Sediment Storage Continued

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.

In order to prevent runoff from bypassing inlet sediment traps, a temporary berm shall be installed on the downstream side of all inlet sediment traps that are not located in a low point or an excavated sump. Temporary berms, when necessary shall be a minimum of 18" high and constructed in a manner that ensure storm water does not bypass the inlet. The Contractor may submit alternate temporary containment berm designs to the Project Engineer for approval.

Check Dam storage volumes are not included in the Total Storage Volume provided at each outfall.

						SEDIMENT BASINS		CHECK DAMS		INLET SEDIMENT TRAPS		SILT FENCE		
OUTFALL ID	SIDE	TOTAL DRAINAGE AREA (ACRES)	DISTURBED AREA (ACRES)	SEDIMENT STORAGE VOLUME	STORAGE VOLUME PROVIDED	POND NUMBER	TOTAL VOLUME	NUMBER OF DEVICES	TOTAL VOLUME	NUMBER OF DEVICES	TOTAL VOLUME	LENGTH OF DEVICE	TOTAL VOLUME	NOTES
678+00 to 687+00	Left	2.28 acres	2.28 acres	152.43 cy	318.25 cy			4	23.88 cy			1900.00 ft	318.25 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of silt fence shall provide adequate sediment storage.
680++09 (M-127)	Right	0.63 acres	0.63 acres	42.44 cy	673.58 cy			4	23.88 cy	1	673.58 cy			The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps shall provide adequate sediment storage.
684++58 (M-128)	Left	0.62 acres	0.62 acres	41.52 cy	635.92 cy			4	23.88 cy	1	635.92 cy			The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps shall provide adequate sediment storage.
687+00 to 691+00	Left	0.90 acres	0.90 acres	60.24 cy	67.00 cy			4	23.88 cy			400.00 ft	67.00 cy	The placement of a sediment basin at this area of sheet flow will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this area of sheet flow indicate that the use of silt fence along the toe of slopes shall provide adequate sediment storage.
687++58 (M-129)	Left	0.44 acres	0.44 acres	29.39 cy	1102.93 cy			4	23.88 cy	1	1102.93 cy			The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps shall provide adequate sediment storage.
691+00 to 694+00	Left	0.67 acres	0.67 acres	44.63 cy	50.25 cy			4	23.88 cy			300.00 ft	50.25 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of silt fence shall provide adequate sediment storage.
692++58 (M-130)	Left	1.25 acres	1.25 acres	83.88 cy	932.86 cy			4	23.88 cy	1	932.86 cy			The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps shall provide adequate sediment storage.
695+00 to 698+00	Right	0.55 acres	0.55 acres	37.15 cy	50.25 cy			4	23.88 cy			300.00 ft	50.25 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of silt fence shall provide adequate sediment storage.
696++00 (M-131)	Left	0.35 acres	0.35 acres	23.78 cy	932.86 cy			4	23.88 cy	1	932.86 cy			The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps shall provide adequate sediment storage.
698+00 to 701+00	Right	0.93 acres	0.93 acres	62.01 cy	63.65 cy			4	23.88 cy			380.00 ft	63.65 cy	The placement of a sediment basin at this area of sheet flow will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this area of sheet flow indicate that the use of silt fence along the toe of slopes shall provide adequate sediment storage.
701+00 to 707+00	Right	1.36 acres	1.36 acres	90.80 cy	100.50 cy			4	23.88 cy			600.00 ft	100.50 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of silt fence shall provide adequate sediment storage.
707+00 to 708+00	Right	0.17 acres	0.17 acres	11.36 cy	16.75 cy			4	23.88 cy			100.00 ft	16.75 cy	The placement of a sediment basin at this area of sheet flow will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this area of sheet flow indicate that the use of silt fence along the toe of slopes shall provide adequate sediment storage.
2302+00 to 2304+00	Right	0.26 acres	0.26 acres	17.51 cy	33.50 cy			4	23.88 cy			200.00 ft	33.50 cy	The placement of a sediment basin at this area of sheet flow will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this area of sheet flow indicate that the use of silt fence along the toe of slopes shall provide adequate sediment storage.