

Table 2-1
Sampling and Analysis Matrix for Surface Water - Waimanalo Stream

Bellows OU1 EE/CA, Bellows AFS, Hawaii

Location	QA/QC Parent	Sample	Analytical Methods															
			SW600	SW8015-	SW8015-	SW808	SW808	SW8151	SW82	SW827	SW83	E350.	SW901	SW90	SW9056			
Sample ID	Type	Sample ID	0/7000	E (TPH-)	P (TPH-)	1	2	A	60	0	10	2	E354.	E365.	2	30	(Cl/SO4/N/)	
n		Date	(M)	E)	P)	(PEST)	(PCB)	(HERB)	(VOCs)	(SVOC)	(PAHs)	(NH3	1 (N)	3 (P)	(Cyanid	(Sulfid	P)	
Site WS																		
WS-001	WS-SW001A	N	#####	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WS-002	WS-SW002A	N	#####	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WS-003	WS-SW003A	N	#####	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WS-003	WS-SW103A	FD	WS-SW003	#####	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WS-004	WS-SW004A	N	#####	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WS-005	WS-SW005A	N	#####	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WSU-001	WSU-SW001	N	#####	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WSU-002	WSU-SW002	N	#####	X	X	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

Cl/SO4/N/P = chloride, sulfate, nitrate, and phosphate

N = Nitrite

NH3 = ammonia as nitrogen

P = total phosphorus

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