

TABLE 4-8

Chemicals Detected in Subsurface Soil (Landfill Materials) at Site DP17A (EA, 1996)  
 Bellows OU1 EE/CA, Bellows AFS, Hawaii

Location				DP17A-014
Sample ID				DP17A14
Sampling Date				2/23/96
Depth (feet)				4-4.2
Chemical Group	Analyte	CAS	Units	
SVOC	Bis (2-ethylhexyl) phthalate	117-81-7	mg/kg	ND
SVOC	Di-n-butylphthalate	84-74-2	mg/kg	ND
PEST	4,4'-DDD	72-54-8	mg/kg	0.061
PEST	4,4'-DDE	72-55-9	mg/kg	0.17
PEST	4,4'-DDT	50-29-3	mg/kg	0.025 P
PEST	Endosulfan II	33213-65-9	mg/kg	ND
PEST	Endrin	72-20-8	mg/kg	ND
PEST	Endrin aldehyde	7421-93-4	mg/kg	ND
PEST	Heptachlor epoxide	1024-57-3	mg/kg	ND
PEST	Methoxychlor	72-43-5	mg/kg	ND
PCB	Aroclor-1242	53469-21-9	mg/kg	0.61
PCB	Aroclor-1254	11097-69-1	mg/kg	ND
PCB	Aroclor-1260	11096-82-5	mg/kg	ND
PAH	Acenaphthene	83-32-9	mg/kg	ND
PAH	Benzo (a) anthracene	56-55-3	mg/kg	ND
PAH	Benzo (a) pyrene	50-32-8	mg/kg	ND
PAH	Benzo (b) fluoranthene	205-99-2	mg/kg	ND
PAH	Benzo (g,h,i) perylene	191-24-2	mg/kg	ND
PAH	Benzo (k) fluoranthene	207-08-9	mg/kg	ND
PAH	Chrysene	218-01-9	mg/kg	ND
PAH	Fluoranthene	206-44-0	mg/kg	ND
PAH	Fluorene	86-73-7	mg/kg	ND
PAH	Indeno (1,2,3-c,d) pyrene	193-39-5	mg/kg	ND
PAH	Phenanthrene	85-01-8	mg/kg	ND
PAH	Pyrene	129-00-0	mg/kg	ND
METALS	Antimony	7440-36-0	mg/kg	16.7 BE
METALS	Arsenic	7440-38-2	mg/kg	54.9 E
METALS	Beryllium	7440-41-7	mg/kg	0.11 B
METALS	Cadmium	7440-43-9	mg/kg	18.7 N
METALS	Chromium	7440-47-3	mg/kg	90.3 E
METALS	Copper	7440-50-8	mg/kg	1,590
METALS	Lead	7439-92-1	mg/kg	1,670
METALS	Mercury	7439-97-6	mg/kg	0.33 B
METALS	Nickel	7440-02-0	mg/kg	177 EN
METALS	Selenium	7782-49-2	mg/kg	2.1 N
METALS	Silver	7440-22-4	mg/kg	3.8 B
METALS	Zinc	7440-66-6	mg/kg	1,400

**Notes:**Abbreviations

mg/kg = milligrams per kilogram

Chemical Groups

SVOC = semivolatile organic compounds

PEST = pesticides

PCB = polychlorinated biphenyls

PAH = polynuclear aromatic hydrocarbons

Data Qualifiers

B = The analyte was found in an associated blank, as well as in the sample.

N = *Organic* - presumptive evidence of compound; *Inorganic* - spiked sample recovery is not within control limits.

E = Reported value is estimated because of presence of interference (applies to inorganic parameters in PA/SI data).

P = Used for GC analysis when there is greater than 25% difference for detected concentrations between the two GC columns.

ND = not detected