

Table 5-3

Complete Comparison of Method Detection Limits for Surface Water Samples to Screening Levels

Bellows OU1 EE/CA, Bellows AFS, Hawaii

Chemical Group	Chemical	CAS	Units	Minimum MDL	Maximum MDL	Screening Level			
						Value	Source	MDL > Value?	Maximum MDL >
PEST	Chlordane (Alpha)	5103-71-9	µg/L	0.01	0.01	0.0040	Saltwater CCC	Yes	Yes
PEST	Chlordane (Gamma)	5103-74-2	µg/L	0.01	0.01	0.0040	Saltwater CCC	Yes	Yes
PEST	Dieldrin	60-57-1	µg/L	0.01	0.01	0.0019	Saltwater CCC	Yes	Yes
PEST	Endosulfan II	33213-65-9	µg/L	0.02	0.4	0.0087	Saltwater CCC	Yes	Yes
PEST	Endrin	72-20-8	µg/L	0.03	0.03	0.0023	Saltwater CCC	Yes	Yes
PEST	Heptachlor	76-44-8	µg/L	0.01	0.4	0.0036	Saltwater CCC	Yes	Yes
PCB	Aroclor-1016	12674-11-2	µg/L	0.051	0.051	0.030	Saltwater CCC	Yes	Yes
PCB	Aroclor-1221	11104-28-2	µg/L	0.08	0.08	0.030	Saltwater CCC	Yes	Yes
PCB	Aroclor-1232	11141-16-5	µg/L	0.13	0.13	0.030	Saltwater CCC	Yes	Yes
PCB	Aroclor-1242	53469-21-9	µg/L	0.29	0.29	0.030	Saltwater CCC	Yes	Yes
PCB	Aroclor-1248	12672-29-6	µg/L	0.086	0.086	0.030	Saltwater CCC	Yes	Yes
PCB	Aroclor-1254	11097-69-1	µg/L	0.12	0.12	0.030	Saltwater CCC	Yes	Yes
PCB	Aroclor-1260	11096-82-5	µg/L	0.069	0.069	0.030	Saltwater CCC	Yes	Yes
METALS	Silver, dissolved	7440-22-4_D	mg/L	0.002	0.002	0.0019	Saltwater CMC	Yes	Yes

Notes:

Chemical Groups

PEST= pesticides

PCB = polychlorinated biphenyls

Abbreviations

µg/L = micrograms per liter

mg/L = milligrams per liter

MDL = method detection limit

Saltwater CCC = Marine Chronic, National Recommended Water Quality Criteria (64 FR 68357-68364, December 1999)

Saltwater CMC = Marine Acute, National Recommended Water Quality Criteria (64 FR 68357-68364, December 1999)