44	29.48	22.32			6	22.32				
OUTFALL C	1.23	0.80	82.41	70.10			5	11.90	1	5.00	190	53.20
OUTFALL D	1.14	0.68	76.38	19.07			6	19.07				
OUTFALL E	0.30	0.30	20.10	6.66			4	6.66				
OUTFALL F	0.64	0.44	42.88	8.87			8	8.87				
OUTFALL G	0.02	0.02	1.34	25.78			1	25.78				

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.

TEMPORARY SEDIMENT BASIN DETAILS

There will be no temporary sediment basins on this project due to the small area of construction, and the impact of a sediment basin will create more disturbance than it will serve to mitigate.

USE OF ALTERNATIVE 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 one 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 not impacted by this project.

Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point wrested vegetation without first acquiring the necessary variances and permits.

Outfalls: A, B, C, D, E, and F, did not meet the required storage volumes. However, the maximum number of check dams are being provided on the basis of existing and proposed topography. Proposed BMPs will minimized the potential of erosion and sediment loss from the project area.

	GEORGIA DEPARTMENT OF TRANSPORTATION	NTS	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">REVISION DATES</th> </tr> <tr> <td style="width: 50%;">10-03-2014</td> <td style="width: 50%;"></td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	REVISION DATES		10-03-2014									
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		STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE: ROADWAY DESIGN ESPCP GENERAL NOTES	PI 0010364, BULLOCH COUNTY SR 26/US 80 @ CR 585												
			DRAWING No. 51-002												