

Table 5-2a

**Concentrations of Chemicals Without Toxicity Factors or Screening Levels
Detected in Surface Water at Waimanalo Stream**

Bellows OU1 EE/CA, Bellows AFS, Hawaii

Chemical Group	Analyte	CAS	Unit	WSU-SW	WS-SW001A	WS-SW002A	WS-SW003A	WSD-SW
Chemicals Without Human Health Toxicity Factors								
PEST/PCB	delta-BHC	319-86-8	µg/L	1.00E-02 U	1.50E-02 M	1.00E-02 U	1.00E-02 U	1.00E-02 U
Chemicals Without Ecological Screening Levels¹								
METALS	Aluminum	7429-90-5	mg/L	0.34	0.05 F	0.05 F	0.055 F	0.09 F
METALS	Aluminum, dissolved	7429-90-5	mg/L	0.02 U	0.02 U	0.02 U	0.02 F	0.02 U
METALS	Barium	7440-39-3	mg/L	0.0044 F	0.0154	0.0167	0.0166	0.0124
METALS	Barium, dissolved	7440-39-3	mg/L	0.0058	0.0151	0.0167	0.0167	0.013
METALS	Manganese	7439-96-5	mg/L	0.0161	0.0741	0.0852	0.0898	0.0741
METALS	Manganese, dissolved	7439-96-5	mg/L	0.0072	0.0894	0.0809	0.086	0.0708
METALS	Vanadium	7440-62-2	mg/L	0.007 F	0.005 F	0.005 F	0.005 F	0.006 F
METALS	Vanadium, dissolved	7440-62-2	mg/L	0.004 F	0.006 F	0.004 F	0.0045 F	0.006 F
HERB	Dalapon	75-99-0	µg/L	0.93 U	0.93 U	0.93 U	0.93 U	52 J

Notes:

- µg/L = micrograms per liter
- mg/L = milligrams per liter

¹The surface water screening levels used for the ecological risk evaluation were the most stringent of Hawaii Department of Health (HDOH) Tier 1 action levels (excluding those based on human health risk), National Recommended Water Quality Criteria (64 FR 68357068364, December 10, 1998), or criteria based on lowest observed effects levels (LOELs) or proposed criteria for the protection of aquatic organisms.

Data Qualifiers

- F = The analyte was positively identified but the associated numerical value is below the reporting limit.
- J = The analyte was positively identified; the quantitation is an estimation.
- U = The analyte was not detected; the associated numerical value is below the method detection limit.
- M = A matrix effect was present.