



LEGEND

DEPOSITION

- ELEV. CHANGE +1.0' TO +2.0'
- ELEV. CHANGE +0.5' TO +1.0'
- ELEV. CHANGE +0.2' TO +0.5'
- ELEV. CHANGE 0.0' TO +0.2'

SCOUR

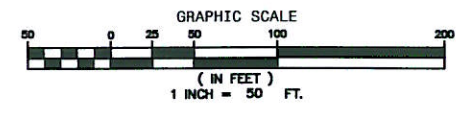
- ELEV. CHANGE 0.0' TO -0.2'
- ELEV. CHANGE -0.2' TO -0.5'
- ELEV. CHANGE -0.5' TO -1.0'
- ELEV. CHANGE -1.0' TO -2.0'

SM1 ✕ = SEDIMENT SAMPLE LOCATION

Mill Creek - Computed Amounts of Deposition
(values in cubic yards)

Area	Volume of Sediment Deposition
Headwaters	760
Previously Dredged Channel Area	890
TOTAL	1650

Note:
Sediment deposition and scour volumes calculated by comparing BayLand Existing Conditions Bathymetry (March 2006) to previous bathymetry data. The Previously Dredged Channel bathymetry is from DNR's December 2001 post dredging survey. The previous bathymetry data for the upper tidal area is from the survey performed by Andrews, Miller and Assoc. dated July 2001.



BayLand
Consultants & Designers, Inc.
"Integrating Engineering and Environment"

1321 Mercedes Drive, Suite C Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9405

BAYLAND JOB NO. 196

ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

REVISED DATE	BY	APPROVED DATE	APPROVED DATE	SCALE:	AS NOTED
				DRAWN BY: KSZ	04/18/08
				CHECKED BY: SB	12/28/00
				SHEET NO.	3 OF 3
				PROJECT NO.	Q4829100
				PROPOSAL NO.	Q4629101

MILL CREEK
AREAS OF SEDIMENT DEPOSITION
AND SCOUR
MAY 2006
(REVISED FOR SEDIMENT SAMPLE LOCATIONS - JUNE 2006)

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