

Table 2-2
Sampling and Analysis Matrix for Surface Sediment - Waimanalo Stream

Bellows OU1 EE/CA, Bellows AFS, Hawaii

Location	Sample ID	QA/QC Parent Type	QA/QC Parent Sample ID	Depth			Sample Date	Analytical Methods												
				From	To	Unit		0/7000 E (TPH-E)	P (TPH-P)	1 (PEST)	2 (PCB)	A (HERB)	0 (VOCs)	0 (SVOC)	0 (PAHs)	/ SEM (NH3)	2 (Cyanid e)	60 (TOC)		
Site WS																				
WS-001	WS-SD001A	N		0	8	cm	#####	X	X	X	X	X	X	X	X	X	X	X	X	X
WS-002	WS-SD002A	N		0	6	cm	#####	X	X	X	X	X	X	X	X	X	X	X	X	X
WS-003	WS-SD003A	N		0	6	cm	#####	X	X	X	X	X	X	X	X	X	X	X	X	X
WS-003	WS-SD103A	FD	WS-SD003A	0	9	cm	#####	X	X	X	X	X	X	X	X	X	X	X	X	X
WS-004	WS-SD004A	N		0	10	cm	#####	X	X	X	X	X	X	X	X	X	X	X	X	X
WS-005	WS-SD005A	N		0	10	cm	#####	X	X	X	X	X	X	X	X	X	X	X	X	X
WSU-001	WSU-SD001,N			0	8	cm	#####	X	X	X	X	X	X	X	X	X	X	X	X	X
WSU-002	WSU-SD002,N			0	10	cm	#####	X	X	X	X	X	X	X	X	X	X	X	X	X

Notes:

Analytical Methods

TPH-P = total petroleum hydrocarbons (purgeable) (TPH-gasoline)

TPH-E = total petroleum hydrocarbons (extractable) (TPH-diesel)

VOCs = volatile organic compounds

SVOCs = semivolatile organic compounds

PAHs = polynuclear aromatic hydrocarbons

PEST = pesticides

PCB = polychlorinated biphenyls

HERB = herbicides

NH3 = ammonia as nitrogen

TOC = total organic carbon

AVS/SEM = Acid-volatile sulfides/simultaneously extracted metals

M = metals

SW6000 - aluminum, antimony, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, magnesium, manganese, nickel, potassium, silver, sodium, thallium, vanadium, and zinc

SW7000 - antimony, arsenic, lead, mercury, selenium, and thallium

QA/QC Types

N = normal environmental sample

FD = field duplicate

Abbreviations

cm = centimeter