

TABLE 1: BULK SEDIMENT TESTING PARAMETERS AND SAMPLE NUMBERS

Parameter	Method Reference	Method Number ¹	Project Required RL	RL Units	Number of Samples	Equipment Blank ²	Analytical Duplicates ³	MS/MSD	SRM	Total Number of Samples	Unit Price	Total Cost
BULK SEDIMENT TESTING PARAMETERS												
Total Solids/Water Content	ASTM	D-2216	1	%	29	0	2	2	0	33		
Total Organic Carbon⁴	SW-846	9060	0.1	%	29	0	0	0	1	30		
Metals	-	-	-	-	29	0	1	2	1	33		
<i>Arsenic</i>	SW 846	6020A	0.4	ppm								
<i>Cadmium</i>	SW 846	6020A	0.07	ppm								
<i>Chromium</i>	SW 846	6020A	0.5	ppm								
<i>Copper</i>	SW 846	6020A	0.5	ppm								
<i>Lead</i>	SW 846	6020A	0.5	ppm								
<i>Mercury</i>	SW 846	7474	0.02	ppm								
<i>Nickel</i>	SW 846	6020A	0.5	ppm								
<i>Zinc</i>	SW 846	6020A	1	ppm								
Poly-Aromatic Hydrocarbons <i>Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(g, h, i)perylene, Chrysene, Dibenzo(a,h)anthracene, Fluoranthene, Fluorene, Indeno(1, 2, 3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene</i>	SW-846	8270C-SIM	0.01	ppm	29	0	1	2	1	33		
Polychlorinated Biphenyls Congeners <i>8, 18, 28, 44, 49, 52, 66, 87, 101, 105, 118, 128, 138, 153, 170, 180, 183, 184, 187, 195, 206, 209</i>	SW-846	8082	0.001	ppm	29	0	1	2	1	33		
Pesticides <i>Aldrin, cis- & trans-Chlordane, cis- & trans-Nonachlor, 4,4'-DDT, DDD, DDE, Dieldrin, α & β Endosulfan, Endrin, Heptachlor, Heptachlor epoxide, Hexachlorobenzene, Lindane, Methoxychlor, Oxychlordane, Toxaphene (.025 ppm)</i>	SW-846	8081B	0.001	ppm	29	0	1	2	1	33		

TOTAL:

¹ The listed analytical methods are recommended but can be replaced by other methods that will meet the required reporting limits

² QC for equipment blanks includes Blank/LCS

³ Require an analytical duplicate per batch

⁴ Analyzed in duplicate in addition to SRM