Table 4-4
Sample Containers, Volume, and Preservation

Media	Contaminant Group	Containers/Volume	Preservation
Solid			
	VOCs	2 x 4 oz. Clear glass	4° C ± 2° C
	SVOCs	1 x 8 oz. Clear glass	4° C ± 2° C
	Pesticides/PCBs	1 x 8 oz. Clear glass	4° C ± 2° C
	PCB Congeners	1 x 8 oz. Clear glass	4° C ± 2° C
	Dioxin/Furans	1 x 4 oz. Clear glass	4° C ± 2° C
	TAL Metals	1 x 8 oz. Clear glass	4° C ± 2° C
	Methyl Mercury	1 x 4 oz. Clear glass	4° C ± 2° C
	TCLP Metals and SVOCs	2 x 4 oz. Clear glass	4° C ± 2° C
	AVS/SEM	1 x 4 oz. Clear glass	4° C ± 2° C
	TOC/Grain Size	1 x 4 oz. Clear glass	4° C ± 2° C
	10-day acute toxicity, *Hyalella azteca*		
	28-day acute toxicity, *Hyalella azteca*	1 - 128 oz. HPDE	4° C ± 2° C
	Bioluminescence tests with Microtox, *Vibrio fisheri*		
	10-day survival tests, *Ampelisca abdita*	2- 128 oz. HPDE	4° C ± 2° C
	28-day bioaccumulation tests, *Nereis Virens*	2 - 68 oz. HPDE	4° C ± 2° C
Surface Water			
	VOCs	2 x 40 ml Clear glass	4° C ± 2° C HCl to pH<2
	SVOCs	2 x 1 L Amber glass	4° C ± 2° C
	Pesticides/PCBs	2 x 1 L Amber glass	4° C ± 2° C
	Dioxin/Furans	2 x 1 L HPDE	4° C ± 2° C
	TAL Metals	2 x 1 L HPDE	4° C ± 2° C and HNO3 to pH<2 (Metals) NaOH to pH>12 (Cyanide)
Porewater	*Note: 6 - 128 oz HPDE of sediment were required to provide adequate volume for these analyses.*		
	SVOCs	2 x 500 ml Amber glass	4° C ± 2° C
	Pesticides/PCBs	2 x 500 ml Amber glass	4° C ± 2° C
	TAL Metals	2 x 60 ml HPDE	4° C ± 2° C and HNO3 to pH<2 (Metals)
	Embryo-larval assay, *Sciaenops ocellatus* Fertilization & development assays, *Arbacia punctulata* Germination assay, *Ulva spp.*	None Required	None Required
Tissue	VOCs	Aluminum Foil - 10 g	Frozen < 0^{o}C
	SVOCs	Aluminum Foil - 20 g	Frozen < 0^{o}C
	Pesticides/PCBs	Aluminum Foil - 10 g	Frozen < 0^{o}C
	PCB Congeners	Aluminum Foil - 10 g	Frozen < 0^{o}C
	Dioxin/Furans	Aluminum Foil - 10 g	Frozen < 0^{o}C
	TAL Metals	Aluminum Foil - 10 g	Frozen < 0^{o}C
	Methyl Mercury	Aluminum Foil - 5 g	Frozen < 0^{o}C