

Table 5-24
Exceedances of Ecological Screening Criteria in Surface Water Samples
from Waimanalo Stream and the Off-Base Reference Area

Bellows OU1 EE/CA, Bellows AFS, Hawaii

		Screening Level				Reference Area			Waimanalo Stream				
Chemical Group	Chemical	CAS	Unit	Value	Source	REF-SW001	REF-SW002	REF-SW003	WSU	WS-001	WS-002	WS-003	WSD
PEST/PCB	4,4'-DDT	50-29-3	µg/L	0.001	HDOH Tier 1	ND	0.017 F	0.04 F	ND	ND	ND	0.09 D F	ND
PEST/PCB	Endosulfan I	959-98-8	µg/L	0.0087	Saltwater CCC	ND	ND	ND	ND	ND	0.01 F	ND	ND
PEST/PCB	Heptachlor epoxy	1024-57-1	µg/L	0.0036	Saltwater CCC	ND	ND	ND	ND	0.19 M	ND	0.06 D F	ND
METALS	Lead	7439-92-1	mg/L	0.0056	HDOH Tier 1	ND	ND	ND	ND	ND	ND	ND	0.007 F

Notes:

Bold and shading indicate that the concentration exceeds the screening level.

Chemical Groups

PEST/PCB = pesticides/polychlorinated biphenyls

Abbreviations

µg/L = micrograms per liter

mg/L = milligrams per liter

HDOH Tier 1 = Hawaii Department of Health Tier 1 action level

Saltwater CCC = Marine Chronic, National Recommended Water Quality Criteria (64 FR 68357-68364, December 10, 1998)

Data Qualifiers

D = Applied to averaged results when non "U" qualifiers are not identical.

F = The analyte was positively identified but the associated numerical value is below the reporting limit.

M = A matrix effect was present.

ND = Not detected.