

TABLE 5-2b

Concentrations of Chemicals Without Screening Levels Detected in Subsurface Soil at Site LF01
Bellows OU1 EE/CA, Bellows AFS, Hawaii

Chemical	Units	Frequency of Detection (%)*	Minimum Detected Concentration	Maximum Detected Concentration	95% UCL Concentration on the Mean
Landfill Materials					
TPH-Diesel	mg/kg	86%	2.1	48	35
TPH-Gasoline	mg/kg	43%	0.010	0.020	0.012
MCPA	mg/kg	17%	9.8	9.8	5.8
Native Materials Beneath the Landfill					
TPH-Diesel	mg/kg	17%	3.4	3.4	6.1
TPH-Gasoline	mg/kg	83%	0.0063	0.010	0.011
Dalapon	mg/kg	14%	0.47	0.47	0.20
Native Materials Outside the Landfill					
TPH-Diesel	mg/kg	83%	1.1	3.3	4.0
TPH-Gasoline	mg/kg	17%	0.010	0.010	0.0062

Notes:

* Six samples were collected for each medium and chemical except TPH in landfill materials (7) and dalapon in native materials beneath the landfill (7).

mg/kg = milligrams per kilogram

UCL = upper confidence limit

TABLE 5-2c

Concentrations of Chemicals Without Screening Levels Detected in Groundwater at Site LF01
Bellows OU1 EE/CA, Bellows AFS, Hawaii

Chemical	Units	Number of Samples	Frequency of Detection (%)	Minimum Detected Concentration	Maximum Detected Concentration
2,4,5-TP (Silvex)	µg/L	19	5%	0.029	0.029
2,4-D	µg/L	17	6%	0.21	0.21
2,4-DB	µg/L	12	17%	0.27	0.91
Aluminum, dissolved	mg/L	22	95%	0.020	0.14
Barium, dissolved	mg/L	22	100%	0.014	0.13
Cobalt, dissolved	mg/L	22	9%	0.0040	0.0060
Dalapon	µg/L	21	29%	2.0	830
Dichloroprop	µg/L	12	8%	0.21	0.21
Dinoseb	µg/L	19	5%	1.1	1.1
Endosulfan sulfate	µg/L	21	14%	0.033	1.1
Endrin aldehyde	µg/L	21	5%	0.20	0.20
Iron, dissolved	mg/L	22	86%	0.0030	1.0
m, p-Xylene	µg/L	20	5%	1.3	1.3
Manganese, dissolved	mg/L	22	100%	0.0097	2.0
MCPP	µg/L	22	9%	53	143
TPH-Diesel	mg/L	22	55%	0.030	0.14
TPH-Gasoline	mg/L	18	11%	0.010	0.015
Vanadium, dissolved	mg/L	22	95%	0.0040	0.0090

Notes:

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

UCL = upper confidence limit