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
525+00 to 543+00	Left	3.46 acres	3.46 acres	231.75 cy	301.50 cy			4	23.88 cy			1800.00 ft	301.50 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.
527++19 (M-92)	Right	0.64 acres	0.64 acres	42.89 cy	2042.65 cy			4	23.88 cy	2	2042.65 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.
531++58 (M-93)	Right	0.95 acres	0.95 acres	63.90 cy	1046.83 cy			4	23.88 cy	1	1046.83 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.
538++09 (M-95)	Right	1.26 acres	1.26 acres	84.19 cy	1189.18 cy			4	23.88 cy	2	1189.18 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.
543+00 to 545+00	Left	0.17 acres	0.17 acres	11.27 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.
545+00 to 550+00	Left	1.05 acres	1.05 acres	70.25 cy	83.75 cy			4	23.88 cy			500.00 ft	83.75 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.
546++59 (M-97)	Left	0.74 acres	0.74 acres	49.54 cy	629.42 cy			4	23.88 cy	2	629.42 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.
550+00 to 561+00	Left	1.80 acres	1.80 acres	120.68 cy	184.25 cy			4	23.88 cy			1100.00 ft	184.25 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.
551++60 (M-98)	Left	1.43 acres	1.43 acres	95.81 cy	315.19 cy			4	23.88 cy	1	315.19 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.
561+00 to 586+00	Left	4.61 acres	4.61 acres	308.57 cy	418.75 cy			4	23.88 cy			2500.00 ft	418.75 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.
561++39 (M-100)	Left	1.20 acres	1.20 acres	80.12 cy	634.11 cy			4	23.88 cy	2	634.11 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.
575++59 (M-103)	Right	0.88 acres	0.88 acres	59.09 cy	1801.90 cy			4	23.88 cy	3	1801.90 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.
584++09 (M-105)	Left	1.25 acres	1.25 acres	83.63 cy	1147.71 cy			4	23.88 cy	2	1147.71 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.
586+00 to 592+00	Left	0.82 acres	0.82 acres	55.04 cy	100.50 cy			4	23.88 cy			600.00 ft	100.50 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.
591++08 (M-107)	Left	1.02 acres	1.02 acres	68.56 cy	906.66 cy			4	23.88 cy	2	906.66 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.
592+00 to 597+00	Left	1.01 acres	1.01 acres	67.57 cy	83.75 cy			4	23.88 cy			500.00 ft	83.75 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.
597++09 (M-109)	Left	0.87 acres	0.87 acres	58.21 cy	1333.53 cy			4	23.88 cy	2	1333.53 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.
597+00 to 600+00	Left	0.46 acres	0.46 acres	31.03 cy	50.25 cy			4	23.88 cy			300.00 ft	50.25 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.
599+00 to 603+00	Right	0.57 acres	0.57 acres	38.08 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.
599++58 (M-109A)	Left	0.65 acres	0.65 acres	43.60 cy	507.47 cy			4	23.88 cy	1	507.47 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.
600+00 to 620+00	Left	3.82 acres	3.82 acres	256.11 cy	335.00 cy			4	23.88 cy			2000.00 ft	335.00 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.
601++58 (M-110)	Right	1.18 acres	1.18 acres	78.87 cy	357.53 cy			4	23.88 cy	1	357.53 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.
603+00 to +622+00	Right	3.77 acres	3.77 acres	252.48 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.
609++59 (M-112)	Right	0.50 acres	0.50 acres	33.62 cy	611.76 cy			4	23.88 cy	2	611.76 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.