

TABLE 5-1

Chemicals of Potential Concern for Site LF01
 Bellows OU1 EE/CA, Bellows AFS, Hawaii

Chemical Group	Chemical	CAS	Surface Soil	Subsurface Soil - Landfill Materials	Subsurface Soil - Native Materials Beneath Landfill	Subsurface Soil - Native Materials Outside Landfill Boundaries	Groundwater
VOC	1,2-DCB	95-50-1		X	X		
VOC	1,4-DCB	106-46-7		X	X		
VOC	Benzene	71-43-2	NA	X			
VOC	Bromomethane	74-83-9					X
VOC	TCE	79-01-6	NA	X	X	X	
VOC	Toluene	108-88-3	NA	X			X
VOC	Trichlorofluoromethane	75-69-4	NA	X			
VOC	m, p-Xylene	108-38-3/1	NA	X			X
TPH	TPH-Diesel	TPH-DIESEL	X	X	X	X	X
TPH	TPH-Gasoline	TPH-GASOLINE		X	X	X	X
SVOC	3,3'-Dichlorobenzidine	91-94-1	X	X	X	X	
SVOC	3-Nitroaniline	99-09-2		X	X		
SVOC	4-Chloroaniline	106-47-8	X	X	X	X	
SVOC	4-Nitroaniline	100-01-6		X	X	X	
SVOC	Benzoic acid	65-85-0	X				
SVOC	Bis (2-ethylhexyl) phthalate	117-81-7	X	X			X
SVOC	Butyl benzylphthalate	85-68-7	X	X			
SVOC	Di-n-butylphthalate	84-74-2	X				
SVOC	Di-n-octylphthalate	117-84-0	X				
SVOC	Diethyl phthalate	84-66-2	X				
PEST	4,4'-DDD	72-54-8	X	X	X	X	
PEST	4,4'-DDE	72-55-9	X	X	X	X	
PEST	4,4'-DDE/Dieldrin	72-55-9/60-57-1	X	NA	NA	NA	
PEST	4,4'-DDT	50-29-3	X	X	X	X	X
PEST	Aldrin	309-00-2	X	X	X	X	X
PEST	Chlordane (Alpha)	5103-71-9	X	X	X	X	
PEST	Chlordane (Gamma)	5103-74-2	X	X	X	X	X
PEST	Dieldrin	60-57-1	X	X	X	X	
PEST	Endosulfan I	959-98-8	X	X	X	X	
PEST	Endosulfan II	33213-65-9	X	X	X	X	X
PEST	Endosulfan sulfate	1031-07-8	X	X	X	X	X
PEST	Endrin	72-20-8	X	X	X	X	X
PEST	Endrin aldehyde	7421-93-4	X	X	X	X	X
PEST	Heptachlor	76-44-8	X	X	X	X	X
PEST	Heptachlor epoxide	1024-57-3	X	X	X	X	X
PEST	Methoxychlor	72-43-5	X	X	X	X	X
PEST	Toxaphene	8001-35-2	X	X	X	X	
PEST	alpha-BHC	319-84-6	X	X	X	X	
PEST	alpha-Chlordane/Endosulfan I	5103-71-9/959-98-8	X	NA	NA	NA	NA
PEST	beta-BHC	319-85-7	X	X	X	X	
PEST	delta-BHC	319-86-8	X	X	X	X	X
PEST	gamma-BHC (Lindane)	58-89-9	X	X	X	X	
PCB	Aroclor-1016	12674-11-2	X	X	X		
PCB	Aroclor-1221	11104-28-2	X				
PCB	Aroclor-1232	11141-16-5	X				
PCB	Aroclor-1242	53469-21-9	X	X			
PCB	Aroclor-1248	12672-29-6	X				
PCB	Aroclor-1254	11097-69-1	X				
PCB	Aroclor-1260	11096-82-5	X	X	X	X	
PAH	Acenaphthene	83-32-9	X				
PAH	Acenaphthylene	208-96-8	X				
PAH	Anthracene	120-12-7	X	X			
PAH	Benzo (a) anthracene	56-55-3	X	X	X		
PAH	Benzo (a) pyrene	50-32-8	X	X	X		
PAH	Benzo (b) fluoranthene	205-99-2	X	X	X		
PAH	Benzo (g,h,i) perylene	191-24-2	X	X	X		
PAH	Benzo (k) fluoranthene	207-08-9	X	X	X		
PAH	Chrysene	218-01-9	X	X	X		
PAH	Dibenzo (a,h) anthracene	53-70-3	X	X			

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Chemical Group	Chemical	CAS	Surface Soil	Subsurface Soil - Landfill Materials	Subsurface Soil - Native Materials Beneath Landfill	Subsurface Soil - Native Materials Outside Landfill Boundaries	Groundwater
PAH	Fluoranthene	206-44-0	X	X			
PAH	Fluorene	86-73-7	X				
PAH	Indeno (1,2,3-c,d) pyrene	193-39-5	X	X	X		
PAH	Phenanthrene	85-01-8	X	X	X		X
PAH	Pyrene	129-00-0	X	X	X		X
METALS	Aluminum	7429-90-5	X	X	X	X	NA
METALS	Aluminum, dissolved			NA	NA	NA	X
METALS	Antimony	7440-36-0	X	X	X		NA
METALS	Antimony, dissolved			NA	NA	NA	X
METALS	Arsenic	7440-38-2	X	X	X	X	NA
METALS	Arsenic, dissolved			NA	NA	NA	X
METALS	Barium	7440-39-3	X	X	X	X	NA
METALS	Barium, dissolved			NA	NA	NA	X
METALS	Beryllium	7440-41-7	X	X	X	X	NA
METALS	Cadmium	7440-43-9	X	X	X	X	NA
METALS	Chromium	7440-47-3	X	X	X	X	NA
METALS	Chromium, dissolved			NA	NA	NA	X
METALS	Cobalt	7440-48-4	X	X	X	X	NA
METALS	Cobalt, dissolved			NA	NA	NA	X
METALS	Copper	7440-50-8	X	X	X	X	NA
METALS	Copper, dissolved			NA	NA	NA	X
METALS	Iron	7439-89-6	X	X	X	X	NA
METALS	Iron, dissolved			NA	NA	NA	X
METALS	Lead	7439-92-1	X	X	X	X	NA
METALS	Lead, dissolved			NA	NA	NA	X
METALS	Manganese	7439-96-5	X	X	X	X	NA
METALS	Manganese, dissolved			NA	NA	NA	X
METALS	Mercury	7439-97-6	X	X	X		NA
METALS	Nickel	7440-02-0	X	X	X	X	NA
METALS	Nickel, dissolved			NA	NA	NA	X
METALS	Selenium	7782-49-2	X	X			NA
METALS	Selenium, dissolved						X
METALS	Silver	7440-22-4	X	X			NA
METALS	Thallium	7440-28-0	X	X	X		NA
METALS	Thallium, dissolved			NA	NA	NA	X
METALS	Vanadium	7440-62-2	X	X	X	X	NA
METALS	Vanadium, dissolved			NA	NA	NA	X
METALS	Zinc	7440-66-6	X	X	X	X	NA
METALS	Zinc, dissolved			NA	NA	NA	X
HERB	2,4,5-T	93-76-5	X	X	X	X	
HERB	2,4,5-TP (Silvex)	93-72-1	X	X	X	X	X
HERB	2,4-D	94-75-7	X	X	X	X	X
HERB	2,4-DB	94-82-6	X	X	X	X	X
HERB	Dalapon	75-99-0	X	X	X		X
HERB	Dicamba	1918-00-9	X	X			
HERB	Dichloroprop	120-36-5	X	X			X
HERB	Dinoseb	88-85-7	X	X	X	X	X
HERB	MCPA	94-74-6	X	X			X
HERB	MCPP	93-65-2	X	X	X	X	

Notes:Chemical Groups

VOC = volatile organic compounds

TPH = total petroleum hydrocarbons

SVOC = semivolatle organic compounds

PEST = pesticides

PCB = polychlorinated biphenyls

PAH = polynuclear aromatic hydrocarbons

HERB = herbicides

NA = Not analyzed