

Table 1-2

Site DP06: Maximum Contaminant Concentrations Detected in Surface Water and Sediment Samples (EA, 1996)

Bellows OU1 EE/CA, Bellows AFS, Hawaii

Surface Water Analytes	Maximum Value	AWQC	Exceeds AWQC?	Location		
Inorganics [total] (ug/L)						
Lead	1.2 B	8.1	No	BEDP0609		
Selenium	2.7 B	71	No	BEDP0609		
Zinc	85.8*	81.0	Yes	BEDP0609		
Sediment Analytes	Maximum Value	NOAA ERL	Exceeds NOAA ERL?	NOAA ERM	Exceeds NOAA ERM?	Location
Semivolatiles (ug/kg)						
Benzo(a)anthracene	240 J	261	Yes	1600	No	BEDP0610
Chrysene	380 J	384	No	2800	No	BEDP0610
Fluoroanthene	280 J	600	No	600	No	BEDP0610
Phenanthrene	230 J	240	No	1500	No	BEDP0610
Pyrene	750 J	0,665	Yes	2600	No	BEDP0610
Inorganics (mg/kg)						
Antimony	2.5 BN	---	---	---	---	BEDP0610
Arsenic	8.5	8.2	Yes	70	No	BEDP0610
Beryllium	0.64	---	---	---	---	BEDP0610
Cadmium	0.77 B	1.2	No	9.6	No	BEDP0610
Chromium	197 N	81	Yes	370	No	BEDP0610
Copper	97	34	Yes	270	No	BEDP0610
Lead	11	47	No	218	No	BEDP0610
Mercury	0.13 B	0.2	No	1	No	BEDP0610
Nickel	132	21	Yes	52	Yes	BEDP0610
Selenium	2.7	---	---	---	---	BEDP0610
Zinc	139	150	No	410	No	BEDP0610

Notes:

--- = Not applicable

J - Organic analyses; indicates an estimated value.

N - Spiked sample recovery not within control limits

* - Duplicate analyses not within control limits.

B - Inorganic analyses; reported value is less than the contract required detection Limit (CRDL), but greater than the instrument detection limit (IDL).

AWQC = 1995 Federal Ambient Water Quality Criteria, Marine Chronic (57 FR 60847, December 22, 1992; 60 FR 22229, updated May 4, 1995)

NOAA ERL = National Oceanic and Atmospheric Administration Effects-Range-Low

NOAA ERM = National Oceanic and Atmospheric Administration Effects-Range-Median