

TABLE 5-11

Summary of Chemicals Detected in Subsurface Soil (Landfill Materials)
at Concentrations Exceeding Soil Action Levels

Bellows OU1 EE/CA, Bellows AFS, Hawaii

Chemical	Chemical Group	Units	SAL	Landfill Materials	
				Concentration (mg/kg) ¹	Concentration > SAL?
Butyl benzylphthalate	SVOC	mg/kg	3.40E-04	2.80E-01	YES ²
a-Chlordane	PEST/PCB	mg/kg	4.80E-04	1.66E-02	YES ³
Aroclor-1242	PEST/PCB	mg/kg	9.27E-03	3.84E-01	YES ⁴
Aroclor-1260	PEST/PCB	mg/kg	9.27E-03	6.67E-02	YES ⁵
Lead	METALS	mg/kg	4.00E+02	1.14E+03	YES ⁶

Notes:

¹The concentration is the lesser of either the maximum value or the 95% upper confidence (UCL) limit on the mean.

²Butyl benzylphthalate was detected at 1 of 7 sampling locations (LF01-050) at a concentration below the sample-specific reporting limit.

³a-Chlordane was detected at 3 of 4 sampling locations (LF01-018, LF01-030, and LF01-050) at concentrations below the sample-specific reporting limit.

⁴Aroclor-1242 was detected at 1 of 5 sampling locations (DP17A14) at a concentration below the sample-specific reporting limit.

⁵Aroclor-1260 was detected at 2 of 5 sampling locations (LF01-030 and LF01-050) at concentrations below the sample-specific reporting limit.

⁶Lead was detected at 8 of 8 sampling locations (DP17A14, LF01-013, LF01-018, LF01-020, LF01-030, LF01-038, LF01-040, and LF01-050) at concentrations above the sample-specific reporting limit.

PEST/PCB = pesticides/polychlorinated biphenyls

SVOC = semivolatile organic compounds

SAL = soil action level

mg/kg = milligrams per kilogram