VOID

SEDIMENT STORAGE

The site has a total disturbed area of 47.22 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.

OUTFALL ID	SIDE	DESCRIPTION	DRAINAGE AREA ID	TOTAL DRAINAGE AREA (ACRES)	DISTURBED AREA (ACRES)	REQUIRED SEDIMENT STORAGE VOLUME (CY)	TOTAL STORAGE VOLUME PROVIDED (CY)	SEDIMENT BASINS		RIP RAP CHECK DAMS		SILT FENCE CHECK DAMS		INLET SEDIMENT TRAPS		ROCK FILTER DAMS		STONE FILTER RINGS		SILT FENCE	
								POND #	TOTAL VOLUME	NUMBER OR DEVICES	TOTAL VOLUME	NUMBER OR DEVICES	TOTAL VOLUME	NUMBER OF DEVICES	TOTAL VOUME	NUMBER OR DEVICES	TOTAL VOLUME	NUMBER OF DEVICES	TOTAL VOLUMES	LENGTH OF SILT FENCE	TOTAL VOLUMES
SE/NEWNAN BYPASS																					
STA. 104+50	RT	DITCH OUTFALL	18A, 18B, 18C	5.59	1.90	374.53	640.38					9.00	640.38								
STA. 117+00	RT	DITCH OUTFALL	2B	2.69	2.69	180.23	587.41					22.00	584.71	3.00	2.70						
STA. 124+50	RT	DITCH OUTFALL	3	1.82	1.82	121.94	558.23	STA. 121+00 RT	361.80			6.00	106.43							300	90
STA. 125+00	LT	DITCH OUTFALL	1, 2A	11.26	3.96	754.42	1031.25					39.00	1031.25								
STA. 125+25	RT	DITCH OUTFALL	4A	3.50	2.47	234.50	792.37			26.00	362.46	11.00	428.11	2.00	1.80						
STA. 130+50	LT	DITCH OUTFALL	4B	1.72	1.72	115.2	479.88	STA. 133+50 LT	241.20			7.00	237.8	1.00	0.90						
STA. 148+00	LT	DITCH OUTFALL	4C	2.65	2.65	177.6	369.79			16.00	369.8										
STA. 148+75	RT	DITCH OUTFALL	4D	4.51	3.07	302.17	474.66	STA. 147+50 RT	180.90	44.00	510.93			2.00	1.80						
STA. 149+00	LT	DITCH OUTFALL	5	4.86	1.34	325.6	502.01					6.00	502.0								
STA. 159+00	LT	DITCH OUTFALL	6	0.72	0.72	48.1	418.35					5.00	418.3								
STA. 163+00	RT	DITCH OUTFALL	7A	1.76	1.76	117.92	516.89	STA. 165+50 RT	314.90			11.00	201.99								
STA. 164+50	LT	DITCH OUTFALL	7B	4.78	1.80	320.3	327.40					22.00	325.6	2.00	1.80						
STA. 175+00	LT	DITCH OUTFALL	8	1.15	0.42	77.1	120.60					8.00	119.7	1.00	0.90						
STA. 181+00	LT	DITCH OUTFALL	9A	3.52	1.12	235.8	247.78					13.00	247.8								
STA. 181+00	RT	DITCH OUTFALL	10	1.68	1.68	112.56	246.15	STA. 182+00 RT	100.50			8.00	142.05	4.00	3.60						
STA. 185+25	LT	DITCH OUTFALL	13A	1.42	1.42	95.1	150.98					7.00	147.4	4.00	3.60						
STA. 193+62	LT	DITCH OUTFALL	15	1.47	0.58	98.5	278.98					6.00	279.0								
STA. 125+50 TO STA. 130+50	LT	SHEET FLOW		1.08	1.08	72.4	150.00													500	150
STA. 149+50 TO STA. 158+00	RT	SHEET FLOW		1.96	1.96	131.4	255.00													850	255
STA. 159+00 TO STA. 163+00	RT	SHEET FLOW		1.03	1.03	69.1	120.00													400	120
STA. 160+00 TO STA. 164+50	LT	SHEET FLOW		1.11	1.11	74.4	135.00													450	135
STA. 169+00 TO STA. 180+50	RT	SHEET FLOW		3.46	3.46	231.9	345.00													1150	345
STA. 186+50 TO STA. 189+00	RT	SHEET FLOW		0.42	0.42	28.2	75.00													250	75
STA. 191+00 TO STA. 192+50	RT	SHEET FLOW		0.32	0.08	21.5	45.00													150	45
SR 16																					
STA. 26+00	LT	DITCH OUTFALL		0.60	0.50	40.20	213.98					3.00	213.98								
STA. 41+50	LT	DITCH OUTFALL	16A, 16B, 17A, 17B, 19	6.58	3.16	440.86	816.25					20.00	1250.11					1.00	101.90		
STA. 25+50	RT	DITCH OUTFALL		0.87	0.72	58.29	427.33					5.00	427.33								
STA. 41+50 TO STA. 46+00	RT	SHEET FLOW		0.68	0.54	45.6	270.00													450	270
STA. 43+00 TO STA. 46+00	LT	SHEET FLOW		0.58	0.46	38.9	90.00													300	90
TURKEY CREEK RD																					
STA. 11+00	LT	DITCH OUTFALL	14	2.07	0.36	138.69	668.12					4.00	668.12								
STA. 14+00	RT	DITCH OUTFALL		0.16	0.11	10.72	174.29					4.00	174.29								
STA. 19+50	RT	DITCH OUTFALL	13B	0.65	0.49	43.55	264.69					4.00	264.69								
STA. 19+00 TO STA. 21+50	LT	SHEET FLOW		0.56	0.34	37.60	75.00													250	75
TOTALS					46.94																

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 installedin a manner that ensures stormwater does not bypass the inlet. The Contractor may submit alternatetemporary containment berm designs to the Project Engineer for approval.

The disturbing activities consist of mass grading confined to 1) temporary staging, 2) full depth widening, 3) installation of ditches to maintain positive drainage, 4) removal of existing and installation of cross drains.

Due to the scope of work, sediment basins are not appropiate for this project. For outfalls not satisfying the required sediment storage, in proportion to the disturbed areas, the disturbance associated with the installation of sediment basins will not be the most efficient method in containing the sediment within this project. Silt fences, fabric and riprap check dams, temporary
slope drains, silt gates, riprap ditch lining, and riprap at pipe and ditch outlets will be adequateto prevent the transport of sediment into receiving waters.

CHA
270 Peachtree St. NW, Suite 1500 • Atlanta, GA 30303-1283
Main: (678) 954-5000 • www.chacompanies.com

REVISION DATES

GEORGIA
DEPARTMENT OF TRANSPORTATION

ESPC GENERAL NOTES

SE / NEWNAN BYPASS FROM
S.R. 16 TO TURKEY CREEK ROAD

DRAWING No. 51-003

GPLN