Table 1.14B
Average Concentration of SVOCs in Surface Soils
Pemaco Superfund Site, Maywood, CA

	Grid ID:	GP-SS-01	GP-SS-02	GP-SS-03	GP-SS-04	GP-SS-05	GP-SS-06	GP-SS-07	GP-SS-08	GP-SS-09	GP-SS-10	GP-SS-11	GP-SS-12	GP-SS-13	GP-SS-14	GP-SS-15	GP-SS-16	GP-SS-17	GP-SS-18	GP-SS-19	GP-SS-20
	Collection Depth:	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Collection Date:	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001
PARAMETER	**UNITS**																				
1,1'-Biphenyl	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	250	160	160	160	185	160	200
2,2'-oxybis(1-Chloropropane)	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
2,4,5-Trichlorophenol	µg/kg	455	450	440	450	445	470	440	500	450	470	455	455	455	1750	475	475	470	460	470	500
2,4,6-Trichlorophenol	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
2,4-Dichlorophenol	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
2,4-Dimethylphenol	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
2,4-Dinitrophenol	µg/kg	455	450	440	450	445	470	440	500	450	470	455	455	455	1750	475	475	470	460	470	500
2,4-Dinitrotoluene	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
2,6-Dinitrotoluene	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
2-Chloronaphthalene	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
2-Chlorophenol	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
2-Methylnaphthalene	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
2-Methylphenol	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
2-Nitroaniline	µg/kg	455	450	440	450	445	470	440	500	450	470	455	455	455	1750	475	475	470	460	470	500
2-Nitrophenol	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
3,3'-Dichlorobenzidine	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
3-Nitroaniline	µg/kg	455	450	440	450	445	470	440	500	450	470	455	455	455	1750	475	475	470	460	470	500
4,6-Dinitro-2-methylphenol	µg/kg	455	450	440	450	445	470	440	500	450	470	455	455	455	1750	475	475	470	460	470	500
4-Bromophenyl-phenylether	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
4-Chloro-3-methylphenol	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
4-Chloroaniline	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
4-Chlorophenyl-phenyl ether	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
4-Methylphenol	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	58
4-Nitroaniline	µg/kg	455	450	440	450	445	470	440	500	450	470	455	455	455	1750	475	475	470	460	470	500
4-Nitrophenol	µg/kg	455	450	440	450	445	470	440	500	450	470	455	455	455	1750	475	475	470	460	470	500
Acenaphthene	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	560	160	160	160	185	160	200
Acenaphthylene	µg/kg	180	180	150	180	150	160	460	200	180	160	180	180	180	6600	160	160	160	185	160	120
Acetophenone	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
Anthracene	µg/kg	180	180	150	180	150	160	310	200	180	160	37	180	180	12000	160	160	160	185	160	140
Atrazine	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
Benzaldehyde	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
Benzo(a)anthracene	µg/kg	270	64	71	130	55	75	1800	91	96	160	72	180	180	22000	160	160	160	185	160	330
Benzo(a)pyrene	µg/kg	520	62	83	150	60	80	2800	96	98	160	78	180	41	33000	160	160	160	185	160	300
Benzo(b)fluoranthene	µg/kg	560	74	99	160	77	96	2800	110	120	160	120	180	61	38000	160	160	160	185	160	490
Benzo(g,h,i)perylene	µg/kg	190	180	40	36	150	46	950	85	60	160	100	180	50	15000	160	160	160	185	160	74
Benzo(k)fluoranthene	µg/kg	140	180	150	66	150	44	1300	61	48	160	86	180	45	28000	160	160	160	185	160	370
bis(2-Chloroethoxy)methane	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
bis-(2-Chloroethyl) ether	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
bis(2-Ethylhexyl)phthalate	µg/kg	180	180	150	180	150	160	150	200	180	160	48	65	71	270	160	250	160	51	57	65
Butylbenzylphthalate	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
Caprolactam	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
Carbazole	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1800	160	160	160	185	160	200
Chrysene	µg/kg	310	78	77	170	64	110	2400	90	96	160	140	180	39	24000	160	160	160	185	160	380
Dibenzo(a,h)anthracene	µg/kg	57	180	150	180	150	160	270	200	180	160	180	180	180	5300	160	160	160	185	160	200
Dibenzofuran	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	690	160	160	160	185	160	200
Diethylphthalate	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
Dimethylphthalate	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
Di-n-butylphthalate	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
Di-n-octylphthalate	µg/kg	93	180	150	180	150	160	150	600	180	160	180	180	180	1200	160	160	160	185	160	200
Fluoranthene	µg/kg	340	120	120	320	85	220	3500	130	140	160	160	180	41	39000	160	160	160	185	160	910
Fluorene	µg/kg	180	180	150	180	150	160	61	200	180	160	180	180	180	5600	160	160	160	185	160	67
Hexachlorobenzene	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
Hexachlorobutadiene	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
Hexachlorocyclopentadiene	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
Hexachloroethane	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
Indeno(1,2,3-cd)pyrene	µg/kg	400	45	60	100	42	64	1700	71	71	160	45	180	180	19000	160	160	160	185	160	210
Isophorone	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
Naphthalene	µg/kg	180	180	150	180	150	160	55	200	180	160	180	180	180	470	160	160	160	185	160	200
Nitrobenzene	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
N-Nitroso-di-n-propylamine	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
N-Nitrosodiphenylamine	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
Pentachlorophenol	µg/kg	455	450	440	450	445	470	440	500	450	470	455	455	455	1750	475	475	470	460	470	500
Phenanthrene	µg/kg	54	79	42	180	150	120	2000	53	42	160	56	180	180	40000	160	160	160	185	160	880
Phenol	µg/kg	180	180	150	180	150	160	150	200	180	160	180	180	180	1200	160	160	160	185	160	200
Pyrene	µg/kg	530	160	160	440	130	280	4400	180	210	160	210	40	63	45000	160	43	160	185	160	1100
	Total SVOC	**15204**	**13102**	**11472**	**13812**	**11573**	**12415**	**34626**	**14767**	**13041**	**12880**	**12892**	**13645**	**12871**	**394940**	**12920**	**12893**	**12880**	**14091**	**12777**	**17894**

Notes:
(1.) All concentrations in µg/kg, or microgram per kilogram.

Table 1.14B
Average Concentration of SVOCs in Surface Soils
Pemaco Superfund Site, Maywood, CA

	Grid ID:	GP-SS-01	GP-SS-02	GP-SS-03	GP-SS-04	GP-SS-05	GP-SS-06	GP-SS-07	GP-SS-08	GP-SS-09	GP-SS-10	GP-SS-11	GP-SS-12	GP-SS-13	GP-SS-14	GP-SS-15	GP-SS-16	GP-SS-17	GP-SS-18	GP-SS-19	GP-SS-20
	Collection Depth:	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Collection Date:	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/27/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001
PARAMETER	**UNITS**																				

(2.) Samples analyzed by the following EPA Contract Laboratory Program (CLP) Method: Organic CLP SOW OLM04.
(3.) Half-values of detection limits were used when an analyte was not detected at or above the laboratory method detection limit.

Table 1.14B
Average Concentration of SVOCs in Surface Soils
Pemaco Superfund Site, Maywood, CA

	Grid ID:	GP-SS-21	GP-SS-22	GP-SS-23	GP-SS-24	GP-SS-25	GP-SS-26	GP-SS-27	GP-SS-28	GP-SS-29	GP-SS-30	GP-SS-31	GP-SS-35	GP-SS-36	GP-SS-37	GP-SS-38	GP-SS-39	GP-SS-41	GP-SS-42	GP-SS-43
	Collection Depth:	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Collection Date:	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	3/1/2001	3/1/2001	3/1/2001
PARAMETER	**UNITS**																			
1,1'-Biphenyl	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
2,2'-oxybis(1-Chloropropane)	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
2,4,5-Trichlorophenol	µg/kg	445	465	475	550	470	485	445	2150	445	430	500	490	430	445	490	485	900	440	4450
2,4,6-Trichlorophenol	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
2,4-Dichlorophenol	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
2,4-Dimethylphenol	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
2,4-Dinitrophenol	µg/kg	445	465	475	550	470	485	445	2150	445	430	500	490	430	445	490	485	900	440	2450
2,4-Dinitrotoluene	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
2,6-Dinitrotoluene	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
2-Chloronaphthalene	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
2-Chlorophenol	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
2-Methylnaphthalene	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
2-Methylphenol	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
2-Nitroaniline	µg/kg	445	465	475	550	470	485	445	2150	445	430	500	490	430	445	490	485	900	440	4450
2-Nitrophenol	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
3,3'-Dichlorobenzidine	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
3-Nitroaniline	µg/kg	445	465	475	550	470	485	445	2150	445	430	500	490	430	445	490	485	900	440	4450
4,6-Dinitro-2-methylphenol	µg/kg	445	465	475	550	470	485	445	2150	445	430	500	490	430	445	490	485	900	440	4450
4-Bromophenyl-phenylether	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
4-Chloro-3-methylphenol	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
4-Chloroaniline	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
4-Chlorophenyl-phenyl ether	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
4-Methylphenol	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
4-Nitroaniline	µg/kg	445	465	475	550	470	485	445	2150	445	430	500	490	430	445	490	485	900	440	4450
4-Nitrophenol	µg/kg	445	465	475	550	470	485	445	2150	445	430	500	490	430	445	490	485	900	440	4450
Acenaphthene	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Acenaphthylene	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Acetophenone	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Anthracene	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Atrazine	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Benzaldehyde	µg/kg	195	185	160	140	680	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Benzo(a)anthracene	µg/kg	195	185	64	140	160	92	195	850	150	160	200	195	160	57	195	59	1100	98	1450
Benzo(a)pyrene	µg/kg	195	98	160	140	160	130	195	850	150	160	200	195	160	68	195	75	1700	120	1450
Benzo(b)fluoranthene	µg/kg	195	99	160	140	160	190	195	850	150	160	200	195	160	86	195	140	3000	180	1450
Benzo(g,h,i)perylene	µg/kg	195	73	160	140	160	160	195	850	42	160	200	195	160	195	195	51	1600	45	1450
Benzo(k)fluoranthene	µg/kg	195	75	160	140	160	140	195	850	150	160	200	195	160	90	195	95	3100	140	1450
bis(2-Chloroethoxy)methane	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
bis-(2-Chloroethyl) ether	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
bis(2-Ethylhexyl)phthalate	µg/kg	59	120	160	140	690	53	195	6800	150	160	200	195	160	195	195	41	350	150	240
Butylbenzylphthalate	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Caprolactam	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Carbazole	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Chrysene	µg/kg	195	185	55	140	160	150	195	850	150	160	200	195	160	80	195	120	1500	160	1450
Dibenzo(a,h)anthracene	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	490	49	1450
Dibenzofuran	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Diethylphthalate	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Dimethylphthalate	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Di-n-butylphthalate	µg/kg	195	185	160	48	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Di-n-octylphthalate	µg/kg	195	480	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Fluoranthene	µg/kg	51	185	100	140	160	200	195	850	150	160	200	195	160	110	39	270	380	88	1450
Fluorene	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Hexachlorobenzene	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Hexachlorobutadiene	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Hexachlorocyclopentadiene	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Hexachloroethane	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Indeno(1,2,3-cd)pyrene	µg/kg	195	100	160	140	160	56	195	850	150	160	200	195	160	195	195	51	1400	140	1450
Isophorone	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Naphthalene	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Nitrobenzene	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
N-Nitroso-di-n-propylamine	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
N-Nitrosodiphenylamine	µg/kg	195	185	160	140	160	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Pentachlorophenol	µg/kg	445	465	475	550	470	485	445	2150	445	430	500	490	430	445	490	485	900	440	4450
Phenanthrene	µg/kg	195	185	110	140	160	69	195	850	150	160	200	195	160	42	195	250	350	150	1450
Phenol	µg/kg	195	185	160	140	83	160	195	850	150	160	200	195	160	195	195	160	350	150	1450
Pyrene	µg/kg	195	43	160	46	160	260	195	850	43	160	200	195	160	150	52	320	490	110	1450
	Total SVOCs	**14395**	**13873**	**12609**	**12194**	**13853**	**12740**	**14675**	**71600**	**11895**	**12560**	**15400**	**15035**	**12560**	**13798**	**14736**	**12712**	**38410**	**11700**	**115040**

Notes:
(1.) All concentrations in µg/kg, or microgram per kilogram.

Table 1.14B
Average Concentration of SVOCs in Surface Soils
Pemaco Superfund Site, Maywood, CA

Grid ID:		GP-SS-21	GP-SS-22	GP-SS-23	GP-SS-24	GP-SS-25	GP-SS-26	GP-SS-27	GP-SS-28	GP-SS-29	GP-SS-30	GP-SS-31	GP-SS-35	GP-SS-36	GP-SS-37	GP-SS-38	GP-SS-39	GP-SS-41	GP-SS-42	GP-SS-43
Collection Depth:		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Collection Date:		2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	3/1/2001	3/1/2001	3/1/2001
PARAMETER	**UNITS**																			

(2.) Samples analyzed by the following EPA Contract Laboratory Program (CLP) Method: Organic CLP SOW OLM04.
(3.) Half-values of detection limits were used when an analyte was not detected at or above the laboratory method detection limit.

Table 1.14B
Average Concentration of SVOCs in Surface Soils
Pemaco Superfund Site, Maywood, CA

	Grid ID:	GP-SS-47	GP-SS-48	GP-SS-49	GP-SS-50	GP-SS-51	GP-SS-52	GP-SS-53	GP-SS-54	GP-SS-55	GP-SS-56	GP-SS-57	GP-SS-58	GP-SS-59	GP-SS-60	GP-SS-61	GP-SS-62	GP-SS-63	GP-SS-69	GP-SS-70	GP-SS-71
	Collection Depth:	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Collection Date:	3/1/2001	3/1/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	3/1/2001	3/1/2001	2/28/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	2/28/2001	3/1/2001	3/1/2001
PARAMETER	**UNITS**																				
1,1'-Biphenyl	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
2,2'-oxybis(1-Chloropropane)	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
2,4,5-Trichlorophenol	µg/kg	475	485	475	465	500	550	485	470	500	460	450	445	455	460	465	445	465	500	450	470
2,4,6-Trichlorophenol	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
2,4-Dichlorophenol	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
2,4-Dimethylphenol	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
2,4-Dinitrophenol	µg/kg	475	485	475	465	500	550	485	940	500	460	450	445	455	460	465	445	465	500	450	470
2,4-Dinitrotoluene	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
2,6-Dinitrotoluene	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
2-Chloronaphthalene	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
2-Chlorophenol	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
2-Methylnaphthalene	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
2-Methylphenol	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
2-Nitroaniline	µg/kg	475	485	475	465	500	550	485	470	500	460	450	445	455	460	465	445	465	500	450	470
2-Nitrophenol	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
3,3'-Dichlorobenzidine	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
3-Nitroaniline	µg/kg	475	485	475	465	500	550	485	470	500	460	450	445	455	460	465	445	465	500	450	470
4,6-Dinitro-2-methylphenol	µg/kg	475	485	475	465	500	550	485	470	500	460	450	445	455	460	465	445	465	500	450	470
4-Bromophenyl-phenylether	µg/kg	950	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
4-Chloro-3-methylphenol	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
4-Chloroaniline	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
4-Chlorophenyl-phenyl ether	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
4-Methylphenol	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
4-Nitroaniline	µg/kg	475	485	475	465	500	550	485	470	500	460	450	445	455	460	465	445	465	500	450	470
4-Nitrophenol	µg/kg	475	485	475	465	500	550	485	470	500	460	450	445	455	460	465	445	465	500	450	470
Acenaphthene	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Acenaphthylene	µg/kg	130	160	160	185	200	220	160	160	61	185	180	150	180	185	185	150	130	200	180	160
Acetophenone	µg/kg	160	160	160	185	200	220	160	160	200	40	180	150	41	185	185	150	185	200	180	160
Anthracene	µg/kg	130	160	160	185	200	220	160	160	130	185	180	150	180	185	185	150	74	200	180	160
Atrazine	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Benzaldehyde	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	56	185	185	150	185	200	180	160
Benzo(a)anthracene	µg/kg	620	160	130	88	200	220	180	160	270	450	140	79	290	78	185	92	560	200	180	160
Benzo(a)pyrene	µg/kg	830	210	130	100	200	220	170	160	210	1000	160	150	590	160	40	140	670	200	180	160
Benzo(b)fluoranthene	µg/kg	540	140	140	150	200	55	210	160	280	1900	200	200	720	190	185	250	650	200	180	160
Benzo(g,h,i)perylene	µg/kg	120	160	110	185	200	220	84	160	73	720	160	120	400	110	185	200	380	200	180	50
Benzo(k)fluoranthene	µg/kg	770	150	52	110	200	58	68	160	290	600	100	180	510	210	45	75	440	200	180	160
bis(2-Chloroethoxy)methane	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
bis-(2-Chloroethyl) ether	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
bis(2-Ethylhexyl)phthalate	µg/kg	160	160	160	185	200	220	160	160	50	50	78	85	120	185	65	150	185	140	180	110
Butylbenzylphthalate	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Caprolactam	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	90	150	185	200	180	160
Carbazole	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Chrysene	µg/kg	790	200	120	110	200	220	210	160	330	790	170	110	380	110	46	100	590	200	180	51
Dibenzo(a,h)anthracene	µg/kg	130	43	160	185	200	220	160	160	200	270	180	73	88	76	185	40	66	200	180	160
Dibenzofuran	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Diethylphthalate	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Dimethylphthalate	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Di-n-butylphthalate	µg/kg	160	160	160	185	200	53	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Di-n-octylphthalate	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Fluoranthene	µg/kg	1600	350	190	220	200	62	460	160	480	290	130	54	230	42	66	57	1100	200	180	40
Fluorene	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Hexachlorobenzene	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Hexachlorobutadiene	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Hexachlorocyclopentadiene	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Hexachloroethane	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Indeno(1,2,3-cd)pyrene	µg/kg	640	180	95	66	200	220	120	160	110	960	160	190	600	190	185	160	430	200	180	160
Isophorone	µg/kg	160	160	160	185	200	220	160	160	200	185	1500	150	180	185	185	150	185	200	180	160
Naphthalene	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Nitrobenzene	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
N-Nitroso-di-n-propylamine	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
N-Nitrosodiphenylamine	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Pentachlorophenol	µg/kg	475	485	475	465	500	550	485	470	500	460	450	445	455	460	465	445	465	500	450	470
Phenanthrene	µg/kg	740	130	66	74	200	220	170	160	290	52	180	150	47	185	57	150	450	200	180	160
Phenol	µg/kg	160	160	160	185	200	220	160	160	200	185	180	150	180	185	185	150	185	200	180	160
Pyrene	µg/kg	2000	480	310	310	200	73	660	160	630	340	200	73	320	55	100	65	1400	200	180	55
	Total SVOCs	**20670**	**13443**	**12663**	**13828**	**15400**	**16141**	**13732**	**13350**	**16004**	**19282**	**14878**	**11774**	**15772**	**13596**	**13294**	**11789**	**18800**	**15340**	**13860**	**12386**

Notes:
(1.) All concentrations in µg/kg, or microgram per kilogram.

Table 1.14B
Average Concentration of SVOCs in Surface Soils
Pemaco Superfund Site, Maywood, CA

Grid ID:		GP-SS-47	GP-SS-48	GP-SS-49	GP-SS-50	GP-SS-51	GP-SS-52	GP-SS-53	GP-SS-54	GP-SS-55	GP-SS-56	GP-SS-57	GP-SS-58	GP-SS-59	GP-SS-60	GP-SS-61	GP-SS-62	GP-SS-63	GP-SS-69	GP-SS-70	GP-SS-71
Collection Depth:		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Collection Date:		3/1/2001	3/1/2001	2/28/2001	2/28/2001	2/28/2001	2/28/2001	3/1/2001	3/1/2001	2/28/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	2/28/2001	3/1/2001	3/1/2001
PARAMETER	**UNITS**																				

(2.) Samples analyzed by the following EPA Contract Laboratory Program (CLP) Method: Organic CLP SOW OLM04.
(3.) Half-values of detection limits were used when an analyte was not detected at or above the laboratory method detection limit.

Table 1.14B
Average Concentration of SVOCs in Surface Soils
Pemaco Superfund Site, Maywood, CA

	Grid ID:	GP-SS-72	GP-SS-73	GP-SS-74	GP-SS-75	GP-SS-76	GP-SS-77	GP-SS-78	GP-SS-84	GP-SS-85	GP-SS-86	GP-SS-87	RAN-SS-1	RAN-SS-2	RAN-SS-3	RAN-SS-4	RAN-SS-5	**Average Concentration (µg/kg)**
	Collection Depth:	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
	Collection Date:	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	
PARAMETER	**UNITS**																	
1,1'-Biphenyl	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	202.73
2,2'-oxybis(1-Chloropropane)	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
2,4,5-Trichlorophenol	µg/kg	485	485	475	465	485	485	475	500	500	475	460	475	470	460	465	470	568.33
2,4,6-Trichlorophenol	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
2,4-Dichlorophenol	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
2,4-Dimethylphenol	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
2,4-Dinitrophenol	µg/kg	485	970	475	465	485	485	475	500	500	475	460	475	470	460	465	470	554.40
2,4-Dinitrotoluene	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
2,6-Dinitrotoluene	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
2-Chloronaphthalene	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
2-Chlorophenol	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
2-Methylnaphthalene	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
2-Methylphenol	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
2-Nitroaniline	µg/kg	485	485	475	465	485	485	475	500	500	475	460	475	470	460	465	470	568.33
2-Nitrophenol	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
3,3'-Dichlorobenzidine	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
3-Nitroaniline	µg/kg	485	485	475	465	485	485	475	500	500	475	460	475	470	460	465	470	568.33
4,6-Dinitro-2-methylphenol	µg/kg	485	485	475	465	485	485	475	500	500	475	460	475	470	460	465	470	568.33
4-Bromophenyl-phenylether	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	225.93
4-Chloro-3-methylphenol	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
4-Chloroaniline	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
4-Chlorophenyl-phenyl ether	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
4-Methylphenol	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	213.51
4-Nitroaniline	µg/kg	485	485	475	465	485	485	475	500	500	475	460	475	470	460	465	470	568.33
4-Nitrophenol	µg/kg	485	485	475	465	485	485	475	500	500	475	460	475	470	460	465	470	568.33
Acenaphthene	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	206.87
Acenaphthylene	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	287.48
Acetophenone	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	211.61
Anthracene	µg/kg	160	160	160	185	160	160	160	205	200	99	185	160	160	185	185	160	355.20
Atrazine	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
Benzaldehyde	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	220.68
Benzo(a)anthracene	µg/kg	160	160	46	98	160	160	160	205	200	160	59	160	57	185	40	170	516.35
Benzo(a)pyrene	µg/kg	160	160	54	76	160	160	160	205	200	130	62	160	58	185	53	170	703.56
Benzo(b)fluoranthene	µg/kg	160	160	66	62	160	160	160	205	200	250	100	160	65	185	185	180	813.40
Benzo(g,h,i)perylene	µg/kg	160	160	160	185	160	160	160	205	200	93	59	160	160	185	185	100	411.48
Benzo(k)fluoranthene	µg/kg	160	160	39	71	160	160	160	205	200	72	51	160	38	185	38	69	615.21
bis(2-Chloroethoxy)methane	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
bis-(2-Chloroethyl) ether	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
bis(2-Ethylhexyl)phthalate	µg/kg	160	160	160	185	960	160	51	205	200	760	1400	160	1700	185	83	4600	360.96
Butylbenzylphthalate	µg/kg	160	160	160	185	160	160	160	205	200	160	54	160	160	185	185	160	213.65
Caprolactam	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	214.13
Carbazole	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	223.40
Chrysene	µg/kg	160	160	44	140	160	160	160	205	200	170	98	76	84	185	50	170	569.44
Dibenzo(a,h)anthracene	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	262.96
Dibenzofuran	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	208.60
Diethylphthalate	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
Dimethylphthalate	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
Di-n-butylphthalate	µg/kg	160	160	160	185	160	160	160	205	200	160	120	160	160	185	185	160	211.08
Di-n-octylphthalate	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	223.51
Fluoranthene	µg/kg	160	160	40	150	160	160	160	205	200	270	94	160	89	39	73	420	799.80
Fluorene	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	271.11
Hexachlorobenzene	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
Hexachlorobutadiene	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
Hexachlorocyclopentadiene	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
Hexachloroethane	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
Indeno(1,2,3-cd)pyrene	µg/kg	160	160	48	53	160	160	160	205	200	130	54	160	160	185	44	99	488.65
Isophorone	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	233.00
Naphthalene	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	204.40
Nitrobenzene	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
N-Nitroso-di-n-propylamine	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
N-Nitrosodiphenylamine	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	215.40
Pentachlorophenol	µg/kg	485	485	475	465	485	485	475	500	500	475	460	475	470	460	465	470	568.33
Phenanthrene	µg/kg	160	160	160	38	160	160	160	205	200	98	41	160	160	185	185	190	753.20
Phenol	µg/kg	160	160	160	185	160	160	160	205	200	160	185	160	160	185	185	160	214.37
Pyrene	µg/kg	160	160	64	190	160	160	160	205	200	230	100	56	110	57	98	600	927.08
	Total SVOCs	**13000**	**13485**	**12041**	**13478**	**13800**	**13000**	**12811**	**15685**	**15400**	**13462**	**14112**	**12732**	**13801**	**13951**	**13264**	**17888**	
																Total Average SVOCs		**21711.89**

(1.) All concentrations in µg/kg, or microgram per kilogram.

Table 1.14B
Average Concentration of SVOCs in Surface Soils
Pemaco Superfund Site, Maywood, CA

	Grid ID:	GP-SS-72	GP-SS-73	GP-SS-74	GP-SS-75	GP-SS-76	GP-SS-77	GP-SS-78	GP-SS-84	GP-SS-85	GP-SS-86	GP-SS-87	RAN-SS-1	RAN-SS-2	RAN-SS-3	RAN-SS-4	RAN-SS-5	**Average Concentration (µg/kg)**
	Collection Depth:	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
	Collection Date:	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	3/1/2001	
PARAMETER	**UNITS**																	

(2.) Samples analyzed by the following EPA Contract Laboratory Program (CLP) Method: Organic CLP SOW OLM04.
(3.) Half-values of detection limits were used when an analyte was not detected at or above the laboratory method detection limit.