RAYMARK INDUSTRIES INC
DOCKET NO. I-87-1057
GROUNDWATER DATA
ASBESTOS ANALYSIS
AQUEOUS ANALYTICAL RESULTS (MF/L)

Sample ID	Date Received	Parameter	Mean	Mean Qualifier	Upper 95%	Upper 95% Qualifier	Lower 95%	Units
GW A1-1	2/6/94	chrysotile	1.71	J	2.99		0.66	MFL
GW A2	2/6/94	asbestos			0.65	U		MFL
GW A4-2	2/6/94	chrysotile	3.1	J	4.94		1.78	MFL
GW B1-1	2/23/94	chrysotile	3.23	J	5.17		1.82	MFL
GW B2-1	2/23/94	chrysotile	1.4	J	2.87		0.56	MFL
GW B3	2/23/94	chrysotile	315.36	J	389.12		242.19	MFL
GW B4-2	2/23/94	chrysotile	2.52	J	4.33		1.35	MFL
GW C1-1	3/18/94	asbestos			0.69	U		MFL
GW D1-1	2/6/94	asbestos			0.72	U		MFL
GW E1-1	3/18/94	asbestos			0.69	U		MFL
GW E2	3/8/94	asbestos			0.75	U		MFL
GW E3	3/18/94	chrysotile			1.05	U		MFL
GW E4-1	3/18/94	chrysotile	1.54	J	2.98		0.65	MFL
GW E5	3/8/94	asbestos			0.68	U		MFL
GW E6	3/18/94	chrysotile	1.37	J	2.84		0.55	MFL
GW F1-1	2/23/94	chrysotile	4.28	J	6.72		2.84	MFL
GW F2	2/23/94	chrysotile	1.4	J	2.76		0.61	MFL
GW F3	2/23/94	chrysotile			1.08	U		MFL
GW F4	2/23/94	chrysotile			1.41	U		MFL
GW G1-1	2/23/94	chrysotile	6.65	J	8.76		4.54	MFL
GW G2	2/23/94	chrysotile	6.03	J	8.67		3.38	MFL
GW G3	3/18/94	asbestos			0.7	U		MFL
GW G4	2/23/94	asbestos			0.72	U		MFL
GW G5	3/1/94	asbestos			0.16	U		MFL
GW G6	3/18/94	chrysotile	18.88	J	30.69		10.81	MFL
GW H1-1	2/23/94	chrysotile	1.23	J	2.6		0.44	MFL
GW H2-1	2/23/94	chrysotile	904.8	J	1070.1		722.1	MFL
GW H3	3/8/94	asbestos	40.56		79.43		1.7	MFL
GW H4	3/8/94	asbestos	6.1		8.6		3.59	MFL
GW I1	2/6/94	chrysotile	1191.3	J	1541.76		1118.65	MFL
GW I2	2/6/94	chrysotile	12.62	J	17.2		8.04	MFL
GW I3	2/6/94	chrysotile	9	J	12.27		5.73	MFL
GW I4	2/6/94	chrysotile	1.19	J	2.61		0.44	MFL
GW J1-1	3/8/94	asbestos	1.05		2.45		0.34	MFL
GW J2-1	3/8/94	asbestos			8.86	U		MFL
GW J3	3/8/94	asbestos	4.46		8.71		2.1	MFL
GW J4	3/8/94	asbestos			0.67	U		MFL
GW J5	3/18/94	chrysotile	7.68	J	11.28		4.08	MFL
GW K1	2/16/94	chrysotile	414.13	J	554.42		273.84	MFL
GW K2	2/16/94	chrysotile	54	J	80.14		34.61	MFL
GW K3	2/16/94	chrysotile	1.4	J	4.07		0.57	MFL
GW K4	2/8/94	chrysotile	6.3	J	9.97		3.74	MFL

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Sample ID	Date Received	Parameter	Mean	Mean Qualifier	Upper 95%	Upper 95% Qualifier	Lower 95%	Units
GW K5	2/16/94	chrysotile	17.52	J	23.55		11.5	MFL
GW L1	3/1/94	chrysotile	58.38	J	90.72		26.05	MFL
GW L2	3/1/94	chrysotile			1.84	U		MFL
GW L3-1	3/1/94	chrysotile	21	J	21.3		20.69	MFL
GW L4	3/8/94	asbestos			0.73	U		MFL
GW L5	3/1/94	chrysotile	10.54	J	15.7		5.38	MFL
GW M1	2/16/94	chrysotile	159.17	J	247.64		70.78	MFL
GW M2	3/8/94	asbestos	2066.75		2625.84		1507.66	MFL
GW M3	2/16/94	asbestos			0.65	U		MFL
GW M4	2/16/94	chrysotile	4.82	J	7.35		3.22	MFL
GW M5	2/16/94	chrysotile	1.39	J	2.87		0.56	MFL
GW N1	3/18/94	asbestos			0.71	U		MFL
GW N3	3/18/94	asbestos			0.76	U		MFL
GW N4-1	3/18/94	asbestos			0.73	U		MFL
GW O1	3/18/94	chrysotile			1.1	U		MFL
GW O2	3/18/94	asbestos			0.69	U		MFL
GW O3-1	3/18/94	asbestos			0.73	U		MFL
GW O4-1	3/18/94	asbestos			0.71	U		MFL
GW P1 (T2)	3/8/94	asbestos			0.73	U		MFL
GW O1 (T1)	3/18/94	asbestos			0.69	U		MFL
GW V1	3/1/94	chrysotile			1.98	U		MFL
GW V2	3/1/94	asbestos			0.73	U		MFL
GW V3	3/1/94	chrysotile	9.09	J	12.24		5.95	MFL
GW V4	3/8/94	asbestos			0.91	U		MFL
GW W1	2/8/94	chrysotile	549	J	608.4		489.6	MFL
GW W3	2/8/94	chrysotile	9.12	J	13.42		4.87	MFL
GW W4-1	2/8/94	chrysotile	303.98	J	406.47		199.5	MFL

Notes:
No raw data for GW-O2.
Summary results have not been assessed against raw data.

Phase IIB Soil Summary Statistics

Parameter	Units	No. Detects	No. Samples	Detection Frequency	Det Limits of NDs Minimum	Det Limits of NDs Maximum	Maximum Detected	Arithmetic Mean	Standard Deviation	95% UCL [note a]	Location of Max	Depth (ft) Upper	Depth (ft) Lower
Total Asbestos, high	%	63	69	91			25	9.6	5.9	10.8	SB 41	4	6
Total Asbestos, low	%	63	69	91			20	5.7	4.8	6.7	SB 41	4	6
Actinolite	%	0	68	0									
Amosite	%	0	68	0									
Anthropholite	%	0	68	0									
Cellulose	%	0	1	0									
Cellulose, high	%	68	68	100			40	9.7	8.7	11.4	SB 1	4	6
Cellulose, high	%	68	68	100			40	9.7	8.7	11.4	SB 8	8	10
Cellulose, high	%	68	68	100			40	9.7	8.7	11.4	SB 12	6	8
Cellulose, low	%	68	68	100			35	5.9	8.0	7.5	SB 1	4	6
Cellulose, low	%	68	68	100			35	5.9	8.0	7.5	SB 12	6	8
Cellulose, low	%	68	68	100			35	5.9	8.0	7.5	SB 8	8	10
Chrysotile	%	0	6	0									
Chrysotile, high	%	63	63	100			25	10.6	5.3	11.7	SB 41	4	6
Chrysotile, low	%	63	63	100			20	6.3	4.6	7.2	SB 41	4	6
Crocidilite	%	0	68	0									
Glass	%	0	64	0									
Glass, high	%	5	5	100			10	5.4	2.9	8.1	MW L4	4	6
Glass, low	%	5	5	100			5	2.4	1.5	3.8	MW L4	4	6
Matrix (Soil), high	%	69	69	100			98	85.8	10.8	87.9	SB 49	2	4
Matrix (Soil), high	%	69	69	100			98	85.8	10.8	87.9	SB 75	5	6
Matrix (Soil), low	%	69	69	100			95	76.8	12.1	79.2	SB 75	5	6
Matrix (Soil), low	%	69	69	100			95	76.8	12.1	79.2	SB 49	2	4
Synthetic	%	0	63	0									
Tremolite	%	0	68	0									
Vermiculite, high	%	17	17	100			60	13.2	13.2	18.8	SB 7	4	6
Vermiculite, low	%	17	17	100			55	8.8	12.9	14.3	SB 7	4	6

Parameter	Units	No. Detects	No. Samples	Detection Frequency	Det Limits of NDs Minimum	Det Limits of NDs Maximum	Maximum Detected	Arithmetic Mean	Standard Deviation	95% UCL [note a]	Location of Max	Depth (ft) Upper	Depth (ft) Lower
Inorganics/pH/TPH													
Antimony	mg/kg	18	135	13	0.55	27.1	14.1	2.8	2.5	3.2	SB 30	5	7
Arsenic	mg/kg	126	143	88	2.3	51.2	189	10.3	19.6	13.0	SB 43	6	8
Barium	mg/kg	143	143	100			12600	1,089.7	2,271.1	1,404.2	SB 13	2	6
Beryllium	mg/kg	87	143	61	0.02	41.4	0.88	1.2	2.9	1.6	SB 44	10	12
Cadmium	mg/kg	31	143	22	0.18	41.4	8	1.4	3.0	1.9	SB 38	3	7.5
Chromium	mg/kg	142	143	99	55.5	55.5	684	50.2	90.5	62.7	SB 38	3	7.5
Cobalt	mg/kg	113	143	79	5.7	414	130	17.5	30.2	21.7	MW L4	2	8
Copper	mg/kg	137	143	96	32.2	139	56900	2,858.0	7,282.2	3,866.4	SB 20	6	8
Lead	mg/kg	143	143	100			52700	3,986.5	9,546.8	5,308.3	MW L4	2	8
Mercury	mg/kg	9	143	6	0.25	1.5	15.1	0.4	1.4	0.6	SB 4	8	8.5
Nickel	mg/kg	138	143	97	0.4	222	957	104.5	196.6	131.8	SB 44	10	12
Selenium	mg/kg	36	142	25	0.06	27.5	8.8	1.7	2.3	2.1	SB 43	6	8
Silver	mg/kg	12	86	14	0.37	3.4	25.9	0.8	2.8	1.3	MW L4	2	8
Thallium	mg/kg	13	143	9	0.06	27.5	8.2	1.2	2.0	1.4	SB 43	6	8
Tin	mg/kg	40	84	48	5.6	51.3	219	19.5	31.5	25.2	SB 68	4	8
Vanadium	mg/kg	122	143	85	6	414	114	26.9	26.8	30.6	SB 52-1	2	4
Zinc	mg/kg	140	143	98	0.3	45.9	8700	611.9	1,302.9	792.3	MW W4	2	8
pH	pH	143	143	100			9.5	7.5	0.8	7.6	SB 44	1.5	4
Cyanide, Total (DW)	mg/kg	27	130	21	0.07	3.5	57.3	1.3	6.2	2.2	SB 52-1	2	6
Sulfide (DW)	mg/kg	3	124	2	0.49	290	5400	77.2	482.5	149.0	SB 44	10	12
Total Organic Carbon	mg/kg	57	57	100			44	8.4	12.0	11.1	MW G4	10	14
TPH	mg/kg	22	36	61	87	220	55000	6,191.6	14,880.6	10,382.3	SB 10	4	6
Fuel Oil #2	mg/kg	11	20	55	86	110	16000	1,750.5	4,552.5	3,510.8	SB 7	8	12
Fuel Oil #4	mg/kg	0	56	0	86	4900		203.9	448.2	304.1			
Fuel Oil #6	mg/kg	0	56	0	86	4900		203.9	448.2	304.1			
Gasoline	mg/kg	0	56	0	86	4900		203.9	448.2	304.1			

Parameter	Units	No. Detects	No. Samples	Detection Frequency	Det Limits of NDs Minimum	Det Limits of NDs Maximum	Maximum Detected	Arithmetic Mean	Standard Deviation	95% UCL [note a]	Location of Max	Depth (ft) Upper	Depth (ft) Lower
Semivolatile Organics													
1,2,4,5-Tetrachlorobenzene	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
1,2,4-Trichlorobenzene	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
1,4-Naphthoquinone	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
1-Naphthylamine	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
2,3,4,6-Tetrachlorophenol	ug/kg	0	135	0	1300	140000		2,137.0	6,886.7	3,118.8			
2,4,5-Trichlorophenol	ug/kg	5	135	4	3100	320000	6400	4,760.1	15,780.7	7,009.9	SB 4	8	8.5
2,4,6-Trichlorophenol	ug/kg	5	135	4	680	71000	6600	1,100.7	3,512.4	1,601.4	SB 4	8	8.5
2,4-Dichlorophenol	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
2,4-Dimethylphenol	ug/kg	36	138	26	680	15000	2500000	23,909.8	218,224.7	54,676.2	SB 10	2	6
2,4-Dinitrophenol	ug/kg	1	135	1	3100	180000	140000	4,778.5	14,387.1	6,829.6	SB 10	2	6
2,4-Dinitrotoluene	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
2,6-Dichlorophenol	ug/kg	0	135	0	680	71000		1,092.0	3,490.8	1,589.7			
2,6-Dinitrotoluene	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
2-Acetylaminofluorene	ug/kg	1	136	1	1300	140000	270	2,173.7	6,864.7	3,148.7	MW K4	6	12
2-Chloronaphthalene	ug/kg	1	136	1	680	71000	100	1,113.9	3,490.0	1,609.6	SB 9-1	0	2
2-Chlorophenol	ug/kg	0	135	0	680	71000		1,092.0	3,490.8	1,589.7			
2-Methylnaphthalene	ug/kg	45	138	33	680	8800	75000	2,423.1	9,351.9	3,741.5	SB 43	6	8
2-Naphthylamine	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
2-Nitroaniline	ug/kg	0	136	0	3100	320000		5,033.8	15,812.1	7,279.7			
2-Nitrophenol	ug/kg	1	135	1	680	39000	160000	2,014.3	13,818.1	3,984.2	SB 10	2	6
2-Picoline	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
3,3'-Dichlorobenzidine	ug/kg	1	136	1	1300	140000	71	2,174.1	6,864.8	3,149.1	MW O4	18	26
3,3'-Dimethylbenzidine	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
3-Methylcholanthrene	ug/kg	1	136	1	250	71000	750	1,107.6	3,489.6	1,603.3	SB 77	5.25	8
3-Methylcholanthrene	ug/kg	1	136	1	250	71000	750	1,107.6	3,489.6	1,603.3	MW J4	2	8
3-Methylcholanthrene	ug/kg	1	136	1	250	71000	750	1,107.6	3,489.6	1,603.3	MW V4	4	8
3-Nitroaniline	ug/kg	0	136	0	3100	320000		5,033.8	15,812.1	7,279.7			
4,6-Dinitro-2-methylphenol	ug/kg	1	135	1	3100	180000	83000	4,356.3	10,771.1	5,891.9	SB 10	2	6
4-Aminobiphenyl	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
4-Bromophenyl-phenylether	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
4-Chloro-3-methylphenol	ug/kg	6	135	4	680	71000	6700	1,097.9	3,514.3	1,598.9	SB 4	8	8.5
4-Chloroaniline	ug/kg	0	136	0	1300	140000		2,178.7	6,863.5	3,153.5			
4-Chlorophenyl-phenylether	ug/kg	3	136	2	680	71000	110	1,109.8	3,491.0	1,605.7	MW I4	44	48
4-Nitroaniline	ug/kg	0	136	0	3100	320000		5,033.8	15,812.1	7,279.7			
4-Nitrophenol	ug/kg	1	134	1	3100	180000	830000	9,948.9	71,863.1	20,232.7	SB 10	2	6
4-Nitroquinoline-1-oxide	ug/kg	0	124	0	680	71000		1,149.9	3,637.3	1,691.3			
5-Nitro-o-toluidine	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			

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7,12-Dimethylbenz(a)anthracene	ug/kg	0	136	0	390	71000		1,114.2	3,489.9	1,609.9			
a,a-Dimethylphenethylamine	ug/kg	0	136	0	1300	140000		2,178.7	6,863.5	3,153.5			
Acenaphthene	ug/kg	27	138	20	680	71000	19000	1,293.7	3,820.9	1,832.4	SB 44	10	12
Acenaphthylene	ug/kg	15	136	11	680	71000	2500	1,078.1	3,495.8	1,574.6	SB 60	1	4
Acetophenone	ug/kg	13	137	9	680	71000	3400	1,110.0	3,476.2	1,601.9	MW K4	6	12
Aniline	ug/kg	1	136	1	680	71000	340	1,115.2	3,489.6	1,610.8	SB 8	4	10
Aniline	ug/kg	1	136	1	680	71000	340	1,115.2	3,489.6	1,610.8	MW O4	2	8
Anthracene	ug/kg	30	137	22	680	71000	13000	1,287.7	3,729.0	1,815.4	MW J4	2	8
Aramite	ug/kg	0	136	0	1300	140000		2,178.7	6,863.5	3,153.5			
Benzo(a)anthracene	ug/kg	34	138	25	380	71000	24000	1,488.5	4,197.8	2,080.4	MW J4	2	8
Benzo(a)pyrene	ug/kg	32	137	23	440	71000	18000	1,367.5	3,857.8	1,913.4	MW J4	2	8
Benzo(b)fluoranthene	ug/kg	27	136	20	450	71000	20000	1,398.4	3,973.0	1,962.7	MW J4	2	8
Benzo(g,h,i)perylene	ug/kg	24	137	18	690	71000	6700	1,156.9	3,535.1	1,657.2	MW J4	2	8
Benzo(k)fluoranthene	ug/kg	23	136	17	560	71000	11000	1,281.6	3,636.9	1,798.2	MW J4	2	8
Benzyl alcohol	ug/kg	0	135	0	1300	140000		2,131.9	6,867.3	3,110.9			
bis (2-chloro-1-methylethyl)ether	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Bis(2-chloroethoxy)methane	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Bis(2-chloroethyl)ether	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Bis(2-ethylhexyl)phthalate	ug/kg	58	138	42	690	71000	24000	1,185.6	3,795.2	1,720.7	SB 52-1	2	6
Butylbenzylphthalate	ug/kg	2	136	1	680	71000	260	1,114.2	3,489.9	1,609.9	SB 10	16	18
Carbazole	ug/kg	17	136	13	680	71000	7100	1,151.4	3,550.3	1,655.6	MW J4	2	8
Chlorobenzilate	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Chrysene	ug/kg	49	139	35	460	71000	21000	1,479.8	4,103.2	2,056.2	MW J4	2	8
Creosote (calculated)	ug/kg	3	3	100			4.7	3.6	1.5	6.1	SB 68	4	8
Di-n-butylphthalate	ug/kg	38	141	27	680	39000	300000	2,925.8	25,262.9	6,448.8	SB 10	2	6
Di-n-octylphthalate	ug/kg	1	136	1	680	71000	120	1,114.6	3,489.8	1,610.3	SB 55	2	6
Diallate	ug/kg	0	136	0	1300	140000		2,178.7	6,863.5	3,153.5			
Dibenzo(a,h)anthracene	ug/kg	21	136	15	690	71000	5000	1,111.0	3,514.7	1,610.2	MW J4	2	8
Dibenzofuran	ug/kg	27	138	20	680	71000	18000	1,220.6	3,754.2	1,749.8	SB 44	10	12
Diethylphthalate	ug/kg	2	136	1	680	71000	91	1,111.7	3,490.5	1,607.5	MW I4	44	48
Dimethylphthalate	ug/kg	2	136	1	680	71000	93	1,111.7	3,490.5	1,607.4	SB 9-1	0	2
Diphenylamine	ug/kg	15	136	11	680	71000	1800	1,110.2	3,492.4	1,606.2	SB 20	8	10
Ethyl methanesulfonate	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Fluoranthene	ug/kg	60	140	43	690	71000	48000	2,023.9	6,317.8	2,908.2	MW J4	2	8
Fluorene	ug/kg	34	138	25	680	71000	12000	1,363.1	3,782.0	1,896.3	SB 44	10	12
Hexachlorobenzene	ug/kg	1	136	1	680	71000	88	1,114.4	3,489.9	1,610.1	SB 9-1	4	6
Hexachlorobutadiene	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Hexachlorocyclopentadiene	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			

Parameter	Units	No. Detects	No. Samples	Detection Frequency	Det Limits of NDs Minimum	Det Limits of NDs Maximum	Maximum Detected	Arithmetic Mean	Standard Deviation	95% UCL [note a]	Location of Max	Depth (ft) Upper	Depth (ft) Lower
Hexachloroethane	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Hexachloropropene	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Indeno(1,2,3-cd)pyrene	ug/kg	27	136	20	690	71000	11000	1,223.1	3,632.1	1,738.9	MW J4	2	8
Isodrin	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Isophorone	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Isosafrole	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Kepone	ug/kg	0	130	0	1300	140000		2,180.8	6,994.4	3,197.2			
m & p-Cresol	ug/kg	33	136	24	680	15000	9600000	76,081.4	824,486.6	193,185.2	SB 10	2	6
m-Dinitrobenzene	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Methapyrilene	ug/kg	1	136	1	680	71000	170	1,115.0	3,489.7	1,610.6	MW O4	18	26
Methyl methansulfonate	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
N-Nitroso-di-n-propylamine	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
N-Nitrosodi-n-butylamine	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
N-Nitrosodiethylamine	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
N-Nitrosodimethylamine	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
N-Nitrosomethyl-ethylamine	ug/kg	1	136	1	680	71000	300	1,115.6	3,489.5	1,611.2	SB 24	2	6
N-Nitrosomorpholine	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
N-Nitrosopiperidine	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
N-Nitrosopyrrolidine	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Naphthalene	ug/kg	43	138	31	680	8800	49000	1,634.4	5,547.7	2,416.6	SB 10	2	6
Nitrobenzene	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
o,o,o,-Triethylphosphorothioate	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
o-Cresol	ug/kg	23	135	17	680	15000	76000	1,640.3	8,053.0	2,788.3	SB 10	2	6
o-Toluidine	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
p-(Dimethylamino)azobenzene	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
p-Phenylenediamine	ug/kg	0	134	0	4500	470000		7,436.2	23,303.3	10,771.0			
Pentachlorobenzene	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Pentachloroethane	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Pentachloronitrobenzene	ug/kg	0	136	0	1300	140000		2,178.7	6,863.5	3,153.5			
Pentachlorophenol	ug/kg	7	135	5	3100	320000	6600	4,697.0	15,784.5	6,947.4	SB 4	8	8.5
Phenacetin	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Phenanthrene	ug/kg	71	141	50	680	4200	44000	2,273.9	6,600.3	3,194.4	MW J4	2	8
Phenol	ug/kg	39	136	29	680	9000	930000	8,404.1	79,669.5	19,719.8	SB 10	2	6
Pronamide	ug/kg	0	136	0	1300	140000		2,163.2	6,863.7	3,138.1			
Pyrene	ug/kg	60	140	43	690	71000	39000	1,914.7	5,667.2	2,707.9	MW J4	2	8
Pyridine	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
Safrole	ug/kg	0	136	0	680	71000		1,116.4	3,489.4	1,612.0			
sym-Trinitrobenzene	ug/kg	0	129	0	680	71000		1,121.7	3,568.4	1,642.3			

Parameter	Units	No. Detects	No. Samples	Detection Frequency	Det Limits of NDs Minimum	Det Limits of NDs Maximum	Maximum Detected	Arithmetic Mean	Standard Deviation	95% UCL [note a]	Location of Max	Depth (ft) Upper	Depth (ft) Lower
Volatile Organics													
1,1,1-Trichloroethane	ug/kg	34	152	22	2	98000	120000	1,489.3	10,613.6	2,914.1	MW J4	26	28
1,1,2,2-Tetrachloroethane	ug/kg	0	152	0	10	190000		1,000.7	8,100.3	2,088.2			
1,1,2-Trichloroethane	ug/kg	3	152	2	5	98000	27	518.6	4,182.4	1,080.1	SB 4	2	4
1,1,2-Trichloroethane	ug/kg	3	152	2	5	98000	27	518.6	4,182.4	1,080.1	MW M4	6	8
1,1-Dichloroethane	ug/kg	33	152	22	5	98000	1800	551.6	4,182.4	1,113.0	MW J4	2	4
1,1-Dichloroethene	ug/kg	10	152	7	5	98000	83	519.6	4,182.3	1,081.1	SB 21	1	2
1,2-Dichlorobenzene	ug/kg	1	152	1	5	98000	5	518.4	4,182.4	1,079.9	SB 49	10	12
1,2-Dichlorobenzene	ug/kg	1	152	1	5	98000	5	518.4	4,182.4	1,079.9	SB 50	6	8
1,2-Dichloroethane	ug/kg	4	152	3	5	98000	100	520.0	4,182.3	1,081.5	MW J4	2	4
1,2-Dichloroethane	ug/kg	4	152	3	5	98000	100	520.0	4,182.3	1,081.5	SB 4	8	8.5
1,2-Dichloroethene (total)	ug/kg	45	151	30	10	56000	240000	1,989.9	19,670.9	4,639.6	SB 10	2	4
1,2-Dichloropropane	ug/kg	0	152	0	5	98000		518.3	4,182.4	1,079.8			
1,3-Dichlorobenzene	ug/kg	3	152	2	5	98000	6	518.4	4,182.4	1,079.9	MW G4	66	68
1,4-Dichlorobenzene	ug/kg	3	152	2	5	98000	14	518.4	4,182.4	1,079.9	SB 52-1	2	4
1,4-Dichlorobenzene	ug/kg	3	152	2	5	98000	14	518.4	4,182.4	1,079.9	SB 4	2	4
1,4-Dichlorobenzene	ug/kg	3	152	2	5	98000	14	518.4	4,182.4	1,079.9	SB 64	4	6
1,4-Dichlorobenzene	ug/kg	3	152	2	5	98000	14	518.4	4,182.4	1,079.9	SB 77	8	10
1,4-Dichlorobenzene	ug/kg	3	152	2	5	98000	14	518.4	4,182.4	1,079.9	MW G4	66	68
1,4-Dioxane	ug/kg	21	139	15	21	400000	2700	2,345.2	17,839.3	4,851.1	MW B4	26	28
2-Butanone	ug/kg	16	152	11	6	56000	280000	2,248.4	22,825.5	5,312.7	SB 10	2	4
2-Hexanone	ug/kg	0	152	0	10	190000		1,000.7	8,100.3	2,088.2			
4-Methyl-2-pentanone	ug/kg	1	152	1	10	190000	51	1,000.7	8,100.3	2,088.2	MW H4	8	10
Acetone	ug/kg	9	152	6	10	1100000	4500	4,276.3	44,640.7	10,269.4	SB 60	28	30
Acetone	ug/kg	9	152	6	10	1100000	4500	4,276.3	44,640.7	10,269.4	SB 43	6	8
Acetonitrile	ug/kg	3	152	2	41	790000	400	4,136.1	33,621.8	8,649.8	MW J4	38	40
Benzene	ug/kg	34	152	22	5	98000	410	527.0	4,181.6	1,088.4	MW M4	6	8
Benzene	ug/kg	34	152	22	5	98000	410	527.0	4,181.6	1,088.4	MW J4	82	84
Bromodichloromethane	ug/kg	1	152	1	5	98000	6	518.4	4,182.4	1,079.9	SB 64	1	2
Bromoform	ug/kg	0	152	0	10	190000		1,000.7	8,100.3	2,088.2			
Bromomethane	ug/kg	0	152	0	10	190000		1,000.7	8,100.3	2,088.2			
Carbon disulfide	ug/kg	42	152	28	3	98000	300	523.2	4,181.9	1,084.6	SB 68	6	8
Carbon tetrachloride	ug/kg	1	152	1	5	98000	6200	463.7	4,050.8	1,007.6	MW O4	12	14
Chlorobenzene	ug/kg	33	152	22	10	56000	1500000	10,357.1	121,655.6	26,689.5	SB 10	2	4
Chloroethane	ug/kg	16	152	11	10	190000	5400	1,094.2	8,107.2	2,182.6	SB 8	8	10
Chloroform	ug/kg	5	152	3	5	98000	28	518.7	4,182.4	1,080.2	SB 64	1	2
Chloromethane	ug/kg	0	152	0	10	190000		1,000.7	8,100.3	2,088.2			
Chloroprene	ug/kg	0	152	0	21	400000		2,105.3	17,069.8	4,396.9			

Phase IIB Soil Summary Statistics

Parameter	Units	No. Detects	No. Samples	Detection Frequency	Det Limits of NDs Minimum	Det Limits of NDs Maximum	Maximum Detected	Arithmetic Mean	Standard Deviation	95% UCL [note a]	Location of Max	Depth (ft) Upper	Depth (ft) Lower
cis-1,2-Dichloroethene	ug/kg	46	152	30	10	56000	260000	3,620.0	28,137.2	7,397.4	SB 21	1	2
cis-1,3-Dichloropropene	ug/kg	0	152	0	10	190000		1,000.7	8,100.3	2,088.2			
Dibromochloromethane	ug/kg	0	152	0	5	98000		518.3	4,182.4	1,079.8			
Dichlorodifluoromethane	ug/kg	0	152	0	10	190000		1,000.7	8,100.3	2,088.2			
Ethylbenzene	ug/kg	37	152	24	5	16000	250000	2,980.8	21,220.6	5,829.7	SB 10	2	4
Isobutyl Alcohol	ug/kg	1	152	1	100	2000000	44	10,470.3	85,129.5	21,899.0	SB 1	4	6
Methyl Methacrylate	ug/kg	0	152	0	21	400000		2,105.9	17,069.7	4,397.5			
Methylene Chloride	ug/kg	17	152	11	10	190000	630	1,005.4	8,099.9	2,092.8	MW J4	38	40
Propionitrile	ug/kg	1	152	1	21	400000	100	2,106.4	17,069.7	4,398.1	MW J4	38	40
Tetrachloroethene	ug/kg	13	152	9	5	98000	15000	581.4	4,303.4	1,159.1	MW J4	26	28
Toluene	ug/kg	62	152	41	2	3800	2100000	23,165.4	195,643.9	49,430.7	SB 10	2	4
trans-1,2-Dichloroethene	ug/kg	7	152	5	5	98000	4400	547.5	4,194.0	1,110.6	SB 21	1	2
trans-1,4-Dichloro-2-butene	ug/kg	0	152	0	5	98000		518.3	4,182.4	1,079.8			
Trichloroethene	ug/kg	49	152	32	2	29000	3500000	33,257.1	308,084.9	74,617.8	SB 10	2	4
Vinyl chloride	ug/kg	9	152	6	10	190000	990	1,012.3	8,099.3	2,099.6	SB 21	1	2
Xylene (total)	ug/kg	66	153	43	5	3800	1900000	19,788.9	157,413.5	40,851.8	SB 10	2	4

Phase IIB Soil Summary Statistics

Parameter	Units	No. Detects	No. Samples	Detection Frequency	Det Limits of NDs Minimum	Det Limits of NDs Maximum	Maximum Detected	Arithmetic Mean	Standard Deviation	95% UCL [note a]	Location of Max	Depth (ft) Upper	Depth (ft) Lower
Pesticides/Herbicides/PCBs/Dioxin													
2,4,5-T	ug/kg	6	138	4	4.9	85	4000	34.6	340.2	82.6	SB 10	2	6
2,4-D	ug/kg	1	138	1	48	7600	1300	76.9	339.8	124.8	SB 77	14	16
SILVEX	ug/kg	3	138	2	4.9	780	270	10.1	41.8	16.0	MW W4	2	8
Aroclor 1016	ug/kg	0	115	0	18	3300000		18,692.6	155,452.3	42,733.9			
Aroclor 1221	ug/kg	0	115	0	18	3300000		18,692.6	155,452.3	42,733.9			
Aroclor 1232	ug/kg	0	115	0	18	3300000		18,692.6	155,452.3	42,733.9			
Aroclor 1242	ug/kg	0	115	0	18	3300000		18,692.6	155,452.3	42,733.9			
Aroclor 1248	ug/kg	0	115	0	18	3300000		18,692.6	155,452.3	42,733.9			
Aroclor 1254	ug/kg	0	115	0	18	3300000		18,692.6	155,452.3	42,733.9			
Aroclor 1260	ug/kg	0	115	0	18	3300000		18,692.6	155,452.3	42,733.9			
Aroclor 1262	ug/kg	90	121	74	18	110000	4000000	53,840.6	386,990.4	112,163.6	SB 10	2	4
Aroclor 1268	ug/kg	107	123	87	19	375000	6400000	140,834.0	799,750.2	260,364.4	SB 10	2	4
Dimethoate	ug/kg	0	137	0	35	5400		44.2	229.0	76.6			
Disulfoton	ug/kg	0	137	0	35	5400		44.2	229.0	76.6			
Famphur	ug/kg	0	138	0	35	5400		44.0	228.2	76.2			
Methyl parathion	ug/kg	0	138	0	35	5400		44.0	228.2	76.2			
Parathion	ug/kg	0	138	0	35	5400		44.0	228.2	76.2			
Phorate	ug/kg	0	138	0	35	5400		44.0	228.2	76.2			
Sulfotepp	ug/kg	0	138	0	35	5400		44.0	228.2	76.2			
Thionazin	ug/kg	0	138	0	35	5400		44.0	228.2	76.2			
Dioxin TEF Lower [c]	ug/kg	[d]	75	[d]			16.27	0.5	2.0	0.9	SB 75	5	6
Dioxin TEF Upper [c]	ug/kg	[d]	75	[d]			41.27	1.4	5.1	2.4	MW J4	6	8

Notes:

All statistics include nondetects at 1/2 the detection limit (when detection limit reported), and this may cause anomolous results when there are few detects (or no detects) and high detection limits skew the statistics.

[a] 95% Upper confidence limit on the arithmetic mean according to US EPA guidance.

[b] "High" and "Low" indicate the high and low end respectively when analytes were reported as ranges.

[c] Dioxin TEF Lower = Dioxin toxicity equivalents with nondetected isomers summed as zero (0).
TEF Upper = toxicity equivalents when nondetects included at 1/2 their detection limit.

[d] Because dioxin TEF are calculated values, the number of detects depends on isomer-specific results.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC ANALYSIS

Sample ID	MW B4	MW B4	MW B4	MW G4	MW G4	MW G4	MW G4	MW G4
Upper Depth (feet)	4	26	34	1	8	18	66	86
Lower Depth (feet)	6	28	36	2	10	20	68	88
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	NATIVE	PEAT	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/10/93	8/10/93	8/10/93	8/30/93	8/30/93	8/30/93	8/31/93	9/1/93
Date Analyzed	8/22/93	8/23/93	8/23/93	9/13/93	9/10/93	9/13/93	9/10/93	9/13/93
Remarks						Reanalysis		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	12 U	16 U	14 U	11 U	12 U	96 U	12 U	12 U
Bromomethane	12 U	16 U	14 U	11 U	12 U	96 U	12 U	12 U
Vinyl chloride	12 U	410 J	170	11 U	12 U	96 U	12 U	12 U
Chloroethane	12 U	300	270	11 U	12 U	96 U	12 U	12 U
Acetone	12 U	16 U	300 U	120 U	130 U	1100 U	130 U	130 U
Carbon disulfide	6 U	8 U	7 U	5 U	6 U	48 U	6 U	6 U
1,1-Dichloroethene	6 U	24	8	5 U	6 U	48 U	3 J	11 J
1,1-Dichloroethane	6 U	650 J	220	5 U	6 U	48 U	21 J	6 UJ
1,2-Dichloroethene (total)	12 U	2000 J	650 J	11 U	12 U	96 U	12 U	12 U
Chloroform	6 U	8 U	7 U	5 U	6 U	48 U	6 U	6 U
1,2-Dichloroethane	6 U	8 U	7 U	5 U	6 U	48 U	6 U	6 U
2-Butanone	12 U	16 U	14 U	11 U	12 U	210	12 U	12 U
1,1,1-Trichloroethane	6 U	8 U	11	5 U	6 U	48 U	220 J	48 J
Carbon tetrachloride	6 U	8 U	7 U	5 U	6 U	48 U	6 U	6 U
Bromodichloromethane	6 U	8 U	7 U	5 U	6 U	48 U	6 U	6 U
1,2-Dichloropropane	6 U	8 U	7 U	5 U	6 U	48 U	6 U	6 U
Trichloroethene	6 U	29	340 J	5 U	6 U	48 U	23 J	6 U
Dibromochloromethane	6 U	8 U	7 U	5 U	6 U	48 U	6 U	6 U
1,1,2-Trichloroethane	6 U	8 U	7 U	5 U	6 U	48 U	6 U	6 U
Benzene	6 U	2 J	2 J	5 U	2 J	48 U	6 U	6 U
4-Methyl-2-pentanone	12 U	16 U	14 U	11 U	12 U	96 U	12 U	12 U
2-Hexanone	12 U	16 U	14 U	11 U	12 U	96 U	12 U	12 U
Tetrachloroethene	6 U	8 U	7 U	5 U	6 U	48 U	6 U	6 U
Toluene	6 U	8	230	5 U	36	48 U	6 U	6 U
Ethylbenzene	6 U	8 U	5 J	5 U	66	48 U	6 U	6 U
Xylene (total)	6 U	6 J	20	11	400	48 U	6 U	6 U
1,2-Dichlorobenzene	6 U	8 U	7 U	5 U	6 U	48 U	6 U	6 U
1,3-Dichlorobenzene	6 U	8 U	7 U	5 U	6 U	48 U	6	6 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC ANALYSIS

Sample ID	MW B4	MW B4	MW B4	MW G4	MW G4	MW G4	MW G4	MW G4
Upper Depth (feet)	4	26	34	1	8	18	66	86
Lower Depth (feet)	6	28	36	2	10	20	68	88
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	NATIVE	PEAT	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/10/93	8/10/93	8/10/93	8/30/93	8/30/93	8/30/93	8/31/93	9/1/93
Date Analyzed	8/22/93	8/23/93	8/23/93	9/13/93	9/10/93	9/13/93	9/10/93	9/13/93
Remarks						Reanalysis		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	6 U	8 U	7 U	5 U	6 U	48 U	14	6 U
Acetonitrile	47 U	63 U	56 U	44 U	48 U	380 U	47 U	50 U
Propionitrile	24 U	32 U	28 U	22 U	24 U	190 U	24 U	25 U
Methyl Methacrylate	24 U	32 U	28 U	22 U	24 U	190 U	24 U	25 U
trans-1,4-Dichloro-2-butene	6 U	8 U	7 U	5 U	6 U	48 U	6 U	6 U
Dichlorodifluoromethane	12 U	16 U	14 U	11 U	12 U	96 U	12 U	12 U
Isobutyl Alcohol	120 U	160 U	140 U	110 U	120 U	960 U	120 U	120 U
1,4-Dioxane	24 UJ	2700 J	710 J	22 UJ	24 UJ	190 UJ	24 UJ	25 UJ
trans-1,2-Dichloroethene	6 U	2 J	7 U	5 U	6 U	48 U	6 U	6 U
Methylene Chloride	12 U	6 J	18	17	12 U	110	12 U	13
Bromoform	12 U	16 U	14 U	11 U	12 U	96 U	12 U	12 U
Chlorobenzene	12 U	230	140	11 U	12 U	96 U	4 J	12 U
cis-1,2-Dichloroethene	12 U	1900 J	630 J	11 U	12 U	96 U	12 U	12 U
1,1,2,2-Tetrachloroethane	12 U	16 U	14 U	11 U	12 U	96 U	12 U	12 U
cis-1,3-Dichloropropene	12 U	16 U	14 U	11 U	12 U	96 U	12 U	12 U
Chloroprene	24 U	32 U	28 U	22 U	24 U	190 U	24 U	25 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	MW G4	MW H4	MW H4	MW H4	MW I4	MW I4	MW I4	MW I4
Upper Depth (feet)	88	8	37	44.5	4	26	40	50
Lower Depth (feet)	88	10	39	45	6	28	42	52
Soil/Fill Type	NATIVE	PRO FILL	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/1/93	8/30/93	7/1/93	7/1/93	8/25/93	8/25/93	8/26/93	8/26/93
Date Analyzed	9/13/93	7/13/93	7/13/93	7/13/93	9/8/93	9/8/93	9/8/93	9/8/93
Remarks	Dup							
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	12 U	92 U	13 U	16 U	11 U	15 U	12 U	11 U
Bromomethane	12 U	92 U	13 U	16 U	11 U	15 U	12 U	11 U
Vinyl chloride	12 U	92 U	13 U	16 U	11 U	15 U	12 U	11 U
Chloroethane	12 U	92 U	13 U	16 U	11 U	15 U	12 U	11 U
Acetone	130 U	1500 U	98	81 U	130 U	180 U	140 U	130 U
Carbon disulfide	6 U	60	6 U	8 U	6 U	7 U	6 U	6 U
1,1-Dichloroethene	23 J	46 U	6 U	8 U	6 U	4 J	6 U	6 U
1,1-Dichloroethane	6 UJ	46 U	6 U	8 U	6 U	4 J	6 U	6 U
1,2-Dichloroethene (total)	12 U	92 U	5 J	16 U	11 U	28	12 U	11 U
Chloroform	3 J	46 U	6 U	8 U	6 U	7 U	6 U	6 U
1,2-Dichloroethane	6 U	46 U	6 U	8 U	6 U	7 U	6 U	6 U
2-Butanone	12 U	200	13 U	16 U	11 U	15 U	12 U	11 U
1,1,1-Trichloroethane	73 J	46 U	6 U	8 U	6 U	14	6 U	6 U
Carbon tetrachloride	6 U	46 U	6 U	8 U	6 U	7 U	6 U	6 U
Bromodichloromethane	6 U	46 U	6 U	8 U	6 U	7 U	6 U	6 U
1,2-Dichloropropane	6 U	46 U	6 U	8 U	6 U	7 U	6 U	6 U
Trichloroethene	6 U	46 U	78	8 U	6 U	55	6 U	6 U
Dibromochloromethane	6 U	46 U	6 U	8 U	6 U	7 U	6 U	6 U
1,1,2-Trichloroethane	6 U	46 U	6 U	8 U	6 U	7 U	6 U	6 U
Benzene	6 U	46 U	6 U	8 U	6 U	7 U	6 U	6 U
4-Methyl-2-pentanone	12 U	51 J	13 U	16 U	11 U	15 U	12 U	11 U
2-Hexanone	12 U	92 U	13 U	16 U	11 U	15 U	12 U	11 U
Tetrachloroethene	6 U	46 U	6 U	8 U	6 U	7 U	6 U	6 U
Toluene	6 U	970	6 U	8 U	6 U	7 U	6 U	6 U
Ethylbenzene	6 U	330	6 U	8 U	6 U	7 U	6 U	6 U
Xylene (total)	6 U	3700	6 U	8 U	6 U	7 U	6 U	6 U
1,2-Dichlorobenzene	6 U	46 U	6 U	8 U	6 U	7 U	6 U	6 U
1,3-Dichlorobenzene	6 U	46 U	6 U	8 U	6 U	7 U	6 U	6 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC ANALYSIS

Sample ID	MW G4	MW H4	MW H4	MW H4	MW I4	MW I4	MW I4	MW I4
Upper Depth (feet)	88	8	37	44.5	4	26	40	50
Lower Depth (feet)	88	10	39	45	6	28	42	52
Soil/Fill Type	NATIVE	PRO FILL	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/1/93	6/30/93	7/1/93	7/1/93	8/26/93	8/26/93	8/26/93	8/26/93
Date Analyzed	9/13/93	7/13/93	7/13/93	7/13/93	9/8/93	9/8/93	9/8/93	9/8/93
Remarks	Dup							
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	6 U	46 U	6 U	8 U	6 U	7 U	6 U	6 U
Acetonitrile	48 U	370 U	52 U	66 U	44 U	59 U	49 U	46 U
Propionitrile	24 U	180 U	26 U	33 U	22 U	29 U	25 U	23 U
Methyl Methacrylate	24 U	180 U	26 U	33 U	22 U	29 U	25 U	23 U
trans-1,4-Dichloro-2-butene	6 U	46 U	6 U	8 U	6 U	7 U	6 U	6 U
Dichlorodifluoromethane	12 U	92 U	13 U	16 U	11 U	15 U	12 U	11 U
Isobutyl Alcohol	120 U	920 U	130 U	160 U	110 U	150 U	120 U	110 U
1,4-Dioxane	24 UJ	180 UJ	66 J	230 J	22 UJ	180 J	25 UJ	23 UJ
trans-1,2-Dichloroethene	6 U	46 U	6 U	8 U	6 U	7 U	6 U	6 U
Methylene Chloride	34	92 U	13 U	16 U	11 U	15 U	12 U	11 U
Bromoform	12 U	92 U	13 U	16 U	11 U	15 U	12 U	11 U
Chlorobenzene	12 U	6900 J	13 U	16 U	11 U	15 U	12 U	11 U
cis-1,2-Dichloroethene	12 U	92 U	5 J	16 U	11 U	28	12 U	11 U
1,1,2,2-Tetrachloroethane	12 U	92 U	13 U	16 U	11 U	15 U	12 U	11 U
cis-1,3-Dichloropropene	12 U	92 U	13 U	16 U	11 U	15 U	12 U	11 U
Chloroprene	24 U	180 U	26 U	33 U	22 U	29 U	25 U	23 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	MW J4	MW J4	MW J4	MW J4	MW J4	MW J4	MW K4	MW K4
Upper Depth (feet)	2	2	26	38	68	82	6	28
Lower Depth (feet)	4	4	28	40	70	84	8	30
Soil/Fill Type	PRO FILL	PRO FILL	NATIVE	NATIVE	NATIVE	NATIVE	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/9/93	8/9/93	8/9/93	8/9/93	8/10/93	8/10/93	6/30/93	6/30/93
Date Analyzed	8/23/93	8/23/93	8/23/93	8/23/93	8/23/93	8/29/93	7/8/93	7/8/93
Remarks		Dup						
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	13 U	2300 U	30000 U	14 U	1700 U	1600 UJ	29 U	13 U
Bromomethane	13 U	2300 U	30000 U	14 U	1700 U	1600 UJ	29 U	13 U
Vinyl chloride	13 U	2300 U	30000 U	14 U	1700 U	1600 UJ	160	13 U
Chloroethane	1100 J	700 J	30000 U	14 U	1700 U	1600 UJ	29 U	13 U
Acetone	330 J	2300 U	30000 U	270 U	1700 U	1600 UJ	1000 U	470 U
Carbon disulfide	56	1200 U	16000 U	7 U	860 U	820 UJ	15	6 U
1,1-Dichloroethene	12	1200 U	16000 U	7 U	860 U	820 UJ	15 U	6 U
1,1-Dichloroethane	1800 J	2100	16000 U	9	860 U	820 UJ	15 U	6 U
1,2-Dichloroethene (total)	64	2300 U	30000 U	13 J	1700 U	1600 UJ	620 J	13 U
Chloroform	6 U	1200 U	16000 U	17	860 U	820 UJ	15 U	6 U
1,2-Dichloroethane	100 J	1200 U	16000 U	14	860 U	820 UJ	15 U	6 U
2-Butanone	99	2300 U	30000 U	14 U	1700 U	1600 UJ	120 U	13 U
1,1,1-Trichloroethane	15000	11000	120000	590 J	560 J	510 J	15 U	6 U
Carbon tetrachloride	6 UJ	1200 U	16000 U	7 U	860 U	820 UJ	15 U	6 U
Bromodichloromethane	6 UJ	1200 U	16000 U	7 U	860 U	820 UJ	15 U	6 U
1,2-Dichloropropane	6 UJ	1200 U	16000 U	7 U	860 U	820 UJ	15 U	6 U
Trichloroethene	6 UJ	1200 U	1500000 J	12000 J	5100	5200 J	15 U	7
Dibromochloromethane	6 UJ	1200 UJ	16000 U	7 U	860 U	820 UJ	15 U	6 U
1,1,2-Trichloroethane	6 UJ	1200 UJ	16000 U	26	860 U	820 UJ	15 U	6 U
Benzene	23 J	1200 U	16000 U	7	860 U	820 UJ	8 J	6 U
4-Methyl-2-pentanone	13 UJ	2300 UJ	30000 U	14 U	1700 U	1600 UJ	29 U	13 U
2-Hexanone	13 UJ	2300 UJ	30000 U	14 U	1700 U	1600 UJ	29 U	13 U
Tetrachloroethene	20 J	1200 U	15000 J	43	860 U	820 UJ	15 U	6 U
Toluene	45000 J	92000 J	36000	890 J	860 U	820 UJ	400	6 U
Ethylbenzene	1600 J	3000 J	16000 U	36	860 U	820 UJ	50	6 U
Xylene (total)	5000 J	9700 J	13000 J	180	860 U	820 UJ	40	6 U
1,2-Dichlorobenzene	6 UJ	1200 UJ	16000 U	7 U	860 U	820 UJ	15 U	6 U
1,3-Dichlorobenzene	6 UJ	1200 UJ	16000 U	7 U	860 U	820 UJ	15 U	6 U

Sample ID	MW J4	MW J4	MW J4	MW J4	MW J4	MW J4	MW K4	MW K4
Upper Depth (feet)	2	2	26	38	68	82	6	28
Lower Depth (feet)	4	4	28	40	70	84	8	30
Soil/Fill Type	PRO FILL	PRO FILL	NATIVE	NATIVE	NATIVE	NATIVE	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/9/93	8/9/93	8/9/93	8/9/93	8/10/93	8/10/93	6/30/93	6/30/93
Date Analyzed	8/23/93	8/23/93	8/23/93	8/23/93	8/23/93	8/29/93	7/8/93	7/8/93
Remarks		Dup						
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	6 UJ	1200 UJ	16000 U	7 U	860 U	820 UJ	15 U	6 U
Acetonitrile	51 U	9700 U	120000 U	400	6900 U	6600 UJ	120 U	24 J
Propionitrile	25 U	4800 U	62000 U	100	3500 U	3300 UJ	59 U	26 U
Methyl Methacrylate	25 UJ	4800 U	62000 U	27 U	3500 U	3300 UJ	59 U	26 U
trans-1,4-Dichloro-2-butene	6 UJ	1200 U	16000 U	7 U	860 U	820 UJ	15 U	6 U
Dichlorodifluoromethane	13 U	2300 U	30000 U	14 U	1700 U	1600 UJ	29 U	13 U
Isobutyl Alcohol	130 UJ	24000 U	310000 U	140 U	17000 U	16000 UJ	290 U	130 U
1,4-Dioxane	25 UJ	4800 UJ	62000 UJ	1600 J	3500 UJ	3300 UJ	86 J	26 UJ
trans-1,2-Dichloroethene	7	1200 UJ	16000 U	7 U	860 U	820 UJ	27	6 U
Methylene Chloride	13 U	2300 U	30000 U	630 J	1700 U	1600 UJ	29 U	13 U
Bromoform	13 UJ	2300 UJ	30000 U	14 U	1700 U	1600 UJ	29 U	13 U
Chlorobenzene	710 J	1600 J	30000 U	20	1700 U	1600 UJ	52	13 U
cis-1,2-Dichloroethene	56	2300 U	30000 U	12 J	1700 U	1600 UJ	580	13 U
1,1,2,2-Tetrachloroethane	13 UJ	2300 UJ	30000 U	14 U	1700 U	1600 UJ	29 U	13 U
cis-1,3-Dichloropropene	13 UJ	2300 U	30000 U	14 U	1700 U	1600 UJ	29 U	13 U
Chloroprene	25 U	4800 U	62000 U	27 U	3500 U	3300 U	59 UJ	26 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC ANALYSIS

Sample ID	MW K4	MW K4-1	MW L4	MW L4	MW L4	MW L4	MW L4	MW M4
Upper Depth (feet)	36	2	8	24	34	44	44	2
Lower Depth (feet)	38	4	10	26	36	46	46	4
Soil/Fill Type	NATIVE	PRO FILL	PRO FILL/NATIVE	NATIVE	NATIVE	NATIVE	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	6/30/93	7/13/93	7/26/93	7/28/93	7/28/93	7/28/93	7/28/93	8/2/93
Date Analyzed	7/8/93	7/26/93	8/12/93	8/11/93	8/11/93	8/11/93	8/12/93	8/16/93
Remarks			Medium Level				Dup of MW L4 44-46	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	13 U	17 U	1400 UJ	11 U	11 U	12 U	12 UJ	11 U
Bromomethane	13 U	17 U	1400 UJ	11 U	11 U	12 U	12 UJ	11 U
Vinyl chloride	13 U	17 U	1400 UJ	11 U	11 U	12 U	12 UJ	11 U
Chloroethane	13 U	17 U	1400 UJ	11 U	11 U	12 U	12 UJ	11 U
Acetone	470 U	610 U	1400 UJ	53 U	40 U	86 U	93 UJ	350 U
Carbon disulfide	6 U	31 J	730 UJ	1 J	6 U	6 U	6 UJ	5 J
1,1-Dichloroethene	6 U	8 U	730 UJ	64	2 J	6 U	6 UJ	6 U
1,1-Dichloroethane	3 J	8 U	730 UJ	210	12	6 U	6 UJ	6 U
1,2-Dichloroethene (total)	4 J	17 U	1400 UJ	56	2 J	12 U	12 UJ	2 J
Chloroform	3 J	8 U	730 UJ	5 U	6 U	6 U	6 UJ	6 U
1,2-Dichloroethane	6 U	8 U	730 UJ	5 U	6 U	6 U	6 UJ	6 U
2-Butanone	13 U	119 U	3400 UJ	20 U	11 U	12 U	12 UJ	66 U
1,1,1-Trichloroethane	21	8 U	6600 J	2400 J	78	8 J	6 UJ	6 U
Carbon tetrachloride	6 U	8 U	730 UJ	5 U	6 U	6 U	6 UJ	6 U
Bromodichloromethane	6 U	8 U	730 UJ	5 U	6 U	6 U	6 UJ	6 U
1,2-Dichloropropane	6 U	8 U	730 UJ	5 U	6 U	6 U	6 UJ	6 U
Trichloroethene	440 J	8 U	310 J	5 U	6 U	6 U	6 UJ	6 U
Dibromochloromethane	6 U	8 U	730 UJ	5 U	6 U	6 U	6 UJ	6 U
1,1,2-Trichloroethane	6 U	8 U	730 UJ	5 U	1 J	6 U	6 UJ	6 U
Benzene	6 U	8 U	730 UJ	5 U	6 U	6 U	6 UJ	7
4-Methyl-2-pentanone	13 U	17 U	1400 UJ	11 U	11 U	12 U	12 UJ	11 U
2-Hexanone	13 U	17 U	1400 UJ	11 U	11 U	12 U	12 UJ	11 U
Tetrachloroethene	6 U	8 U	730 UJ	13	6 U	6 U	6 UJ	6 U
Toluene	25	7 J	730 UJ	49	6 U	6 U	6 UJ	13
Ethylbenzene	6 U	8 U	730 UJ	16	6 U	6 U	6 UJ	8
Xylene (total)	6 J	8 U	1200 J	150	6 U	6 U	6 UJ	45
1,2-Dichlorobenzene	6 U	8 U	730 UJ	5 U	6 U	6 U	6 UJ	6 U
1,3-Dichlorobenzene	6 U	8 U	730 UJ	5 U	6 U	6 U	6 UJ	6 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	MW K4	MW K4-1	MW L4	MW L4	MW L4	MW L4	MW L4	MW M4
Upper Depth (feet)	36	2	8	24	34	44	44	2
Lower Depth (feet)	38	4	10	26	36	46	46	4
Soil/Fill Type	NATIVE	PRO FILL	PRO FILL/NATIVE	NATIVE	NATIVE	NATIVE	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	6/30/93	7/13/93	7/26/93	7/28/93	7/28/93	7/28/93	7/28/93	8/2/93
Date Analyzed	7/8/93	7/26/93	8/12/93	8/11/93	8/11/93	8/11/93	8/12/93	8/16/93
Remarks			Medium Level				Dup of MW L4 44-46	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	6 U	8 U	730 UJ	5 U	6 U	6 U	6 UJ	6 U
Acetonitrile	30 J	68 U	5900 UJ	44 U	45 U	48 U	47 UJ	45 U
Propionitrile	26 U	34 U	2900 UJ	22 U	22 U	24 U	24 UJ	23 U
Methyl Methacrylate	26 U	34 U	2900 UJ	22 U	22 U	24 U	24 UJ	23 U
trans-1,4-Dichloro-2-butene	6 U	8 U	730 UJ	5 U	6 U	6 U	6 UJ	6 U
Dichlorodifluoromethane	13 U	17 U	1400 UJ	11 U	11 U	12 U	12 UJ	11 U
Isobutyl Alcohol	130 U	170 U	15000 UJ	110 U	110 U	120 U	120 UJ	110 U
1,4-Dioxane	36 J	34 UJ	R	26 J	24 J	R	R	23 UJ
trans-1,2-Dichloroethene	6 U	8 U	730 UJ	5 U	6 U	6 U	6 UJ	6 U
Methylene Chloride	9 J	17 U	1400 UJ	11 U	11 U	12 U	12 UJ	11 U
Bromoform	13 U	17 U	1400 UJ	11 U	11 U	12 U	12 UJ	11 U
Chlorobenzene	11 J	17 U	1400 UJ	2 J	11 U	12 U	12 UJ	11 U
cis-1,2-Dichloroethene	4 J	17 U	1400 UJ	54	2 J	12 U	12 UJ	2 J
1,1,2,2-Tetrachloroethane	13 U	17 U	1400 UJ	11 U	11 U	12 U	12 UJ	11 U
cis-1,3-Dichloropropene	13 U	17 U	1400 UJ	11 U	11 U	12 U	12 UJ	11 U
Chloroprene	26 U	34 U	2900 U	22 U	22 U	24 U	24 U	23 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	MW M4	MW M4	MW M4	MW M4	MW N4	MW N4	MW N4	MW O4
Upper Depth (feet)	6	12	36	52	4	10	22	6
Lower Depth (feet)	8	14	38	54	6	12	24	8
Soil/Fill Type	PRO FILL-PEAT	PEAT	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/5/93	8/5/93	8/5/93	8/5/93	8/5/93	8/5/93	8/5/93	8/16/93
Date Analyzed	8/16/93	8/16/93	8/16/93	8/16/93	8/17/93	8/17/93	8/17/93	8/30/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	110 U	45 U	11 U	12 U	10 U	54 U	12 UJ	10 U
Bromomethane	110 U	45 U	11 U	12 U	10 U	54 U	12 UJ	10 U
Vinyl chloride	110 U	45 U	11 U	12 U	10 U	54 U	12 UJ	10 U
Chloroethane	110 U	45 U	11 U	12 U	10 U	54 U	12 UJ	10 U
Acetone	1800 U	1100	350 U	380 U	10 U	54 U	12 UJ	10 U
Carbon disulfide	54 U	6 J	6 U	6 U	5 U	27 U	6 UJ	5 U
1,1-Dichloroethene	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U
1,1-Dichloroethane	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U
1,2-Dichloroethene (total)	110 U	7 J	2 J	12 U	10 U	54 U	12 UJ	10 U
Chloroform	54 U	23 U	2 J	6 U	5 U	27 U	6 UJ	5 U
1,2-Dichloroethane	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U
2-Butanone	330 U	210	11 U	72 U	10 U	54 U	6 UJ	10 U
1,1,1-Trichloroethane	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U
Carbon tetrachloride	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U
Bromodichloromethane	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U
1,2-Dichloropropane	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U
Trichloroethene	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U
Dibromochloromethane	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U
1,1,2-Trichloroethane	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U
Benzene	410	130	6 U	6 U	5 U	27 U	6 UJ	5 U
4-Methyl-2-pentanone	110 U	45 U	11 U	12 U	10 U	54 U	12 UJ	10 U
2-Hexanone	110 U	45 U	11 U	12 U	10 U	54 U	12 UJ	10 U
Tetrachloroethene	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U
Toluene	23 J	160	6 U	6 U	5 U	27 U	6 UJ	4 J
Ethylbenzene	54 J	77	6 U	6 U	5 U	27 U	6 UJ	5 U
Xylene (total)	260	500	6 U	6 U	5 J	3600 J	6 UJ	3 J
1,2-Dichlorobenzene	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U
1,3-Dichlorobenzene	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U

Sample ID	MW M4	MW M4	MW M4	MW M4	MW N4	MW N4	MW N4	MW O4
Upper Depth (feet)	6	12	36	52	4	10	22	6
Lower Depth (feet)	8	14	38	54	6	12	24	8
Soil/Fill Type	PRO FILL-PEAT	PEAT	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/5/93	8/5/93	8/5/93	8/5/93	8/5/93	8/5/93	8/5/93	8/16/93
Date Analyzed	8/16/93	8/16/93	8/16/93	8/16/93	8/17/93	8/17/93	8/17/93	8/30/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U
Acetonitrile	430 U	180 U	45 U	46 U	42 U	220 U	48 UJ	41 U
Propionitrile	220 U	91 U	23 U	23 U	21 U	110 U	24 UJ	21 U
Methyl Methacrylate	220 U	91 U	23 U	23 U	21 U	110 U	24 UJ	21 U
trans-1,4-Dichloro-2-butene	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U
Dichlorodifluoromethane	110 U	45 U	11 U	12 U	10 U	54 U	12 UJ	10 U
Isobutyl Alcohol	1100 U	450 U	110 U	120 U	100 U	540 U	120 UJ	100 U
1,4-Dioxane	220 UJ	91 UJ	27 J	23 UJ	R	R	R	21 UJ
trans-1,2-Dichloroethene	54 U	23 U	6 U	6 U	5 U	27 U	6 UJ	5 U
Methylene Chloride	110 U	45 U	11 U	12 U	10 U	54 U	12 UJ	10 U
Bromoform	110 U	45 U	11 U	12 U	10 U	54 U	12 UJ	10 U
Chlorobenzene	110 U	45 U	11 U	12 U	10 U	54 U	12 UJ	10 U
cis-1,2-Dichloroethene	110 U	7 J	2 J	12 U	10 U	54 U	12 UJ	10 U
1,1,2,2-Tetrachloroethane	110 U	45 U	11 U	12 U	10 U	54 U	12 UJ	10 U
cis-1,3-Dichloropropene	110 U	45 U	11 U	12 U	10 U	54 U	12 UJ	10 U
Chloroprene	62 U	91 U	23 U	23 U	21 U	110 U	24 U	21 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	MW 04	MW 04	MW 04	MW V4	MW V4	MW V4	MW V4	MW W4
Upper Depth (feet)	12	20	38	4	12	24	40	4
Lower Depth (feet)	14	22	40	6	14	26	42	6
Soil/Fill Type	NATIVE	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/18/93	8/18/93	8/18/93	8/16/93	8/16/93	8/16/93	8/16/93	7/19/93
Date Analyzed	8/30/93	9/1/93	8/31/93	8/28/93	8/30/93	8/30/93	8/30/93	7/28/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	56000 U	1400 U	1400 U	5800 U	13 U	13 U	11 U	43 U
Bromomethane	56000 U	1400 U	1400 U	5800 U	13 U	13 U	11 U	43 U
Vinyl chloride	56000 U	1400 U	1400 U	5800 U	13 U	13 U	11 U	43 U
Chloroethane	56000 U	1400 U	1400 U	5800 U	13 U	13 U	11 U	43 U
Acetone	56000 U	1400 U	1400 U	5800 U	1600 U	1600 U	1600 U	560 U
Carbon disulfide	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	60
1,1-Dichloroethene	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	22 U
1,1-Dichloroethane	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	270
1,2-Dichloroethene (total)	56000 U	1400 U	1400 U	5800 U	13 U	13 U	11 U	23 J
Chloroform	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	22 U
1,2-Dichloroethane	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	22 U
2-Butanone	56000 U	1400 U	1400 U	5800 U	13 U	13 U	11 U	43 U
1,1,1-Trichloroethane	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	300
Carbon tetrachloride	6200 J	730 U	740 U	3000 U	6 U	7 U	5 U	22 U
Bromodichloromethane	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	22 U
1,2-Dichloropropane	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	22 U
Trichloroethene	29000 U	730 U	740 U	3000 U	3 J	7 U	5 U	870 J
Dibromochloromethane	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	22 U
1,1,2-Trichloroethane	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	22 U
Benzene	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	22 U
4-Methyl-2-pentanone	56000 U	1400 U	1400 U	5800 U	13 U	13 U	11 U	43 U
2-Hexanone	56000 U	1400 U	1400 U	5800 U	13 U	13 U	11 U	43 U
Tetrachloroethene	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	22 U
Toluene	1200000	13000	2300	87000	6 U	45	5 U	22 U
Ethylbenzene	43000	1100	740 U	10000	6 U	7 U	5 U	22 U
Xylene (total)	270000	7600	630 J	130000	3 J	130	5 U	22 U
1,2-Dichlorobenzene	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	22 U
1,3-Dichlorobenzene	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	22 U

Sample ID	MW 04	MW 04	MW 04	MW V4	MW V4	MW V4	MW V4	MW W4
Upper Depth (feet)	12	20	38	4	12	24	40	4
Lower Depth (feet)	14	22	40	6	14	26	42	6
Soil/Fill Type	NATIVE	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/18/93	8/18/93	8/18/93	8/16/93	8/16/93	8/16/93	8/16/93	7/19/93
Date Analyzed	8/30/93	9/1/93	8/31/93	8/28/93	8/30/93	8/30/93	8/30/93	7/28/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	22 U
Acetonitrile	230000 U	5900 U	6000 U	24000 U	53 U	53 U	43 U	170 U
Propionitrile	120000 U	2900 U	3000 U	12000 U	26 U	27 U	22 U	86 U
Methyl Methacrylate	120000 U	2900 U	3000 U	12000 U	26 U	27 U	22 U	86 U
trans-1,4-Dichloro-2-butene	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	22 U
Dichlorodifluoromethane	56000 U	1400 U	1400 U	5800 U	13 U	13 U	11 U	43 U
Isobutyl Alcohol	580000 U	15000 U	15000 U	61000 U	130 U	130 U	110 U	430 U
1,4-Dioxane	120000 UJ	2900 UJ	3000 UJ	12000 UJ	26 UJ	27 UJ	22 UJ	86 UJ
trans-1,2-Dichloroethene	29000 U	730 U	740 U	3000 U	6 U	7 U	5 U	22 U
Methylene Chloride	56000 U	1400 U	1400 U	5800 U	13 U	13 U	11 U	43 U
Bromoform	56000 U	1400 U	1400 U	5800 U	13 U	13 U	11 U	43 U
Chlorobenzene	56000 U	1400 U	1400 U	5800 U	13 U	13 U	11 U	43 U
cis-1,2-Dichloroethene	56000 U	1400 U	1400 U	5800 U	13 U	13 U	11 U	22 J
1,1,2,2-Tetrachloroethane	56000 U	1400 U	1400 U	5800 U	13 U	13 U	11 U	43 U
cis-1,3-Dichloropropene	56000 U	1400 U	1400 U	5800 U	13 U	13 U	11 U	43 U
Chloroprene	120000 U	2900 U	3000 U	12000 U	26 U	27 U	22 U	57 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	MW W4							
Upper Depth (feet)	12							
Lower Depth (feet)	14							
Soil/Fill Type	NATIVE							
Units	UG/KG							
Date Sampled	7/20/93							
Date Analyzed	7/28/93							
Remarks								
Laboratory	AQUATEC INC							
Chloromethane	17 U							
Bromomethane	17 U							
Vinyl chloride	17 U							
Chloroethane	17 U							
Acetone	220 U							
Carbon disulfide	6 J							
1,1-Dichloroethene	9 U							
1,1-Dichloroethane	16							
1,2-Dichloroethene (total)	11 J							
Chloroform	9 U							
1,2-Dichloroethane	9 U							
2-Butanone	17 U							
1,1,1-Trichloroethane	6 J							
Carbon tetrachloride	9 U							
Bromodichloromethane	9 U							
1,2-Dichloropropane	9 U							
Trichloroethene	36							
Dibromochloromethane	9 U							
1,1,2-Trichloroethane	9 U							
Benzene	9 U							
4-Methyl-2-pentanone	17 U							
2-Hexanone	17 U							
Tetrachloroethene	9 U							
Toluene	9 U							
Ethylbenzene	9 U							
Xylene (total)	9 U							
1,2-Dichlorobenzene	9 U							
1,3-Dichlorobenzene	9 U							

Sample ID	MW W4							
Upper Depth (feet)	12							
Lower Depth (feet)	14							
Soil/Fill Type	NATIVE							
Units	UG/KG							
Date Sampled	7/20/93							
Date Analyzed	7/28/93							
Remarks								
Laboratory	AQUATEC INC							
1,4-Dichlorobenzene	9 U							
Acetonitrile	69 U							
Propionitrile	35 U							
Methyl Methacrylate	35 U							
trans-1,4-Dichloro-2-butene	9 U							
Dichlorodifluoromethane	17 U							
Isobutyl Alcohol	170 U							
1,4-Dioxane	35 UJ							
trans-1,2-Dichloroethene	9 U							
Methylene Chloride	17 U							
Bromoform	17 U							
Chlorobenzene	17 U							
cis-1,2-Dichloroethene	11 J							
1,1,2,2-Tetrachloroethane	17 U							
cis-1,3-Dichloropropene	17 U							
Chloroprene	35 U							

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC ANALYSIS

Sample ID	SB 1	SB 1	SB 1	SB 4	SB 4	SB 4	SB 6	SB 6
Upper Depth (feet)	4	8	8	2	8	14	8	12
Lower Depth (feet)	6	10	10	4	8.5	16	10	14
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	PRO FILL	NATIVE	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/13/93	8/13/93	8/13/93	9/13/93	9/13/93	9/13/93	9/8/93	9/8/93
Date Analyzed	8/27/93	8/27/93	8/27/93	9/27/93	10/9/93	9/27/93	9/22/93	9/22/93
Remarks			Dup					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	22 U	7300 U	7300 U	56 U	92 UJ	1400 UJ	16 U	12 U
Bromomethane	22 U	7300 U	7300 U	56 U	92 UJ	1400 UJ	16 U	12 U
Vinyl chloride	22 U	7300 U	7300 U	56 U	92 UJ	1400 UJ	16 U	12 U
Chloroethane	360	7300 U	7300 U	260	2400 J	2400 J	16 U	12 U
Acetone	700 U	7300 U	7300 U	81 U	92 UJ	1400 U	350 U	260 U
Carbon disulfide	11 U	3800 U	3800 U	60	79 J	730 UJ	85	2 J
1,1-Dichloroethene	11 U	3800 U	3800 U	28 U	46 UJ	730 UJ	8 U	6 U
1,1-Dichloroethane	11 U	3800 U	3800 U	1200 J	180 J	730 UJ	4 J	6 U
1,2-Dichloroethene (total)	22 U	7300 U	7300 U	200	96 J	1400 UJ	16 U	12 U
Chloroform	11 U	3800 U	2000 J	28 U	46 UJ	730 UJ	8 U	6 U
1,2-Dichloroethane	11 U	3800 U	3800 U	81	100 J	730 UJ	8 U	6 U
2-Butanone	22 U	7300 U	7300 U	56 U	92 UJ	1400 UJ	34	12 U
1,1,1-Trichloroethane	11 U	3800 U	3800 U	490	88 J	730 UJ	8 U	6 U
Carbon tetrachloride	11 U	3800 U	3800 U	28 U	46 UJ	730 UJ	8 U	6 U
Bromodichloromethane	11 U	3800 U	3800 U	28 U	46 UJ	730 UJ	8 U	6 U
1,2-Dichloropropane	11 U	3800 U	3800 U	28 U	46 UJ	730 UJ	8 U	6 U
Trichloroethene	11 U	3800 U	3800 U	53	32 J	730 UJ	8 U	6 U
Dibromochloromethane	11 U	3800 U	3800 U	28 U	46 UJ	730 UJ	8 U	6 U
1,1,2-Trichloroethane	11 U	3800 U	3800 U	27 J	46 UJ	730 UJ	8 U	6 U
Benzene	3 J	3800 U	3800 U	28 U	95 J	730 UJ	8 U	6 U
4-Methyl-2-pentanone	22 U	7300 U	7300 U	56 U	92 UJ	1400 UJ	16 U	12 U
2-Hexanone	22 U	7300 U	7300 U	56 U	92 UJ	1400 UJ	16 U	12 U
Tetrachloroethene	11 U	3800 U	3800 U	28 U	370 J	730 UJ	8 U	6 U
Toluene	360	3800 U	3800 U	190	12000 J	8600 J	8 U	6 U
Ethylbenzene	13	3800 U	3800 U	130	30000 J	46000 J	33	6 U
Xylene (total)	46	3800 U	3800 U	360	90000 J	180000 J	8 U	6 U
1,2-Dichlorobenzene	11 U	3800 U	3800 U	28 U	46 UJ	730 UJ	8 U	6 U
1,3-Dichlorobenzene	11 U	3800 U	3800 U	28 U	46 UJ	730 UJ	8 U	6 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC ANALYSIS

Sample ID	SB 1	SB 1	SB 1	SB 4	SB 4	SB 4	SB 6	SB 6
Upper Depth (feet)	4	8	8	2	8	14	8	12
Lower Depth (feet)	8	10	10	4	8.5	16	10	14
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	PRO FILL	NATIVE	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/13/93	8/13/93	8/13/93	9/13/93	9/13/93	9/13/93	9/8/93	9/8/93
Date Analyzed	8/27/93	8/27/93	8/27/93	9/27/93	10/9/93	9/27/93	9/22/93	9/22/93
Remarks			Dup					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	11 U	3800 U	3800 U	28 U	46 UJ	730 UJ	8 U	6 U
Acetonitrile	89 U	30000 U	30000 U	220 U	370 UJ	5900 UJ	63 U	47 U
Propionitrile	44 U	15000 U	15000 U	110 U	180 UJ	2900 UJ	32 U	24 U
Methyl Methacrylate	44 U	15000 U	15000 U	110 U	180 UJ	2900 UJ	32 U	24 U
trans-1,4-Dichloro-2-butene	11 U	3800 U	3800 U	28 U	46 UJ	730 UJ	8 U	6 U
Dichlorodifluoromethane	22 U	7300 U	7300 U	56 UJ	92 UJ	1400 UJ	16 U	12 U
Isobutyl Alcohol	44 J	76000 U	76000 U	560 U	920 UJ	15000 UJ	160 U	120 U
1,4-Dioxane	44 UJ	15000 UJ	15000 UJ	R	R	R	32 UJ	24 UJ
trans-1,2-Dichloroethene	11 U	3800 U	3800 U	11 J	46 J	730 UJ	8 U	6 U
Methylene Chloride	22 U	7300 U	7300 U	56 U	92 UJ	1400 UJ	11 J	12 U
Bromoform	22 U	7300 U	7300 U	56 U	92 UJ	1400 UJ	16 U	12 U
Chlorobenzene	55	7300 U	7300 U	160	3500 J	4600 J	16 U	12 U
cis-1,2-Dichloroethene	22 U	7300 U	7300 U	190	50 J	1400 UJ	16 U	12 U
1,1,2,2-Tetrachloroethane	22 U	7300 U	7300 U	56 U	92 UJ	1400 UJ	16 U	12 U
cis-1,3-Dichloropropene	22 U	7300 U	7300 U	56 U	92 UJ	1400 UJ	16 U	12 U
Chloroprene	44 U	15000 U	15000 U	110 U	180 UJ	2900 UJ	32 U	24 U

Notes:
Dup = duplicate
IMP FILL = Imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 7	SB 7	SB 7	SB 7	SB 8	SB 8	SB 9-1	SB 9-1
Upper Depth (feet)	4	10	12	16	8	14	0	0
Lower Depth (feet)	6	12	14	18	10	16	2	2
Soil/Fill Type	PRO FILL	PRO FILL	NATIVE	NATIVE	PRO FILL	PEAT	IMP FILL-NATIVE	IMP FILL-NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	9/10/93	9/10/93	8/13/93	8/13/93	9/14/93	9/14/93
Date Analyzed	9/24/93	9/24/93	9/24/93	9/24/93	8/27/93	8/27/93	9/28/93	9/28/93
Remarks	Diluted							Dup of SB 9-1 0-2
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	55 U	17 U	57 U	12 U	85 U	14 U	11 U	11 U
Bromomethane	55 U	17 U	57 U	12 U	85 U	14 U	11 U	11 U
Vinyl chloride	55 U	17 U	57 U	12 U	85 U	31	11 U	11 U
Chloroethane	55 U	17 U	57 U	16	5400 J	270	11 U	11 U
Acetone	2000 U	620 J	2100 U	430 U	610 U	500 U	11 U	11 U
Carbon disulfide	27 U	47	29 U	6 U	24 J	7 U	2 J	6
1,1-Dichloroethene	27 U	9 U	29 U	6 U	42 U	7 U	6 U	6 U
1,1-Dichloroethane	27 U	9 U	29 U	6 U	42 U	34	6 U	6 U
1,2-Dichloroethene (total)	55 U	17 U	57 U	12 U	85 U	37	11 U	11 U
Chloroform	27 U	9 U	29 U	6 U	42 U	7 U	6 U	6 U
1,2-Dichloroethane	27 U	9 U	29 U	6 U	42 U	7 U	6 U	6 U
2-Butanone	55 U	73	57 U	12 U	46 J	14 U	11 UJ	11 UJ
1,1,1-Trichloroethane	27 U	9 U	29 U	6 U	42 U	7 U	6 U	6 U
Carbon tetrachloride	27 U	9 U	29 U	6 U	42 U	7 U	6 U	6 U
Bromodichloromethane	27 U	9 U	29 U	6 U	42 U	7 U	6 U	6 U
1,2-Dichloropropane	27 U	9 U	29 U	6 U	42 U	7 U	6 U	6 U
Trichloroethene	27 U	5 J	29 U	6 U	42 U	7 U	1 J	2 J
Dibromochloromethane	27 U	9 UJ	29 U	6 U	42 U	7 U	6 U	6 U
1,1,2-Trichloroethane	27 U	9 UJ	29 U	6 U	42 U	7 U	6 U	6 U
Benzene	27 U	30	29 U	6 U	42 U	2 J	6 U	6 U
4-Methyl-2-pentanone	55 U	17 UJ	57 U	12 U	85 U	14 U	11 U	11 U
2-Hexanone	55 U	17 UJ	57 U	12 U	85 U	14 U	11 UJ	11 UJ
Tetrachloroethene	27 U	9 UJ	29 U	6 U	42 U	7 U	6 U	6 U
Toluene	27 J	110 J	29	6 U	1700	7	3 J	16
Ethylbenzene	150	39000 J	17000 J	4 J	61	7 U	6 U	6 U
Xylene (total)	1100	270000 J	110000 J	63	350	3 J	6 U	8
1,2-Dichlorobenzene	27 U	9 UJ	29 U	6 U	42 U	7 U	6 U	6 U
1,3-Dichlorobenzene	27 U	9 U	29 U	6 U	42 U	7 U	6 U	6 U

Sample ID	SB 7	SB 7	SB 7	SB 7	SB 8	SB 8	SB 9-1	SB 9-1
Upper Depth (feet)	4	10	12	16	8	14	0	0
Lower Depth (feet)	6	12	14	18	10	16	2	2
Soil/Fill Type	PRO FILL	PRO FILL	NATIVE	NATIVE	PRO FILL	PEAT	IMP FILL-NATIVE	IMP FILL-NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	9/10/93	9/10/93	8/13/93	8/13/93	9/14/93	9/14/93
Date Analyzed	9/24/93	9/24/93	9/24/93	9/24/93	8/27/93	8/27/93	9/28/93	9/28/93
Remarks	Diluted							Dup of SB 9-1 0-2
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	27 U	9 UJ	29 U	6 U	42 U	7 U	6 U	6 U
Acetonitrile	220 U	69 U	230 U	49 U	340 U	54 U	45 U	45 U
Propionitrile	110 U	34 U	110 U	25 U	170 U	27 U	22 U	23 U
Methyl Methacrylate	110 U	34 U	110 U	25 U	170 U	27 U	22 U	23 U
trans-1,4-Dichloro-2-butene	27 U	9 U	29 U	6 U	42 U	7 U	6 U	6 U
Dichlorodifluoromethane	55 U	17 U	57 U	12 U	85 U	14 U	11 UJ	11 UJ
Isobutyl Alcohol	550 U	170 U	570 U	120 U	850 U	140 U	110 U	110 U
1,4-Dioxane	130 J	1400 J	210 J	180 J	170 UJ	1200 J	R	R
trans-1,2-Dichloroethene	27 U	9 UJ	29 U	6 U	42 U	7 U	6 U	6 U
Methylene Chloride	55 U	20	57 U	3 J	85 U	14 U	11 U	11 U
Bromoform	55 U	17 UJ	57 U	12 U	85 U	14 U	11 U	11 U
Chlorobenzene	55 U	18 J	57 U	2 J	120	8 J	11 U	11 U
cis-1,2-Dichloroethene	55 U	17 U	57 U	12 U	85 U	36	11 U	11 U
1,1,2,2-Tetrachloroethane	55 U	17 UJ	57 U	12 U	85 U	14 U	11 U	11 U
cis-1,3-Dichloropropene	55 U	17 U	57 U	12 U	85 U	14 U	11 U	11 U
Chloroprene	110 U	34 U	110 U	25 U	170 U	27 U	22 U	23 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 9-1	SB 10	SB 10	SB 10	SB 12	SB 12	SB 12	SB 13
Upper Depth (feet)	6	2	12	16	2	8	10	2
Lower Depth (feet)	8	4	14	18	4	10	12	4
Soil/Fill Type	NATIVE	PRO FILL	NATIVE	NATIVE	PRO FILL-IMP FILL	PRO FILL	PRO FILL-NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/14/93	9/20/93	9/20/93	9/20/93	9/8/93	9/8/93	9/8/93	9/20/93
Date Analyzed	9/28/93	10/2/93	10/2/93	10/1/93	9/22/93	9/22/93	9/22/93	10/4/93
Remarks			Diluted					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	12 U	190000 U	1400 U	64 U	22 U	18 UJ	15 U	15 U
Bromomethane	12 U	190000 U	1400 U	64 U	22 U	18 UJ	15 U	15 U
Vinyl chloride	12 U	190000 U	1400 U	64 U	22 U	18 UJ	15 U	31
Chloroethane	12 U	190000 U	1400 U	64 U	8 J	180 J	10 J	15 U
Acetone	26 UJ	1100000 U	20000 U	830 U	360	180 U	150 U	180 U
Carbon disulfide	6 U	98000 U	750 U	32 U	19	6 J	8 U	8
1,1-Dichloroethene	6 U	98000 U	750 U	32 U	11 U	9 UJ	8 U	8 U
1,1-Dichloroethane	6 U	98000 U	750 U	32 U	11 U	6 J	8 U	8 U
1,2-Dichloroethene (total)	12 U	240000	430 J	64 U	3 J	33 J	15 U	52
Chloroform	6 U	98000 U	750 U	32 U	11 U	9 UJ	8 U	8 U
1,2-Dichloroethane	6 U	98000 U	750 U	32 U	11 U	9 UJ	8 U	8 U
2-Butanone	12 UJ	280000	1400 U	64 U	66	18 UJ	15 U	15 U
1,1,1-Trichloroethane	6 U	98000 U	750 U	32 U	11 U	9 UJ	8 U	8 U
Carbon tetrachloride	6 U	98000 U	750 U	32 U	11 U	9 UJ	8 U	8 U
Bromodichloromethane	6 U	98000 U	750 U	32 U	11 U	9 UJ	8 U	8 U
1,2-Dichloropropane	6 U	98000 U	750 U	32 U	11 U	9 UJ	8 U	8 U
Trichloroethene	6 U	3500000	610 J	37	11 U	9 UJ	8 U	95
Dibromochloromethane	6 U	98000 U	750 U	32 U	11 U	9 UJ	8 U	8 UJ
1,1,2-Trichloroethane	6 U	98000 U	750 U	32 U	11 U	9 UJ	8 U	8 UJ
Benzene	6 U	98000 U	750 U	32 U	11 U	5 J	8 U	8 U
4-Methyl-2-pentanone	12 U	190000 U	1400 U	64 U	22 U	18 UJ	15 U	15 UJ
2-Hexanone	12 UJ	190000 U	1400 U	64 U	22 U	18 UJ	15 U	15 UJ
Tetrachloroethene	6 U	98000 U	750 U	32 U	11 U	9 UJ	8 U	8 UJ
Toluene	6 U	2100000	450 J	21 J	38	160 J	8 U	100 J
Ethylbenzene	6 U	250000	750 U	32 U	11 U	37 J	8 U	12 J
Xylene (total)	6 U	1900000	580 J	21 J	7 J	170 J	4 J	88 J
1,2-Dichlorobenzene	6 U	98000 U	750 U	32 U	11 U	9 UJ	8 U	8 UJ
1,3-Dichlorobenzene	6 U	98000 U	750 U	32 U	11 U	9 UJ	8 U	8 U

Sample ID	SB 9-1	SB 10	SB 10	SB 10	SB 12	SB 12	SB 12	SB 13
Upper Depth (feet)	6	2	12	16	2	8	10	2
Lower Depth (feet)	8	4	14	18	4	10	12	4
Soil/Fill Type	NATIVE	PRO FILL	NATIVE	NATIVE	PRO FILL-IMP FILL	PRO FILL	PRO FILL-NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/14/93	9/20/93	9/20/93	9/20/93	9/8/93	9/8/93	9/8/93	9/20/93
Date Analyzed	9/28/93	10/2/93	10/2/93	10/1/93	9/22/93	9/22/93	9/22/93	10/4/93
Remarks			Diluted					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	6 U	98000 U	750 U	32 U	11 U	9 UJ	8 U	8 UJ
Acetonitrile	49 U	790000 U	6000 U	260 U	89 U	74 UJ	61 U	61 U
Propionitrile	24 U	400000 U	3000 U	130 U	44 U	37 UJ	30 U	30 U
Methyl Methacrylate	24 U	400000 U	3000 U	130 U	44 U	37 UJ	30 U	30 U
trans-1,4-Dichloro-2-butene	6 U	98000 U	750 U	32 U	11 U	9 UJ	8 U	8 UJ
Dichlorodifluoromethane	12 UJ	190000 U	1400 U	64 U	22 U	18 UJ	15 U	15 U
Isobutyl Alcohol	120 U	2000000 U	15000 U	640 U	220 U	180 UJ	150 U	150 U
1,4-Dioxane	R	400000 UJ	3000 UJ	130 UJ	44 UJ	37 UJ	30 UJ	30 UJ
trans-1,2-Dichloroethene	6 U	98000 U	750 U	32 U	11 U	9 UJ	8 U	3 J
Methylene Chloride	12 U	190000 U	1400 U	64 U	7 J	18 UJ	15 U	15 U
Bromoform	12 U	190000 U	1400 U	64 U	22 U	18 UJ	15 U	15 UJ
Chlorobenzene	12 U	1500000	1800	43 U	22 U	250 J	8 J	64 J
cis-1,2-Dichloroethene	12 U	230000	420 J	64 U	3 J	32 J	15 U	49
1,1,2,2-Tetrachloroethane	12 U	190000 U	1400 U	64 U	22 U	18 UJ	15 U	15 UJ
cis-1,3-Dichloropropene	12 U	190000 U	1400 U	64 U	22 U	18 UJ	15 U	15 U
Chloroprene	24 U	400000 U	3000 U	130 U	44 U	37 UJ	30 U	30 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC ANALYSIS

Sample ID	SB 13	SB 14	SB 14	SB 15	SB 15	SB 16	SB 16	SB 16
Upper Depth (feet)	8	1	2	2	6	6	6	14
Lower Depth (feet)	10	2	4	4	8	8	8	16
Soil/Fill Type	NATIVE	PRO FILL-NATIVE	NATIVE	IMP FILL	NATIVE	PRO FILL	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/20/93	9/15/93	9/15/93	9/13/93	9/13/93	9/9/93	9/9/93	9/9/93
Date Analyzed	10/4/93	9/28/93	9/28/93	9/27/93	9/27/93	9/23/93	9/23/93	10/8/93
Remarks							Dup	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	10 U	13 U	10 U	10 U	13 U	14 U	14 U	13 R
Bromomethane	10 U	13 U	10 U	10 U	13 U	14 U	14 U	13 R
Vinyl chloride	10 U	13 U	10 U	10 U	13 U	14 U	14 U	13 R
Chloroethane	10 U	13 U	10 U	10 U	13 U	14 U	14 U	13 R
Acetone	120 U	130 U	100 U	10 U	120 U	140 U	140 U	13 R
Carbon disulfide	5 U	6 U	5 U	5 U	6 U	7 U	3 J	6 R
1,1-Dichloroethene	5 U	6 U	5 U	5 U	6 U	7 U	7 U	6 R
1,1-Dichloroethane	5 U	10	5 U	5 U	6 U	7 U	7 U	6 R
1,2-Dichloroethene (total)	10 U	4 J	10 U	10 U	13 U	14 U	14 U	13 R
Chloroform	5 U	6 U	5 U	5 U	6 U	7 U	7 U	6 R
1,2-Dichloroethane	5 U	6 UJ	5 U	5 U	6 U	7 U	7 U	6 R
2-Butanone	10 U	13 U	10 U	10 U	13 U	14 U	19	13 R
1,1,1-Trichloroethane	5 U	23 J	5 U	5 U	6 U	7 U	7 U	6 R
Carbon tetrachloride	5 U	6 UJ	5 U	5 U	6 U	7 U	7 U	6 R
Bromodichloromethane	5 U	6 UJ	5 U	5 U	6 U	7 U	7 U	6 R
1,2-Dichloropropane	5 U	6 UJ	5 U	5 U	6 U	7 U	7 U	6 R
Trichloroethene	5 U	57 J	5 U	6 J	6 U	7 U	7 U	6 R
Dibromochloromethane	5 U	6 UJ	5 U	5 U	6 U	7 U	7 U	6 R
1,1,2-Trichloroethane	5 U	6 UJ	5 U	5 U	6 U	7 U	7 U	6 R
Benzene	5 U	5 J	5 U	2 J	6 U	7 U	7 U	6 R
4-Methyl-2-pentanone	10 U	13 UJ	10 U	10 U	13 U	14 U	14 U	13 R
2-Hexanone	10 U	13 UJ	10 U	10 U	13 U	14 U	14 U	13 R
Tetrachloroethene	5 U	6 UJ	5 U	5 U	6 U	7 U	7 U	6 R
Toluene	5 U	5 J	5 U	3 J	6 U	7 U	7 U	6 R
Ethylbenzene	5 U	6 UJ	5 U	5 U	6 U	7 U	7 U	6 R
Xylene (total)	5 U	6 UJ	5 U	5 U	5 J	7 U	7 U	6 R
1,2-Dichlorobenzene	5 U	6 UJ	5 U	5 U	6 U	7 U	7 U	6 R
1,3-Dichlorobenzene	5 U	6 UJ	5 U	5 U	6 U	7 U	7 U	6 R

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 13	SB 14	SB 14	SB 15	SB 15	SB 16	SB 16	SB 16
Upper Depth (feet)	8	1	2	2	6	6	8	14
Lower Depth (feet)	10	2	4	4	8	8	8	16
Soil/Fill Type	NATIVE	PRO FILL-NATIVE	NATIVE	IMP FILL	NATIVE	PRO FILL	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/20/93	9/15/93	9/15/93	9/13/93	9/13/93	9/9/93	9/9/93	9/9/93
Date Analyzed	10/4/93	9/28/93	9/28/93	9/27/93	9/27/93	9/23/93	9/23/93	10/8/93
Remarks							Dup	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	5 U	6 UJ	5 U	5 U	6 U	7 U	7 U	6 R
Acetonitrile	42 U	51 U	42 U	42 U	51 U	56 U	55 U	52 R
Propionitrile	21 U	26 U	21 U	21 U	26 U	28 U	27 U	26 R
Methyl Methacrylate	21 U	26 UJ	21 U	21 U	26 U	28 U	27 U	26 R
trans-1,4-Dichloro-2-butene	5 U	6 UJ	5 U	5 U	6 U	7 U	7 U	6 R
Dichlorodifluoromethane	10 U	13 U	10 U	10 UJ	13 UJ	14 U	14 U	13 R
Isobutyl Alcohol	100 U	130 UJ	100 U	100 U	130 U	140 U	140 U	130 R
1,4-Dioxane	21 UJ	26 UJ	21 UJ	R	R	28 UJ	27 UJ	26 R
trans-1,2-Dichloroethene	5 U	6 U	5 U	5 U	6 U	7 U	7 U	6 R
Methylene Chloride	10 U	19 U	10 U	10 U	13 U	14 U	14 U	13 R
Bromoform	10 U	13 UJ	10 U	10 U	13 U	14 U	14 U	13 R
Chlorobenzene	10 U	13 UJ	10 U	10 U	13 U	4 J	22	13 R
cis-1,2-Dichloroethene	10 U	4 J	10 U	10 U	13 U	14 U	14 U	13 R
1,1,2,2-Tetrachloroethane	10 U	13 UJ	10 U	10 U	13 U	14 U	14 U	13 R
cis-1,3-Dichloropropene	10 U	13 UJ	10 U	10 U	13 U	14 U	14 U	13 R
Chloroprene	21 U	26 U	21 U	21 U	26 U	28 U	27 U	26 R

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 19	SB 19	SB 20	SB 20	SB 20	SB 21	SB 21	SB 23
Upper Depth (feet)	8	12	1	2	12	1	8	3
Lower Depth (feet)	10	14	2	4	14	2	10	5
Soil/Fill Type	PRO FILL-NATIVE	NATIVE	IMP FILL	PRO FILL-IMP FILL	NATIVE	PRO FILL-IMP FILL	PRO FILL/NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/13/93	8/13/93	9/10/93	9/10/93	9/10/93	9/8/93	9/8/93	10/5/93
Date Analyzed	8/27/93	8/27/93	9/24/93	9/24/93	9/24/93	9/21/93	9/22/93	10/14/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	15 UJ	12 U	14 U	65 U	12 U	14 U	11 U	11 U
Bromomethane	15 UJ	12 U	14 U	65 U	12 U	14 U	11 U	11 U
Vinyl chloride	15 UJ	12 U	14 U	65 U	12 U	990 J	11 U	8 J
Chloroethane	15 UJ	12 U	14 U	65 U	12 U	14 U	11 U	11 U
Acetone	150 UJ	120 U	500 U	2300 U	430 U	210 U	160 U	180 U
Carbon disulfide	7 UJ	6 U	2 J	34	4 J	6 J	6 U	2 J
1,1-Dichloroethene	7 UJ	6 U	7 U	32 U	6 U	83	6 U	6 U
1,1-Dichloroethane	7 UJ	6 U	7 U	32 U	6 U	7 U	6 U	6 U
1,2-Dichloroethene (total)	3 J	12 U	12 J	26 J	12 U	260000 R	11 U	11 U
Chloroform	7 UJ	6 U	7 U	32 U	6 U	7 U	6 U	6 U
1,2-Dichloroethane	7 U	6 U	7 U	32 U	6 U	7 U	6 U	6 U
2-Butanone	15 UJ	12 U	14 U	65 U	12 U	14 U	7 J	100 U
1,1,1-Trichloroethane	7 U	6 U	7 U	32 U	6 U	7 U	6 U	6 U
Carbon tetrachloride	7 U	6 U	7 U	32 U	6 U	7 U	6 U	6 U
Bromodichloromethane	7 U	6 U	7 U	32 U	6 U	7 U	6 U	6 U
1,2-Dichloropropane	7 U	6 U	7 U	32 U	6 U	7 U	6 U	6 U
Trichloroethene	7 U	6 U	13	12 J	6 U	8200 J	6 U	6 U
Dibromochloromethane	7 U	6 U	7 UJ	32 U	6 U	7 UJ	6 U	6 U
1,1,2-Trichloroethane	7 U	6 U	7 UJ	32 U	6 U	7 UJ	6 U	6 U
Benzene	7 U	6 U	8	24 J	2 J	12	6 U	6 U
4-Methyl-2-pentanone	15 U	12 U	14 UJ	65 U	12 U	14 UJ	11 U	11 U
2-Hexanone	15 U	12 U	14 UJ	65 U	12 U	14 UJ	11 U	11 U
Tetrachloroethene	7 U	6 U	7 UJ	32 U	6 U	7 UJ	6 U	6 U
Toluene	7 U	6 U	10 J	39	2 J	140 J	6 U	4 J
Ethylbenzene	7 U	6 U	7 UJ	32 U	6 U	10 J	6 U	6 U
Xylene (total)	17	6 U	7 UJ	64	6 U	88 J	6 U	7
1,2-Dichlorobenzene	7 U	6 U	7 UJ	32 U	6 U	7 UJ	6 U	6 U
1,3-Dichlorobenzene	7 U	6 U	7 U	32 U	6 U	7 U	2 J	6 U

Sample ID	SB 19	SB 19	SB 20	SB 20	SB 20	SB 21	SB 21	SB 23
Upper Depth (feet)	8	12	1	2	12	1	8	3
Lower Depth (feet)	10	14	2	4	14	2	10	5
Soil/Fill Type	PRO FILL-NATIVE	NATIVE	IMP FILL	PRO FILL-IMP FILL	NATIVE	PRO FILL-IMP FILL	PRO FILL/NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/13/93	8/13/93	9/10/93	9/10/93	9/10/93	9/8/93	9/8/93	10/5/93
Date Analyzed	8/27/93	8/27/93	9/24/93	9/24/93	9/24/93	9/21/93	9/22/93	10/14/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	7 U	6 U	7 UJ	32 U	6 U	7 UJ	4 J	6 U
Acetonitrile	59 UJ	48 U	56 U	260 U	49 U	54 U	46 U	46 U
Propionitrile	29 UJ	24 U	28 U	130 U	25 U	27 U	23 U	23 U
Methyl Methacrylate	29 U	24 U	28 U	130 U	25 U	27 U	23 U	23 U
trans-1,4-Dichloro-2-butene	7 U	6 U	7 UJ	32 U	6 U	7 UJ	6 U	6 U
Dichlorodifluoromethane	15 UJ	12 U	14 U	65 U	12 U	14 U	11 U	11 U
Isobutyl Alcohol	150 U	120 U	140 U	650 U	120 U	140 U	110 U	110 U
1,4-Dioxane	29 UJ	24 UJ	28 UJ	130 UJ	21 J	27 UJ	25 J	23 UJ
trans-1,2-Dichloroethene	7 UJ	6 U	7 U	32 U	6 U	4400	6 U	6 U
Methylene Chloride	15 UJ	12 U	11 J	19 J	12 U	14 U	11 U	11 U
Bromoform	15 U	12 U	14 UJ	65 U	12 U	14 UJ	11 U	11 U
Chlorobenzene	18	12 U	25 J	140	12 U	7 J	11 U	11 U
cis-1,2-Dichloroethene	3 J	12 U	12 J	25 J	12 U	260000	11 U	11 U
1,1,2,2-Tetrachloroethane	15 U	12 U	14 UJ	65 U	12 U	14 UJ	11 U	11 U
cis-1,3-Dichloropropene	15 U	12 U	14 U	65 U	12 U	14 U	11 U	11 U
Chloroprene	29 U	24 U	28 U	130 U	25 U	27 U	23 U	23 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 23	SB 24	SB 24	SB 26	SB 26	SB 26	SB 26-1	SB 29
Upper Depth (feet)	7	4	8	4	8	14	1	0.75
Lower Depth (feet)	9	6	10	6	8	16	2	3
Soil/Fill Type	NATIVE	IMP FILL/PRO FILL	NATIVE	PRO FILL	PRO FILL	NATIVE	IMP FILL	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/5/93	9/8/93	9/8/93	9/23/93	9/23/93	9/23/93	9/23/93	10/7/93
Date Analyzed	10/14/93	9/22/93	9/22/93	10/6/93	10/6/93	10/6/93	10/6/93	10/19/93
Remarks				Reanalysis EPA/CDM	EPA/CDM		EPA/CDM	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	14 U	22 U	12 U	12 U	14 U	16 U	13 U	11 U
Bromomethane	14 U	22 U	12 U	12 U	14 U	15 U	13 U	11 U
Vinyl chloride	2 J	22 U	12 U	12 U	14 U	34	13 U	11 U
Chloroethane	14 U	22 U	12 U	12 U	14 U	15 U	13 U	11 U
Acetone	220 U	220 U	120 U	98 U	110 U	120 U	100 U	170 U
Carbon disulfide	7 U	6 J	1 J	8	3 U	2 J	4 J	6 U
1,1-Dichloroethene	7 U	11 U	6 U	6 U	7 U	7 U	6 U	6 U
1,1-Dichloroethane	6 J	9 J	6 U	6 U	7 U	30	6 U	6 U
1,2-Dichloroethene (total)	4 J	3 J	12 U	12 U	14 U	77	13 U	11 U
Chloroform	7 U	11 U	6 U	6 U	7 U	7 U	6 U	6 U
1,2-Dichloroethane	7 U	11 U	6 U	6 U	7 U	7 U	6 U	6 U
2-Butanone	14 U	22 U	12 U	12 U	14 U	15 U	13 U	11 U
1,1,1-Trichloroethane	5 J	17	6 U	6 U	7 U	7 U	6 U	6 U
Carbon tetrachloride	7 U	11 U	6 U	6 U	7 U	7 U	6 U	6 U
Bromodichloromethane	7 U	11 U	6 U	6 U	7 U	7 U	6 U	6 U
1,2-Dichloropropane	7 U	11 U	6 U	6 U	7 U	7 U	6 U	6 U
Trichloroethene	6 J	11 U	6 U	6 U	2 U	7 U	6 U	6 J
Dibromochloromethane	7 U	11 UJ	6 U	6 UJ	7 U	7 U	6 U	6 U
1,1,2-Trichloroethane	7 U	11 UJ	6 U	6 UJ	7 U	7 U	6 U	6 U
Benzene	7 U	11 U	6 U	6 U	7 U	2 J	6 U	6 U
4-Methyl-2-pentanone	14 U	22 UJ	12 U	12 UJ	14 U	15 U	13 U	11 U
2-Hexanone	14 U	22 UJ	12 U	12 UJ	14 U	15 U	13 U	11 U
Tetrachloroethene	7 U	11 UJ	6 U	6 UJ	7 U	7 U	6 U	6 U
Toluene	7 U	11 UJ	6 U	6 UJ	7 U	7 U	6 U	6 U
Ethylbenzene	7 U	11 UJ	6 U	6 UJ	7 U	7 U	6 U	6 U
Xylene (total)	7 U	11 UJ	6 U	6 UJ	7 U	7 U	6 U	6 U
1,2-Dichlorobenzene	7 U	11 UJ	6 U	6 UJ	7 U	7 U	6 U	6 U
1,3-Dichlorobenzene	7 U	11 U	6 U	6 U	7 U	7 U	6 U	6 U

Sample ID	SB 23	SB 24	SB 24	SB 26	SB 26	SB 26	SB 26-1	SB 29
Upper Depth (feet)	7	4	8	4	6	14	1	0.75
Lower Depth (feet)	9	6	10	6	8	16	2	3
Soil/Fill Type	NATIVE	IMP FILL/PRO FILL	NATIVE	PRO FILL	PRO FILL	NATIVE	IMP FILL	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/6/93	9/8/93	9/8/93	9/23/93	9/23/93	9/23/93	9/23/93	10/7/93
Date Analyzed	10/14/93	9/22/93	9/22/93	10/6/93	10/6/93	10/6/93	10/6/93	10/19/93
Remarks				Reanalysis EPA/CDM	EPA/CDM		EPA/CDM	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	7 U	11 UJ	6 U	6 UJ	7 U	7 U	6 U	6 U
Acetonitrile	56 U	89 U	48 U	49 U	54 U	60 U	51 U	45 U
Propionitrile	28 U	44 U	24 U	24 U	27 U	30 U	25 U	22 U
Methyl Methacrylate	28 U	44 U	24 U	24 U	27 U	30 U	25 U	22 U
trans-1,4-Dichloro-2-butene	7 U	11 UJ	6 U	6 UJ	7 U	7 U	6 U	6 U
Dichlorodifluoromethane	14 U	22 U	12 U	12 U	14 U	15 U	13 U	11 U
Isobutyl Alcohol	140 U	220 U	120 U	120 U	140 U	150 U	130 U	110 U
1,4-Dioxane	28 UJ	44 UJ	24 UJ	24 UJ	27 U	330 J	25 UJ	22 U
trans-1,2-Dichloroethene	7 U	11 U	6 U	6 U	7 U	7 U	6 U	6 U
Methylene Chloride	14 U	22 U	12 U	12 U	14 U	15 U	13 U	11 U
Bromoform	14 U	22 UJ	12 U	12 UJ	14 U	15 U	13 U	11 U
Chlorobenzene	14 U	22 UJ	12 U	12 UJ	14 U	10 J	13 U	11 U
cis-1,2-Dichloroethene	4 J	3 J	12 U	12 U	14 U	78	13 U	11 U
1,1,2,2-Tetrachloroethane	14 U	22 U	12 U	12 UJ	14 U	15 U	13 U	11 U
cis-1,3-Dichloropropene	14 U	22 U	12 U	12 U	14 U	15 U	13 U	11 U
Chloroprene	28 U	44 U	24 U	24 U	27 U	30 U	25 U	22 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 29	SB 30	SB 30	SB 30	SB 38	SB 38	SB 40	SB 40
Upper Depth (feet)	7	0.583	5	11	3	10	2	8
Lower Depth (feet)	9	3	7	13	5	12	4	10
Soil/Fill Type	NATIVE	IMP FILL	PRO FILL	NATIVE	IMP FILL	NATIVE	IMP FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/7/93	10/6/93	10/5/93	10/6/93	10/4/93	10/4/93	9/15/93	9/15/93
Date Analyzed	10/19/93	10/14/93	10/14/93	10/14/93	10/11/93	10/11/93	9/28/93	9/29/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	14 U	12 U	18 UJ	14 U	11 U	11 U	10 U	12 U
Bromomethane	14 U	12 U	18 UJ	14 U	11 U	11 U	10 U	12 U
Vinyl chloride	14 U	12 U	18 UJ	14 U	11 U	11 U	10 U	12 U
Chloroethane	14 U	12 U	18 UJ	14 U	11 U	11 U	10 U	12 U
Acetone	14 U	190 U	280 UJ	230 U	210 U	210 U	42 U	12 U
Carbon disulfide	7 U	6 U	9 UJ	7 U	6 U	6 U	5 U	6 U
1,1-Dichloroethene	7 U	6 U	9 UJ	7 U	6 U	6 U	18	6 U
1,1-Dichloroethane	7 U	6 U	13 J	7 U	4 J	6 U	42	380
1,2-Dichloroethene (total)	2 J	12 U	18 UJ	3 J	9 J	11 U	7 J	12 U
Chloroform	7 U	6 U	9 UJ	7 U	6 U	6 U	5 U	6 U
1,2-Dichloroethane	7 U	6 U	9 UJ	7 U	6 U	6 U	5 U	6 U
2-Butanone	14 U	12 U	160 UJ	14 U	11 U	11 U	10 U	12 U
1,1,1-Trichloroethane	7 U	6 U	9 UJ	7 U	180	6 U	6800	2700
Carbon tetrachloride	7 U	6 U	9 UJ	7 U	6 U	6 U	5 U	6 U
Bromodichloromethane	7 U	6 U	9 UJ	7 U	6 U	6 U	5 U	6 U
1,2-Dichloropropane	7 U	6 U	9 UJ	7 U	6 U	6 U	5 U	6 U
Trichloroethene	2 J	6 U	9 UJ	12	180	3 J	46	140
Dibromochloromethane	7 U	6 U	9 UJ	7 U	6 U	6 U	5 U	6 UJ
1,1,2-Trichloroethane	7 U	6 U	9 UJ	7 U	6 U	6 U	5 U	6 UJ
Benzene	7 U	6 U	9 UJ	7 U	6 U	6 U	5 U	6 U
4-Methyl-2-pentanone	14 U	12 U	18 UJ	14 U	11 U	11 U	10 U	12 UJ
2-Hexanone	14 U	12 U	18 UJ	14 U	11 U	11 U	10 U	12 UJ
Tetrachloroethene	7 U	6 U	9 UJ	7 U	29	6 U	2 J	2100 J
Toluene	7 U	6 U	9 UJ	7 U	4 J	6 U	2 J	6 UJ
Ethylbenzene	7 U	6 U	9 UJ	7 U	6 U	6 U	6	6 UJ
Xylene (total)	7 U	6 U	9 UJ	7 U	6 U	6 U	50	6 UJ
1,2-Dichlorobenzene	7 U	6 U	9 UJ	7 U	6 U	6 U	5 U	6 UJ
1,3-Dichlorobenzene	7 U	6 U	9 UJ	7 U	6 U	6 U	5 U	6 UJ

Sample ID	SB 29	SB 30	SB 30	SB 30	SB 38	SB 38	SB 40	SB 40
Upper Depth (feet)	7	0.583	5	11	3	10	2	8
Lower Depth (feet)	9	3	7	13	5	12	4	10
Soil/Fill Type	NATIVE	IMP FILL	PRO FILL	NATIVE	IMP FILL	NATIVE	IMP FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/7/93	10/5/93	10/5/93	10/5/93	10/4/93	10/4/93	9/15/93	9/15/93
Date Analyzed	10/19/93	10/14/93	10/14/93	10/14/93	10/11/93	10/11/93	9/28/93	9/29/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	7 U	6 U	9 UJ	7 U	6 U	6 U	5 U	6 UJ
Acetonitrile	54 U	46 U	70 UJ	56 U	45 U	45 U	42 U	46 U
Propionitrile	27 U	23 U	35 UJ	28 U	22 U	22 U	21 U	23 U
Methyl Methacrylate	27 U	23 U	35 UJ	28 U	22 U	22 U	21 U	23 U
trans-1,4-Dichloro-2-butene	7 U	6 U	9 UJ	7 U	6 U	6 U	5 U	6 UJ
Dichlorodifluoromethane	14 U	12 U	18 UJ	14 U	11 U	11 U	10 U	12 U
Isobutyl Alcohol	140 U	120 U	180 UJ	140 U	110 U	110 U	100 U	120 U
1,4-Dioxane	27 U	23 UJ	35 UJ	28 UJ	22 UJ	22 UJ	21 UJ	23 UJ
trans-1,2-Dichloroethene	7 U	6 U	9 UJ	7 U	6 U	6 U	5 U	6 U
Methylene Chloride	14 U	12 U	18 UJ	4 J	11 U	11 U	10 U	12 U
Bromoform	14 U	12 U	18 UJ	14 U	11 U	11 U	10 U	12 UJ
Chlorobenzene	14 U	12 U	18 UJ	14 U	11 U	11 U	10 U	12 UJ
cis-1,2-Dichloroethene	2 J	12 U	18 UJ	3 J	8 J	11 U	7 J	12 U
1,1,2,2-Tetrachloroethane	14 U	12 U	18 UJ	14 U	11 U	11 U	10 U	12 UJ
cis-1,3-Dichloropropene	14 U	12 U	18 UJ	14 U	11 U	11 U	10 U	12 U
Chloroprene	27 U	23 U	35 UJ	28 U	22 U	22 U	21 U	23 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC ANALYSIS

Sample ID	SB 41	SB 41	SB 41	SB 42	SB 42	SB 43	SB 43	SB 43
Upper Depth (feet)	2	4	10	6	8	2	6	12
Lower Depth (feet)	4	6	12	8	10	4	8	14
Soil/Fill Type	IMP FILL	IMP FILL/PRO FILL/	NATIVE	PRO FILL	NATIVE	IMP FILL	PEAT	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/16/93	9/16/93	9/9/93	9/9/93	9/17/93	9/17/93	9/17/93
Date Analyzed	9/28/93	9/28/93	9/28/93	9/23/93	9/23/93	10/1/93	10/1/93	10/1/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	12 U	14 U	11 U	26 U	12 U	1300 U	71 U	12 U
Bromomethane	12 U	14 U	11 U	26 U	12 U	1300 U	71 U	12 U
Vinyl chloride	12 U	14 U	11 U	26 U	12 U	1300 U	71 U	12 U
Chloroethane	12 U	14 U	11 U	26 U	12 U	1300 U	2200	12 U
Acetone	170 U	380 U	150 U	260 U	120 U	1300 U	4500	140 U
Carbon disulfide	6 U	9	5 U	5 J	2 J	670 U	26 J	6 U
1,1-Dichloroethene	6 U	7 U	5 U	13 U	6 U	670 U	36 U	6 U
1,1-Dichloroethane	6 U	23	2 J	6 J	6 U	670 U	36 U	6 U
1,2-Dichloroethene (total)	12 U	4 J	2 J	8 J	12 U	1300 U	12 J	12 U
Chloroform	6 U	7 U	5 U	13 U	6 U	670 U	36 U	6 U
1,2-Dichloroethane	6 U	7 U	5 U	13 U	6 U	670 U	36 U	6 U
2-Butanone	12 U	12 J	11 U	26 U	12 U	1300 U	870	12 U
1,1,1-Trichloroethane	6 U	22	6	13 U	6 U	670 U	36 U	6 U
Carbon tetrachloride	6 U	7 U	5 U	13 U	6 U	670 U	36 U	6 U
Bromodichloromethane	6 U	7 U	5 U	13 U	6 U	670 U	36 U	6 U
1,2-Dichloropropane	6 U	7 U	5 U	13 U	6 U	670 U	36 U	6 U
Trichloroethene	2 J	4 J	5 U	13 U	6 U	670 U	36 U	6 U
Dibromochloromethane	6 U	7 U	5 U	13 U	6 U	670 UJ	36 UJ	6 U
1,1,2-Trichloroethane	6 U	7 U	5 U	13 U	6 U	670 UJ	36 UJ	6 U
Benzene	6 U	7	5 U	12 J	6 U	670 U	150	6 U
4-Methyl-2-pentanone	12 U	14 U	11 U	26 U	12 U	1300 UJ	71 UJ	12 U
2-Hexanone	12 U	14 U	11 U	26 U	12 U	1300 UJ	71 UJ	12 U
Tetrachloroethene	6 U	7 U	5 U	13 U	6 U	670 UJ	36 UJ	6 U
Toluene	6 U	7	5 U	120	10	670 UJ	110 J	6 U
Ethylbenzene	6 U	7 U	5 U	34	6 U	670 UJ	36 UJ	6 U
Xylene (total)	6 U	7 U	5 U	150	9	670 UJ	50 J	10
1,2-Dichlorobenzene	6 U	7 U	5 U	13 U	6 U	670 UJ	36 UJ	6 U
1,3-Dichlorobenzene	6 U	7 U	5 U	13 U	6 U	670 U	36 U	6 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC ANALYSIS

Sample ID	SB 41	SB 41	SB 41	SB 42	SB 42	SB 43	SB 43	SB 43
Upper Depth (feet)	2	4	10	6	8	2	6	12
Lower Depth (feet)	4	6	12	8	10	4	8	14
Soil/Fill Type	IMP FILL	IMP FILL/PRO FILL/	NATIVE	PRO FILL	NATIVE	IMP FILL	PEAT	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/16/93	9/16/93	9/9/93	9/9/93	9/17/93	9/17/93	9/17/93
Date Analyzed	9/28/93	9/28/93	9/28/93	9/23/93	9/23/93	10/1/93	10/1/93	10/1/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	6 U	7 U	5 U	13 U	6 U	670 UJ	36 UJ	6 U
Acetonitrile	49 U	56 U	43 U	100 U	47 U	5400 U	280 U	49 U
Propionitrile	24 U	27 U	22 U	53 U	24 U	2700 U	140 U	25 U
Methyl Methacrylate	24 U	27 U	22 U	53 U	24 U	2700 U	140 U	25 U
trans-1,4-Dichloro-2-butene	6 U	7 U	5 U	13 U	6 U	670 UJ	36 UJ	6 U
Dichlorodifluoromethane	12 U	14 U	11 U	26 U	12 U	1300 U	71 U	12 U
Isobutyl Alcohol	120 U	140 U	110 U	260 U	120 U	13000 U	710 U	120 U
1,4-Dioxane	24 UJ	27 UJ	22 UJ	53 UJ	24 UJ	2700 UJ	140 UJ	25 UJ
trans-1,2-Dichloroethene	6 U	7 U	5 U	13 U	6 U	670 U	36 U	6 U
Methylene Chloride	12 U	27 U	11 U	26 U	12 U	1300 U	71 U	12 U
Bromoform	12 U	14 U	11 U	26 U	12 U	1300 UJ	71 UJ	12 U
Chlorobenzene	12 U	14 U	11 U	16 J	14	1300 UJ	120 J	12 U
cis-1,2-Dichloroethene	12 U	4 J	2 J	7 J	12 U	1300 U	11 J	12 U
1,1,2,2-Tetrachloroethane	12 U	14 U	11 U	26 U	12 U	1300 UJ	71 UJ	12 U
cis-1,3-Dichloropropene	12 U	14 U	11 U	26 U	12 U	1300 U	71 U	12 U
Chloroprene	24 U	27 U	22 U	53 U	24 U	2700 U	140 U	25 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

Sample ID	SB 44	SB 44	SB 44	SB 47	SB 47	SB 48-2	SB 48-2	SB 48-2
Upper Depth (feet)	0	10	22	2	6	1	5	12
Lower Depth (feet)	1.5	12	24	4	8	2	6	14
Soil/Fill Type	IMP FILL	PRO FILL	NATIVE	IMP FILL	NATIVE	IMP FILL	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/6/93	10/6/93	10/6/93	9/21/93	9/21/93	9/28/93	9/27/93	9/28/93
Date Analyzed	10/16/93	10/16/93	10/14/93	10/5/93	10/5/93	10/10/93	10/10/93	10/10/93
Remarks	EPA/CDM	EPA/CDM	EPA/CDM					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	11 UJ	92 U	62 U	11 U	12 U	13 UJ	17 U	12 U
Bromomethane	11 UJ	92 U	62 U	11 U	12 U	13 UJ	17 U	12 U
Vinyl chloride	11 UJ	92 U	62 U	11 U	12 U	13 UJ	17 U	12 U
Chloroethane	11 UJ	18 J	62 U	11 U	12 U	13 UJ	17 U	12 U
Acetone	230 U	390 U	260 U	11 U	140 U	220 U	290 U	200 U
Carbon disulfide	5 UJ	46 U	31 U	6 U	6 U	6 UJ	4 J	6 U
1,1-Dichloroethene	5 UJ	46 U	31 U	6 U	6 U	6 UJ	8 U	6 U
1,1-Dichloroethane	6 J	22 J	31 U	6 U	46	8 J	72	3 J
1,2-Dichloroethene (total)	11 UJ	92 U	62 U	11 U	12 U	13 UJ	17	8 J
Chloroform	5 UJ	46 U	31 U	6 U	6 U	6 UJ	8 U	6 U
1,2-Dichloroethane	5 UJ	46 U	31 U	6 U	6 U	6 UJ	8 U	6 U
2-Butanone	11 UJ	92 U	62 U	11 U	12 U	13 UJ	17 U	12 U
1,1,1-Trichloroethane	17 J	46 U	31 U	2 U	6 U	46 J	53	28
Carbon tetrachloride	5 UJ	46 U	31 U	6 U	6 U	6 UJ	8 U	6 U
Bromodichloromethane	5 UJ	46 U	31 U	6 U	6 U	6 UJ	8 U	6 U
1,2-Dichloropropane	5 UJ	46 U	31 U	6 U	6 U	6 UJ	8 U	6 U
Trichloroethene	5 UJ	46 U	31 U	6 U	2 U	47 J	58	6 U
Dibromochloromethane	5 UJ	46 U	31 U	6 U	6 U	6 UJ	8 U	6 U
1,1,2-Trichloroethane	5 UJ	46 U	31 U	6 U	6 U	6 UJ	8 U	6 U
Benzene	5 UJ	120	17 J	6 U	6 U	6 UJ	5 J	6 U
4-Methyl-2-pentanone	11 UJ	92 U	62 U	11 U	12 U	13 UJ	17 U	12 U
2-Hexanone	11 UJ	92 U	62 U	11 U	12 U	13 UJ	17 U	12 U
Tetrachloroethene	42 J	46 U	31 U	6 U	6 U	4 J	8 U	6 U
Toluene	7 J	45 J	9 J	3 U	2 U	6 UJ	8 U	6 U
Ethylbenzene	13 J	570	73	6 U	6 U	6 UJ	8 U	6 U
Xylene (total)	100 J	2400	680	6 U	6 U	6 UJ	8 U	6 U
1,2-Dichlorobenzene	5 UJ	46 U	31 U	6 U	6 U	6 UJ	8 U	6 U
1,3-Dichlorobenzene	5 UJ	46 U	31 U	6 U	6 U	6 UJ	8 U	6 U

Sample ID	SB 44	SB 44	SB 44	SB 47	SB 47	SB 48-2	SB 48-2	SB 48-2
Upper Depth (feet)	0	10	22	2	6	1	5	12
Lower Depth (feet)	1.5	12	24	4	8	2	6	14
Soil/Fill Type	IMP FILL	PRO FILL	NATIVE	IMP FILL	NATIVE	IMP FILL	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/6/93	10/6/93	10/6/93	9/21/93	9/21/93	9/28/93	9/27/93	9/28/93
Date Analyzed	10/16/93	10/16/93	10/14/93	10/5/93	10/5/93	10/10/93	10/10/93	10/10/93
Remarks	EPA/CDM	EPA/CDM	EPA/CDM					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	5 UJ	46 U	31 U	6 U	6 U	6 UJ	8 U	6 U
Acetonitrile	43 UJ	370 U	250 U	45 U	50 U	52 UJ	67 U	48 U
Propionitrile	22 UJ	180 U	120 U	22 U	25 U	26 UJ	33 U	24 U
Methyl Methacrylate	22 UJ	180 U	120 U	22 U	25 U	26 UJ	33 U	24 U
trans-1,4-Dichloro-2-butene	5 UJ	46 U	31 U	6 U	6 U	6 UJ	8 U	6 U
Dichlorodifluoromethane	11 UJ	92 U	62 U	11 U	12 U	13 UJ	17 U	12 U
Isobutyl Alcohol	110 UJ	920 U	620 U	110 U	120 U	130 UJ	170 U	120 U
1,4-Dioxane	22 UJ	180 UJ	120 UJ	36 U	130	26 UJ	33 UJ	24 UJ
trans-1,2-Dichloroethene	5 UJ	46 U	31 U	6 U	6 U	6 UJ	8 U	6 U
Methylene Chloride	6 J	92 U	62 U	11 U	12 U	13 UJ	17 U	12 U
Bromoform	11 UJ	92 U	62 U	11 U	12 U	13 UJ	17 U	12 U
Chlorobenzene	11 UJ	92 U	62 U	11 U	3 J	13 UJ	17 U	12 U
cis-1,2-Dichloroethene	11 UJ	92 U	62 U	11 U	12 U	13 UJ	17	8 J
1,1,2,2-Tetrachloroethane	11 UJ	92 U	62 U	11 U	12 U	13 UJ	17 U	12 U
cis-1,3-Dichloropropene	11 UJ	92 U	62 U	11 U	12 U	13 UJ	17 U	12 U
Chloroprene	22 UJ	180 U	120 U	22 U	25 U	26 UJ	33 U	24 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 49	SB 49	SB 49	SB 49	SB 50	SB 50	SB 52-1	SB 52-1
Upper Depth (feet)	2	8	10	20	2	6	2	12
Lower Depth (feet)	4	9.5	12	22	4	8	4	14
Soil/Fill Type	NATIVE-IMP FILL	NATIVE	PEAT	NATIVE	IMP FILL	NATIVE	PRO FILL	PEAT
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/15/93	9/15/93	9/15/93	9/15/93	9/9/93	9/9/93	10/7/93	10/7/93
Date Analyzed	9/29/93	9/29/93	9/29/93	9/29/93	9/23/93	9/23/93	10/20/93	10/20/93
Remarks								Diluted
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	11 U	11 U	19 U	13 U	11 U	11 U	56 U	170 U
Bromomethane	11 U	11 U	19 U	13 U	11 U	11 U	56 U	170 U
Vinyl chloride	11 U	11 U	19 U	13 U	11 U	11 U	56 U	170 U
Chloroethane	11 U	11 U	3 J	13 U	11 U	11 U	56 U	170 U
Acetone	190 U	190 U	330 U	220 U	110 U	11 U	500 U	1500 U
Carbon disulfide	6 U	6 U	6 J	6 U	5 U	5 U	10 J	84 U
1,1-Dichloroethene	6 U	6 U	10 U	6 U	5 U	5 U	28 U	84 U
1,1-Dichloroethane	6 U	6 U	10 U	6 U	5 U	5 U	28 U	84 U
1,2-Dichloroethene (total)	11 U	11 U	19 U	13 U	11 U	11 U	56 U	170 U
Chloroform	6 U	6 U	10 U	6 U	5 U	5 U	28 U	84 U
1,2-Dichloroethane	6 U	6 U	10 U	6 U	5 U	5 U	28 U	84 U
2-Butanone	11 U	11 U	35	13 U	11 U	11 U	56 U	1200 U
1,1,1-Trichloroethane	6 U	6 U	10 U	6 U	5 U	5 U	28 U	84 U
Carbon tetrachloride	6 U	6 U	10 U	6 U	5 U	5 U	28 U	84 U
Bromodichloromethane	6 U	6 U	10 U	6 U	5 U	5 U	28 U	84 U
1,2-Dichloropropane	6 U	6 U	10 U	6 U	5 U	5 U	28 U	84 U
Trichloroethene	6 U	6 U	10 U	6 U	5 U	5 U	28 U	84 U
Dibromochloromethane	6 U	6 U	10 U	6 U	5 U	5 U	28 U	84 U
1,1,2-Trichloroethane	6 U	6 U	10 UJ	6 U	5 U	5 U	28 U	84 U
Benzene	6 U	6 U	27	6 U	5 U	5 U	22 J	57 J
4-Methyl-2-pentanone	11 U	11 U	19 UJ	13 U	11 U	11 U	56 U	170 U
2-Hexanone	11 U	11 U	19 UJ	13 U	11 U	11 U	56 U	170 U
Tetrachloroethene	2 J	6 U	10 UJ	12	5 U	5 U	28 U	84 U
Toluene	6 U	11 U	72 J	6 U	5 U	5 U	5600 J	780
Ethylbenzene	6 U	6 U	9 J	6 U	5 U	5 U	28 U	84 U
Xylene (total)	6 U	10	46 J	6 U	5 U	5 U	810	170
1,2-Dichlorobenzene	6 U	6 U	10 UJ	6 U	5 U	5 J	28 U	84 U
1,3-Dichlorobenzene	6 U	6 U	10 UJ	6 U	5 U	3 J	28 U	84 U

Sample ID	SB 49	SB 49	SB 49	SB 49	SB 50	SB 50	SB 52-1	SB 52-1
Upper Depth (feet)	2	8	10	20	2	6	2	12
Lower Depth (feet)	4	9.5	12	22	4	8	4	14
Soil/Fill Type	NATIVE-IMP FILL	NATIVE	PEAT	NATIVE	IMP FILL	NATIVE	PRO FILL	PEAT
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/15/93	9/15/93	9/15/93	9/15/93	9/9/93	9/9/93	10/7/93	10/7/93
Date Analyzed	9/29/93	9/29/93	9/29/93	9/29/93	9/23/93	9/23/93	10/20/93	10/20/93
Remarks								Diluted
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	6 U	6 U	10 UJ	6 U	5 U	4 J	28 U	84 U
Acetonitrile	45 U	44 U	77 U	53 U	43 U	43 U	220 U	670 U
Propionitrile	23 U	22 U	38 U	26 U	22 U	22 U	110 U	330 U
Methyl Methacrylate	23 U	22 U	38 U	26 U	22 U	22 U	110 U	330 U
trans-1,4-Dichloro-2-butene	6 U	6 U	10 U	6 U	5 U	5 U	28 U	84 U
Dichlorodifluoromethane	11 U	11 U	19 U	13 U	11 U	11 U	56 U	170 U
Isobutyl Alcohol	110 U	110 U	190 U	130 U	110 U	110 U	560 U	1700 U
1,4-Dioxane	23 UJ	22 UJ	38 UJ	26 UJ	22 UJ	22 UJ	110 U	330 U
trans-1,2-Dichloroethene	6 U	6 U	10 UJ	6 U	5 U	5 U	28 U	84 U
Methylene Chloride	11 U	11 U	7 J	13 U	3 J	11 U	56 U	170 U
Bromoform	11 U	11 U	19 UJ	13 U	11 U	11 U	56 U	170 U
Chlorobenzene	11 U	11 U	19 UJ	13 U	11 U	11 U	56 U	69 J
cis-1,2-Dichloroethene	11 U	11 U	19 U	13 U	11 U	11 U	56 U	170 U
1,1,2,2-Tetrachloroethane	11 U	11 U	19 UJ	13 U	11 U	11 U	56 U	170 U
cis-1,3-Dichloropropene	11 U	11 U	19 U	13 U	11 U	11 U	56 U	170 U
Chloroprene	23 U	22 U	38 U	26 U	22 U	22 U	110 U	330 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 52-1	SB 54	SB 54	SB 54	SB 55	SB 55	SB 58	SB 58
Upper Depth (feet)	18	2	8	12	2	8	2	6
Lower Depth (feet)	20	4	8.75	14	4	10	4	8
Soil/Fill Type	NATIVE	PRO FILL	PRO FILL	NATIVE	IMP FILL	NATIVE	IMP FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/7/93	9/21/93	9/21/93	9/21/93	9/10/93	9/10/93	9/17/93	9/17/93
Date Analyzed	10/19/93	10/6/93	10/6/93	10/6/93	9/24/93	9/24/93	10/1/93	10/8/93
Remarks					Diluted			
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	16 U	22 U	18 U	12 U	55 U	11 U	12 U	6200 R
Bromomethane	16 U	22 U	18 U	12 U	55 U	11 U	12 U	6200 R
Vinyl chloride	16 U	22 U	18 U	12 U	55 U	11 U	12 U	6200 R
Chloroethane	16 U	22 U	18 U	12 U	55 U	11 U	12 U	6200 R
Acetone	140 U	22 U	310	130 U	55 U	400 U	12 U	6200 R
Carbon disulfide	8 U	11 U	32	6 U	27 U	6 U	6 U	3200 R
1,1-Dichloroethene	8 U	11 U	9 U	6 U	27 U	6 U	6 U	3200 R
1,1-Dichloroethane	8 U	11 U	9 U	6 U	27 U	6 U	6 U	3200 R
1,2-Dichloroethene (total)	16 U	22 U	8 J	2 J	55 U	11 U	12 U	6200 R
Chloroform	8 U	11 U	35 U	6 U	27 U	6 U	6 U	3200 R
1,2-Dichloroethane	8 U	11 U	9 U	6 U	27 U	6 U	6 U	3200 R
2-Butanone	110 U	22 U	43	12 U	55 U	11 U	12 U	6200 R
1,1,1-Trichloroethane	8 U	16	9 U	6	63	6 U	6 U	3200 R
Carbon tetrachloride	8 U	11 U	9 U	6 U	27 U	6 U	6 U	3200 R
Bromodichloromethane	8 U	11 U	9 U	6 U	27 U	6 U	6 U	3200 R
1,2-Dichloropropane	8 U	11 U	9 U	6 U	27 U	6 U	6 U	3200 R
Trichloroethene	8 U	9 J	11	2 J	88	6 U	6 U	3200 R
Dibromochloromethane	8 U	11 U	9 UJ	6 U	27 U	6 U	6 U	3200 R
1,1,2-Trichloroethane	8 U	11 U	9 UJ	6 U	27 U	6 U	6 U	3200 R
Benzene	8 U	58	270	6 U	27 U	6 U	6 U	3200 R
4-Methyl-2-pentanone	16 U	22 U	18 UJ	12 U	55 U	11 U	12 U	6200 R
2-Hexanone	16 U	22 U	18 UJ	12 U	55 U	11 U	12 U	6200 R
Tetrachloroethene	8 U	11 U	9 UJ	6 U	9 J	6 U	6 U	3200 R
Toluene	11	11 U	25 J	6 U	27 U	6 U	6 U	3200 R
Ethylbenzene	8 U	69	63 J	6 U	27 U	6 U	6 U	3200 R
Xylene (total)	8 U	520	1100 J	6 U	27 U	5 J	6 U	27000 J
1,2-Dichlorobenzene	8 U	11 U	9 UJ	6 U	27 U	6 U	6 U	3200 R
1,3-Dichlorobenzene	8 U	11 U	9 U	6 U	27 U	6 U	6 U	3200 R

Sample ID	SB 52-1	SB 54	SB 54	SB 54	SB 55	SB 55	SB 58	SB 58
Upper Depth (feet)	18	2	8	12	2	8	2	8
Lower Depth (feet)	20	4	8.75	14	4	10	4	8
Soil/Fill Type	NATIVE	PRO FILL	PRO FILL	NATIVE	IMP FILL	NATIVE	IMP FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/7/93	9/21/93	9/21/93	9/21/93	9/10/93	9/10/93	8/17/93	9/17/93
Date Analyzed	10/19/93	10/5/93	10/5/93	10/5/93	9/24/93	9/24/93	10/1/93	10/8/93
Remarks					Diluted			
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	8 U	11 U	9 UJ	6 U	27 U	6 U	6 U	3200 R
Acetonitrile	64 U	89 U	70 U	46 U	220 U	45 U	48 U	26000 R
Propionitrile	32 U	44 U	35 U	23 U	110 U	23 U	24 U	13000 R
Methyl Methacrylate	32 U	44 U	35 U	23 U	110 U	23 U	24 U	13000 R
trans-1,4-Dichloro-2-butene	8 U	11 U	9 UJ	6 U	27 U	6 U	6 U	3200 R
Dichlorodifluoromethane	16 U	22 U	18 U	12 U	55 U	11 U	12 U	6200 R
Isobutyl Alcohol	160 U	220 U	180 U	120 U	550 U	110 U	120 U	64000 R
1,4-Dioxane	32 U	44 UJ	35 UJ	23 UJ	110 UJ	23 UJ	24 UJ	13000 R
trans-1,2-Dichloroethene	8 U	11 U	9 U	6 U	27 U	6 U	6 U	3200 R
Methylene Chloride	16 U	22 U	18 U	12 U	55 U	11 U	12 U	6200 R
Bromoform	16 U	22 U	18 UJ	12 U	55 U	11 U	12 U	6200 R
Chlorobenzene	16 U	22 U	18 UJ	12 U	55 U	11 U	12 U	6200 R
cis-1,2-Dichloroethene	16 U	22 U	8 J	2 J	55 U	11 U	12 U	6200 R
1,1,2,2-Tetrachloroethane	16 U	22 U	18 UJ	12 U	55 U	11 U	12 U	6200 R
cis-1,3-Dichloropropene	16 U	22 U	18 U	12 U	55 U	11 U	12 U	6200 R
Chloroprene	32 U	44 U	35 U	23 U	110 U	23 U	24 U	13000 R

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 60	SB 60	SB 60	SB 60	SB 60	SB 64	SB 64	SB 64
Upper Depth (feet)	1	6	18	28	32	1	4	8
Lower Depth (feet)	2	8	20	30	34	2	6	10
Soil/Fill Type	IMP FILL	NATIVE	NATIVE	PEAT	NATIVE	IMP FILL	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/16/93	9/16/93	9/16/93	9/16/93	9/20/93	9/20/93	9/20/93
Date Analyzed	9/30/93	9/30/93	9/30/93	10/1/93	9/30/93	10/4/93	10/4/93	10/4/93
Remarks				Diluted				
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	11 U	11 U	11 U	210 UJ	16 U	11 UJ	56 U	57 U
Bromomethane	11 U	11 U	11 U	210 UJ	16 U	11 UJ	56 U	57 U
Vinyl chloride	11 U	11 U	11 U	210 UJ	16 U	11 UJ	56 U	57 U
Chloroethane	11 U	11 U	11 U	210 UJ	16 U	11 UJ	56 U	57 U
Acetone	120 U	120 U	11 U	4500 J	170 U	130 U	670 U	690 U
Carbon disulfide	3 J	6 U	6 U	100 UJ	9	5 UJ	28 U	29 U
1,1-Dichloroethene	6 U	6 U	6 U	100 UJ	8 U	5 UJ	28 U	29 U
1,1-Dichloroethane	6 U	6 U	6 U	100 UJ	8 U	5 UJ	28 U	29 U
1,2-Dichloroethene (total)	11 U	11 U	11 U	210 UJ	16 U	11 UJ	56 U	57 U
Chloroform	6 U	6 U	6 U	100 UJ	8 U	28 J	28 U	29 U
1,2-Dichloroethane	6 U	6 U	6 U	100 UJ	8 U	5 UJ	28 U	29 U
2-Butanone	11 U	11 U	11 U	1000 J	16 U	11 UJ	56 U	57 U
1,1,1-Trichloroethane	6 U	6 U	6 U	100 UJ	8 U	6 J	28 U	29 U
Carbon tetrachloride	6 U	6 U	6 U	100 UJ	8 U	5 UJ	28 U	29 U
Bromodichloromethane	6 U	6 U	6 U	100 UJ	8 U	6 J	28 U	29 U
1,2-Dichloropropane	6 U	6 U	6 U	100 UJ	8 U	5 UJ	28 U	29 U
Trichloroethene	6 U	6 U	6 U	100 UJ	8 U	830 J	29	29 U
Dibromochloromethane	6 U	6 U	6 U	100 UJ	8 U	5 UJ	28 U	29 U
1,1,2-Trichloroethane	6 U	6 U	6 U	100 UJ	8 U	5 UJ	28 U	29 U
Benzene	6 U	6 U	6 U	100 UJ	8 U	6 J	28 U	29 U
4-Methyl-2-pentanone	11 U	11 U	11 U	210 UJ	16 U	11 UJ	56 U	57 U
2-Hexanone	11 U	11 U	11 U	210 UJ	16 U	11 UJ	56 U	57 U
Tetrachloroethene	6 U	6 U	6 U	100 UJ	8 U	5 UJ	28 U	29 U
Toluene	6 U	6 U	6 U	100 J	8 U	110 J	28 U	29 U
Ethylbenzene	5 J	6 U	6 U	100 UJ	8 U	5 UJ	28 U	29 U
Xylene (total)	25	6 U	6 U	140 J	8 U	35 J	28 U	29 U
1,2-Dichlorobenzene	6 U	6 U	6 U	100 UJ	8 U	5 UJ	28 U	29 U
1,3-Dichlorobenzene	6 U	6 U	6 U	100 UJ	8 U	5 UJ	28 U	29 U

Sample ID	SB 60	SB 60	SB 60	SB 60	SB 60	SB 64	SB 64	SB 64
Upper Depth (feet)	1	6	18	28	32	1	4	8
Lower Depth (feet)	2	8	20	30	34	2	6	10
Soil/Fill Type	IMP FILL	NATIVE	NATIVE	PEAT	NATIVE	IMP FILL	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/16/93	9/16/93	9/16/93	9/16/93	9/20/93	9/20/93	9/20/93
Date Analyzed	9/30/93	9/30/93	9/30/93	10/1/93	9/30/93	10/4/93	10/4/93	10/4/93
Remarks				Diluted				
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	6 U	6 U	6 U	100 UJ	8 U	5 UJ	28 U	29 U
Acetonitrile	44 U	45 U	45 U	830 UJ	63 U	43 UJ	220 U	230 U
Propionitrile	22 U	23 U	22 U	420 UJ	32 U	22 UJ	110 U	110 U
Methyl Methacrylate	22 U	23 U	22 U	420 UJ	32 U	22 UJ	110 U	110 U
trans-1,4-Dichloro-2-butene	6 U	6 U	6 U	100 UJ	8 U	5 UJ	28 U	29 U
Dichlorodifluoromethane	11 U	11 U	11 U	210 UJ	16 U	11 UJ	56 U	57 U
Isobutyl Alcohol	110 U	110 U	110 U	2100 UJ	160 U	110 UJ	560 U	570 U
1,4-Dioxane	22 UJ	23 UJ	22 UJ	420 UJ	32 UJ	22 UJ	110 UJ	110 UJ
trans-1,2-Dichloroethene	6 U	6 U	6 U	100 UJ	8 U	5 UJ	28 U	29 U
Methylene Chloride	11 U	11 U	11 U	210 UJ	16 U	11 UJ	56 U	57 U
Bromoform	11 U	11 U	11 U	210 UJ	16 U	11 UJ	56 U	57 U
Chlorobenzene	11 U	11 U	11 U	210 UJ	16 U	11 UJ	56 U	57 U
cis-1,2-Dichloroethene	11 U	11 U	11 U	210 UJ	16 U	11 UJ	56 U	57 U
1,1,2,2-Tetrachloroethane	11 U	11 U	11 U	210 UJ	16 U	11 UJ	56 U	57 U
cis-1,3-Dichloropropene	11 U	11 U	11 U	210 UJ	16 U	11 UJ	56 U	57 U
Chloroprene	22 U	23 U	22 U	420 UJ	32 U	22 UJ	110 U	110 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 65	SB 65	SB 68	SB 68	SB 68	SB 70	SB 70	SB 71
Upper Depth (feet)	4	6.75	1	6	8	6	10	1
Lower Depth (feet)	6	7.25	2	8	10	8	12	2
Soil/Fill Type	IMP FILL/NATIVE	NATIVE	IMP FILL	PRO FILL	NATIVE	IMP FILL/NATIVE	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/7/93	10/7/93	9/10/93	9/10/93	9/10/93	9/4/93	9/4/93	9/20/93
Date Analyzed	10/20/93	10/20/93	10/9/93	9/24/93	9/24/93	9/23/93	9/23/93	10/2/93
Remarks				Diluted				
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	22 U	11 U	11 R	96 U	11 U	11 U	11 U	10 U
Bromomethane	22 U	11 U	11 R	96 U	11 U	11 U	11 U	10 U
Vinyl chloride	22 U	11 U	11 R	96 U	11 U	11 U	11 U	10 U
Chloroethane	22 U	11 U	11 R	96 U	11 U	11 U	11 U	10 U
Acetone	22 U	110 U	400 R	3500 U	400 U	11 U	110 U	10 U
Carbon disulfide	11 U	5 U	6 R	300	3 J	5 U	5 U	5 U
1,1-Dichloroethene	11 U	5 U	6 R	48 U	6 U	5 U	5 U	5 U
1,1-Dichloroethane	11 U	5 U	6 R	48 U	6 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	22 U	11 U	11 R	21 J	11 U	11 U	3 J	10 U
Chloroform	11 U	5 U	6 R	48 U	6 U	2 J	5 U	5 U
1,2-Dichloroethane	11 U	5 U	6 R	48 U	6 U	5 U	5 U	5 U
2-Butanone	22 U	11 U	11 R	96 U	11 U	11 U	11 U	10 U
1,1,1-Trichloroethane	11 U	5 U	6 R	48 U	6 U	5 U	5 U	5 U
Carbon tetrachloride	11 U	5 U	6 R	48 U	6 U	5 U	5 U	5 U
Bromodichloromethane	11 U	5 U	6 R	48 U	6 U	5 U	5 U	5 U
1,2-Dichloropropane	11 U	5 U	6 R	48 U	6 U	5 U	5 U	5 U
Trichloroethene	11 U	5 U	6 R	48 U	6 U	5 U	5 U	2 J
Dibromochloromethane	11 U	5 U	6 R	48 UJ	6 U	5 U	5 U	5 U
1,1,2-Trichloroethane	11 U	5 U	6 R	48 UJ	6 U	5 U	5 U	5 U
Benzene	11 U	5 U	2 R	90	6 U	5 U	5 U	5 U
4-Methyl-2-pentanone	22 U	11 U	11 R	96 UJ	11 U	11 U	11 U	10 U
2-Hexanone	22 U	11 U	11 R	96 UJ	11 U	11 U	11 U	10 U
Tetrachloroethene	11 U	5 U	6 R	48 UJ	6 U	5 U	5 U	5 U
Toluene	11 U	2 J	6 R	150 J	6 U	5 U	5 U	5 U
Ethylbenzene	11 U	5 U	6 R	690 J	6 U	5 U	5 U	5 U
Xylene (total)	11 U	5 U	6 R	1500 J	6 U	5 U	5 U	5 U
1,2-Dichlorobenzene	11 U	5 U	6 R	48 UJ	6 U	5 U	5 U	5 U
1,3-Dichlorobenzene	11 U	5 U	6 R	48 U	6 U	5 U	5 U	5 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 65	SB 65	SB 68	SB 68	SB 68	SB 70	SB 70	SB 71
Upper Depth (feet)	4	6.75	1	6	8	6	10	1
Lower Depth (feet)	6	7.25	2	8	10	8	12	2
Soil/Fill Type	IMP FILL/NATIVE	NATIVE	IMP FILL	PRO FILL	NATIVE	IMP FILL/NATIVE	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/7/93	10/7/93	9/10/93	9/10/93	9/10/93	9/4/93	9/4/93	9/20/93
Date Analyzed	10/20/93	10/20/93	10/9/93	9/24/93	9/24/93	9/23/93	9/23/93	10/2/93
Remarks				Diluted				
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	11 U	5 U	6 R	48 UJ	6 U	5 U	5 U	5 U
Acetonitrile	90 U	44 U	44 R	380 U	44 U	42 U	44 U	42 U
Propionitrile	45 U	22 U	22 R	190 U	22 U	21 U	22 U	21 U
Methyl Methacrylate	45 U	22 U	22 R	190 U	22 U	21 U	22 U	21 U
trans-1,4-Dichloro-2-butene	11 U	5 U	6 R	48 UJ	6 U	5 U	5 U	5 U
Dichlorodifluoromethane	22 U	11 U	11 R	96 U	11 U	11 U	11 U	10 U
Isobutyl Alcohol	220 U	110 U	110 R	960 U	110 U	110 U	110 U	100 U
1,4-Dioxane	45 U	22 U	22 R	190 UJ	22 UJ	21 UJ	22 UJ	21 R
trans-1,2-Dichloroethene	11 U	5 U	6 R	48 U	6 U	5 U	5 U	5 U
Methylene Chloride	22 U	11 U	11 R	96 U	11 U	11 U	11 U	10 U
Bromoform	22 U	11 U	11 R	96 UJ	11 U	11 U	11 U	10 U
Chlorobenzene	22 U	11 U	11 R	96 UJ	11 U	11 U	11 U	10 U
cis-1,2-Dichloroethene	22 U	11 U	11 R	20 J	11 U	11 U	3 J	10 U
1,1,2,2-Tetrachloroethane	22 U	11 U	11 R	96 UJ	11 U	11 U	11 U	10 U
cis-1,3-Dichloropropene	22 U	11 U	11 R	96 U	11 U	11 U	11 U	10 U
Chloroprene	45 U	22 U	22 R	190 U	22 U	21 U	22 U	21 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = *processed fill*
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 71	SB 71-1	SB 75	SB 76	SB 77	SB 77	SB 77	SB 77
Upper Depth (feet)	8	10	5	6	4	4	8	10
Lower Depth (feet)	10	12	8	7	5	5	10	12
Soil/Fill Type	IMP FILL	NATIVE-IMP FILL	IMP FILL	NATIVE	IMP FILL	IMP FILL	PRO FILL	PRO FILL-NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/20/93	10/7/93	10/4/93	10/4/93	9/22/93	9/22/93	9/22/93	9/22/93
Date Analyzed	10/2/93	10/20/93	10/11/93	10/14/93	10/6/93	10/6/93	10/6/93	10/6/93
Remarks						Dup		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Chloromethane	14 U	12 U	11 U	12 U	11 U	11 U	56 U	65 U
Bromomethane	14 U	12 U	11 U	12 U	11 U	11 U	56 U	65 U
Vinyl chloride	14 U	12 U	11 U	12 U	11 U	11 U	56 U	65 U
Chloroethane	14 U	12 U	11 U	12 U	11 U	11 U	56 U	65 U
Acetone	310 U	120 U	210 U	220 U	87 U	10 J	56 U	52 U
Carbon disulfide	2 J	6 U	6 U	6 U	5 U	5 U	28 U	32 U
1,1-Dichloroethene	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
1,1-Dichloroethane	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
1,2-Dichloroethene (total)	14 U	12 U	11 U	12 U	11 U	11 U	56 U	65 U
Chloroform	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
1,2-Dichloroethane	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
2-Butanone	14 U	12 U	11 U	12 U	11 U	11 U	56 U	65 U
1,1,1-Trichloroethane	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
Carbon tetrachloride	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
Bromodichloromethane	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
1,2-Dichloropropane	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
Trichloroethene	10	6 U	6 U	6 U	2 J	1 J	28 U	32 U
Dibromochloromethane	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
1,1,2-Trichloroethane	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
Benzene	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
4-Methyl-2-pentanone	14 U	12 U	11 U	12 U	11 U	11 U	56 U	65 U
2-Hexanone	14 U	12 U	11 U	12 U	11 U	11 U	56 U	65 U
Tetrachloroethene	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
Toluene	3 J	6 U	6 U	6 U	5 U	5 U	28 U	32 U
Ethylbenzene	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
Xylene (total)	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
1,2-Dichlorobenzene	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
1,3-Dichlorobenzene	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U

Sample ID	SB 71	SB 71-1	SB 75	SB 75	SB 77	SB 77	SB 77	SB 77
Upper Depth (feet)	8	10	5	6	4	4	8	10
Lower Depth (feet)	10	12	6	7	5	5	10	12
Soil/Fill Type	IMP FILL	NATIVE-IMP FILL	IMP FILL	NATIVE	IMP FILL	IMP FILL	PRO FILL	PRO FILL-NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/20/93	10/7/93	10/4/93	10/4/93	9/22/93	9/22/93	9/22/93	9/22/93
Date Analyzed	10/2/93	10/20/93	10/11/93	10/14/93	10/6/93	10/6/93	10/6/93	10/6/93
Remarks						Dup		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
1,4-Dichlorobenzene	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
Acetonitrile	56 U	50 U	45 U	47 U	43 U	44 U	220 U	260 U
Propionitrile	28 U	25 U	22 U	24 U	22 U	22 U	110 U	130 U
Methyl Methacrylate	28 U	25 U	22 U	24 U	22 U	22 U	110 U	130 U
trans-1,4-Dichloro-2-butene	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
Dichlorodifluoromethane	14 U	12 U	11 U	12 U	11 U	11 U	56 U	65 U
Isobutyl Alcohol	140 U	120 U	110 U	120 U	110 U	110 U	560 U	650 U
1,4-Dioxane	140 J	25 U	22 UJ	24 UJ	22 U	22 UJ	110 UJ	130 U
trans-1,2-Dichloroethene	7 U	6 U	6 U	6 U	5 U	5 U	28 U	32 U
Methylene Chloride	14 U	12 U	11 U	12 U	11 U	11 U	56 U	65 U
Bromoform	14 U	12 U	11 U	12 U	11 U	11 U	56 U	65 U
Chlorobenzene	14 U	12 U	11 U	12 U	11 U	11 U	56 U	65 U
cis-1,2-Dichloroethene	14 U	12 U	11 U	12 U	11 U	11 U	56 U	65 U
1,1,2,2-Tetrachloroethane	14 U	12 U	11 U	12 U	11 U	11 U	56 U	65 U
cis-1,3-Dichloropropene	14 U	12 U	11 U	12 U	11 U	11 U	56 U	65 U
Chloroprene	28 U	25 U	22 U	24 U	22 U	22 U	110 U	130 U

Notes:
Dup = duplicate
IMP FILL = Imported fill
PRO FILL = processed fill
PEAT = native peat soil
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Chemical synonyms reported as received from lab.

Sample ID	SB 77							
Upper Depth (feet)	14							
Lower Depth (feet)	16							
Soil/Fill Type	NATIVE-PEAT							
Units	UG/KG							
Date Sampled	9/22/93							
Date Analyzed	10/6/93							
Remarks	Reanalysis							
Laboratory	AQUATEC INC							
Chloromethane	43 U							
Bromomethane	43 U							
Vinyl chloride	43 U							
Chloroethane	43 U							
Acetone	1000 J							
Carbon disulfide	22 U							
1,1-Dichloroethene	22 U							
1,1-Dichloroethane	22 U							
1,2-Dichloroethene (total)	27 J							
Chloroform	22 U							
1,2-Dichloroethane	22 U							
2-Butanone	190							
1,1,1-Trichloroethane	22 U							
Carbon tetrachloride	22 U							
Bromodichloromethane	22 U							
1,2-Dichloropropane	22 U							
Trichloroethene	22 U							
Dibromochloromethane	22 UJ							
1,1,2-Trichloroethane	22 UJ							
Benzene	22 U							
4-Methyl-2-pentanone	43 UJ							
2-Hexanone	43 UJ							
Tetrachloroethene	22 UJ							
Toluene	22 UJ							
Ethylbenzene	22 UJ							
Xylene (total)	22 UJ							
1,2-Dichlorobenzene	22 UJ							
1,3-Dichlorobenzene	22 U							

Sample ID	SB 77							
Upper Depth (feet)	14							
Lower Depth (feet)	16							
Soil/Fill Type	NATIVE-PEAT							
Units	UG/KG							
Date Sampled	9/22/93							
Date Analyzed	10/6/93							
Remarks	Reanalysis							
Laboratory	AQUATEC INC							
1,4-Dichlorobenzene	22 UJ							
Acetonitrile	170 U							
Propionitrile	87 U							
Methyl Methacrylate	87 U							
trans-1,4-Dichloro-2-butene	22 UJ							
Dichlorodifluoromethane	43 U							
Isobutyl Alcohol	430 U							
1,4-Dioxane	87 UJ							
trans-1,2-Dichloroethene	22 U							
Methylene Chloride	43 U							
Bromoform	43 UJ							
Chlorobenzene	43 UJ							
cis-1,2-Dichloroethene	27 J							
1,1,2,2-Tetrachloroethane	43 UJ							
cis-1,3-Dichloropropene	43 U							
Chloroprene	87 U							

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PEAT = native peat soil
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Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	MW B4	MW B4	MW G4	MW G4	MW G4	MW G4	MW G4	MW H4
Upper Depth (feet)	4	30	2	10	62	62	84	0
Lower Depth (feet)	8	38	10	16	72	72	90	6.25
Soil/Fill Type	PRO FILL	NATIVE	NATIVE-IMP FILL	PEAT	NATIVE	NATIVE	NATIVE	PRO FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	8/12/93	8/12/93	8/30/93	8/30/93	8/31/93	8/31/93	9/1/93	7/2/93
Date Analyzed								
Remarks						Dup		
Laboratory	ELI	ELI	ELI	ELI	ELI	ELI	ELI	ELI
Antimony	5.9 UJ	7.2 UJ	0.6 UJ	2.7 UJ	0.6 UJ	0.6 UJ	0.61 UJ	R
Arsenic	16.8 J	16.5 J	2.4 UJ	11 UJ	2.5 J	3.4 J	4.6 J	18.6 J
Barium	65.5	42	21.5	86.3	19.9	22.5	13.9	1600
Beryllium	0.59 U	0.72 U	0.6 U	2.7 U	0.6 U	0.6 U	0.61 U	5.8 U
Cadmium	0.59 U	0.72 U	0.6 U	2.7 U	0.6 U	0.6 U	0.61 U	7
Chromium	15	15.2	8.5	8.8	8.9	8.9	6.2	329
Cobalt	8.3	8.9	6 U	27.5 U	6 U	6 U	6.1 U	58.5 U
Copper	79.1	48.1	34.4	68.2	9.4	9.6	7.5	3780 J
Lead	10.1	5	23.2	10.9	2.5	2.5	2.4	5820 J
Mercury	0.3 U	0.36 U	0.3 U	1.4 U	0.3 U	0.3 U	0.31 U	0.29 UJ
Nickel	12.7	15.1	8.5	22 U	9.2	9.5	7.2	389
Selenium	5.9 UJ	7.2 UJ	0.6 UJ	27.5 UJ	6 UJ	6 UJ	0.61 UJ	24.8 UJ
Silver	R	R	R	R	R	R	R	R
Thallium	0.59 UJ	0.72 UJ	0.6 UJ	27.5 UJ	6 UJ	6 UJ	0.61 UJ	0.58 UJ
Tin	R	R	R	R	R	R	R	R
Vanadium	25.6	29.1	6 U	27.5 U	11.4	11.6	8.7	58.5 UJ
Zinc	44.9	37.6	30.7	28.6	19.9	21	17.1	3580

Notes:
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Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	MW H4	MW H4	MW H4	MW I4	MW I4	MW I4	MW J4	MW J4
Upper Depth (feet)	8	35	44.5	0	22	44	2	18
Lower Depth (feet)	12	39	49	6	28	48	8	22
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	PRO FILL	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	7/2/93	7/2/93	7/2/93	8/25/93	8/25/93	8/26/93	8/11/93	8/11/93
Date Analyzed								
Remarks								
Laboratory	ELI	ELI	ELI	ELI	ELI	ELI	ELI	ELI
Antimony	R	R	R	0.57 UJ	6.4 UJ	0.57 UJ	0.74	0.58 U
Arsenic	5.3 J	14.4 J	12.9 J	6.1 J	25.4 UJ	2.3 J	15.7 J	16.7 J
Barium	3880	35.7	39.8	54.8	29.5	18.3	5020	128
Beryllium	7.9 U	0.63 J	0.61 J	0.57 U	0.64 U	0.57 U	34.5 U	0.58 U
Cadmium	7.9 U	0.63 U	0.61 U	0.57 U	0.64 U	0.57 U	34.5 U	0.58 U
Chromium	151	15.1	12.8	14.4	10.9	6.9	207	11.3
Cobalt	79.4 U	8.6 J	6.3 J	5.7	8.4	5.7 U	345 U	5.8 U
Copper	12200 J	25.3 J	39 J	116	24.9	15.1	28000	81.4
Lead	13900 J	8.2 J	22.3 J	197	3.2	2.4	26000	73.1
Mercury	0.4 UJ	0.32 UJ	0.3 UJ	0.29 U	0.32 U	0.28 U	0.34 U	0.29 U
Nickel	287	12.3	8.8 J	20.9	13.5	8.3	428	9.3
Selenium	11.6 UJ	2.8 UJ	2.8 UJ	5.7 UJ	6.4 UJ	5.7 UJ	6.9 UJ	5.8 UJ
Silver	R	R	R	R	R	R	R	R
Thallium	0.79 UJ	0.63 UJ	0.61 UJ	5.7 UJ	6.4 UJ	0.57 UJ	6.9 UJ	0.58 UJ
Tin	R	R	R	R	R	R	R	R
Vanadium	79.4 UJ	23.9 J	21.7 J	21.9	20.4	11.4	345 U	16.6
Zinc	1910	50.8	37.7	73.9	28.1	22.4	4880	32.4

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RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	MW J4	MW J4	MW K4	MW K4	MW K4-1	MW K4-1	MW K4-1	MW K4-1
Upper Depth (feet)	36	68	6	36	2	2	6	6
Lower Depth (feet)	40	74	12	42	4	4	12	12
Soil/Fill Type	NATIVE	NATIVE	PRO FILL	NATIVE	PRO FILL	PRO FILL	PRO FILL	PRO FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	8/11/93	8/11/93	6/30/93	6/30/93	7/12/93	7/12/93	7/12/93	7/12/93
Date Analyzed								
Remarks						Dup		Dup
Laboratory	ELI	ELI	ELI	ELI	ELI	ELI	ELI	ELI
Antimony	6.6 U	7 U	R	R	R	R	R	R
Arsenic	11.7 J	12.8 J	21.6 J	14.1 J	14.9 J	16.9 J	15.5 J	20 J
Barium	51.1	40.9	3540	29.1	5650	6100	386	291
Beryllium	0.66 U	0.7 U	7 U	0.62 J	15.2 U	80.3 U	0.58 J	0.57 U
Cadmium	0.66 U	0.7 U	7 U	0.62 U	15.2 U	80.3 U	0.58 U	0.57 U
Chromium	21.88	16.2	58.7	25.6	228	273	16.7	12.2
Cobalt	8.2	7.8	69.8 U	8.5 J	152 U	803 U	6.1 J	5.9 J
Copper	66.4	48.9	2930 J	751 J	23900 J	89300 J	257 J	125 J
Lead	6.4	11.8	5860 J	487 J	23500 J	50000 J	284 J	159 J
Mercury	0.33 U	0.35 U	0.35 UJ	0.31 UJ	0.39 J	0.4 UJ	0.29 UJ	0.29 UJ
Nickel	19.2	14.1	134	19	498	706	15.2	12.9
Selenium	6.6 UJ	7 UJ	8.9 UJ	5.1 UJ	13.8 UJ	14.1 UJ	4.7 UJ	6.8 UJ
Silver	R	R	R	R	R	R	R	R
Thallium	6.6 UJ	0.7 UJ	0.7 UJ	0.62 UJ	0.76 UJ	0.8 UJ	5.8 UJ	5.7 UJ
Tin	R	R	R	R	R	R	R	R
Vanadium	30.9	28.4	69.8 UJ	22.8 J	152 UJ	803 UJ	21.7 J	16.9 J
Zinc	41.4	36.8	598	120	1610	2130	61.2	42.4

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UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	MW L4	MW L4	MW L4	MW L4	MW M4	MW M4	MW M4	MW M4
Upper Depth (feet)	2	22	36	36	0	4	8	34
Lower Depth (feet)	8	30	46	46	4	8	14	42
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	NATIVE	IMP FILL/PRO FILL	PRO FILL-PEAT	PEAT	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	7/29/93	7/29/93	7/29/93	7/29/93	8/2/93	8/5/93	8/5/93	8/5/93
Date Analyzed								
Remarks				Dup				
Laboratory	ELI	ELI	ELI	ELI	ELI	ELI	ELI	ELI
Antimony	2.6 J	0.56 UJ	6.6 UJ	5.6 UJ	0.55 UJ	0.75 UJ	1.9 UJ	5.8 UJ
Arsenic	11.9 J	10 J	12.4 J	16.1 J	7.2 J	14.7 J	7.8 UJ	11.5 J
Barium	922	39.7	38.9	62.1	1240	2320	799	35.7
Beryllium	13 U	0.56 U	0.56 U	0.56 U	27.7 U	15.1 U	1.9 U	0.58 U
Cadmium	13 U	0.56 U	0.56 U	0.56 U	27.7 U	15.1 U	1.9 U	0.58 U
Chromium	233	13.8	20.7	26	55.5 U	109	10.9	15.9
Cobalt	130	6.5	8.4	10	277 U	151 U	19.5 U	23.5
Copper	1580	17	14.1	16.8	24900	8520	1780	16.3
Lead	52700	32.9	6.4	8.5	7060	10900	1190	4.7
Mercury	0.32 U	0.28 U	0.28 U	0.28 U	0.28 U	0.38 U	0.97 U	0.29 U
Nickel	883	9.6	13.2	16.6	222 U	232	23.7	15.4
Selenium	6.5 UJ	5.6 UJ	5.6 UJ	5.6 UJ	5.5 UJ	7.5 UJ	1.9 UJ	5.8 UJ
Silver	25.9 J	R	R	R	R	R	R	1.2 J
Thallium	6.5 UJ	5.6 UJ	5.6 UJ	5.6 UJ	5.5 UJ	7.5 UJ	1.9 UJ	5.8 UJ
Tin	R	R	R	R	R	R	R	R
Vanadium	130 UJ	20.8 J	24.8 J	30.5 J	277 UJ	151 UJ	19.5 UJ	19.6 J
Zinc	1900 J	33 J	44.9 J	73.5 J	311 J	2170 J	268 J	42.7 J

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Blanks = not reported

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J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	MW N4	MW N4	MW N4	MW O4	MW O4	MW O4	MW O4	MW O4
Upper Depth (feet)	0	10	22	2	2	8	8.5	18
Lower Depth (feet)	4	16	28	4	8	8.5	10	26
Soil/Fill Type	IMP FILL	NATIVE	NATIVE	IMP FILL	IMP FILL	NATIVE	NATIVE	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	8/6/93	8/6/93	8/6/93	8/16/93	8/16/93	8/16/93	8/16/93	8/18/93
Date Analyzed								
Remarks								
Laboratory	ELI	ELI	ELI	AQUATEC INC	ELI	AQUATEC INC	AQUATEC INC	ELI
Antimony	5.4 UJ	0.55 UJ	0.6 UJ	4 UJ	5.1 UJ	4.8 UJ	3.4 UJ	5.5 UJ
Arsenic	11 J	10.1 J	5.3 J	11.1 J	18.2 J	9.3 J	2.8 UJ	11.5 J
Barium	90.7	31.5	16.1	2990 J	60.5	8040 J	73.7 J	38.7
Beryllium	0.54 U	0.55 U	0.6 U	0.38	0.51 U	0.22	0.19	0.55 U
Cadmium	0.54 U	0.55 U	0.6 U	0.61 J	0.51 U	3.1 J	0.3 J	0.55 U
Chromium	19.3	12.5	5.1	45.1	16.1	166	10	15.1
Cobalt	7.1	6.7	6 U	15.7	7.5	34	4.5	7.2
Copper	85.7	38.7 U	42.3 U	4010 J	120 U	24200 J	836 J	129 U
Lead	218	8.8	1.8	3840 J	27.3	23500 J	244 J	3.6
Mercury	0.27 U	0.28 U	0.3 U		0.25 U			0.27 U
Nickel	15	13.3	6	83	16.5	508	26.8	13.6
Selenium	5.4 UJ	5.5 UJ	6 UJ	0.08 UJ	5.1 UJ	1.3 J	0.06 UJ	5.5 UJ
Silver	R	R	R	0.5 UJ	R	1.6 J	0.43 UJ	R
Thallium	5.4 UJ	5.5 UJ	6 UJ	0.17 J	0.51 UJ	0.12 UJ	0.07 J	0.55 UJ
Tin	R	R	R	40.4 J	R	88.4 J	7.1 J	R
Vanadium	27 J	18.3 J	8.5 J	30.5	26.1	42	13.7	24.6
Zinc	153 J	42 U	45.9 U	746	47.9	2530	448	36.5

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	MW O4	MW V4	MW W4	MW W4				
Upper Depth (feet)	34	4	2	8.5				
Lower Depth (feet)	40	8	8	14				
Soil/Fill Type	NATIVE	IMP FILL	PRO FILL	NATIVE				
Units	MG/KG	MG/KG	MG/KG	MG/KG				
Date Sampled	6/18/93	6/17/93	7/19/93	7/19/93				
Date Analyzed								
Remarks								
Laboratory	ELI	ELI	ELI	ELI				
Antimony	5.9 UJ	5.6 U	3.7 J	0.6 UJ				
Arsenic	13.6 J	20.5 J	6.6 UJ	3.3 J				
Barium	40.6	268	2080	131				
Beryllium	0.59 U	0.56 U	16.6 U	0.6 U				
Cadmium	0.59 U	0.56 U	16.6 U	0.6 U				
Chromium	19.5	20	243	3				
Cobalt	7.8	6.5	166 U	6 U				
Copper	139 U	463	16900	22.7				
Lead	4.5	211	34500	23.6				
Mercury	0.29 U	0.28 U	0.42 U	0.3 U				
Nickel	17	16.9	698	4.8 U				
Selenium	5.9 UJ	5.6 UJ	28.4 R	6 UJ				
Silver	R	R	R	R				
Thallium	0.59 UJ	5.6 UJ	8.3 UJ	6 UJ				
Tin	R	R	R	R				
Vanadium	26.1	32.6	166 UJ	6.2 J				
Zinc	37.9	304	8700 J	19.2 J				

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RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	SB 1	SB 1	SB 1	SB 4	SB 4	SB 4	SB 6	SB 6
Upper Depth (feet)	2	8	8	2	8	8.5	4	14
Lower Depth (feet)	6	14	14	4	8.5	10	10	16
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	PRO FILL	NATIVE	PRO FILL	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	8/16/93	8/16/93	8/16/93	9/13/93	9/13/93	9/13/93	9/8/93	9/8/93
Date Analyzed								
Remarks			Dup					
Laboratory	ELI	ELI	ELI	ELI	ELI	ELI	ELI	ELI
Antimony	1.2 UJ	0.64 UJ	0.63 U				2.8 J	7.1 UJ
Arsenic	7.9 J	7.7 J	10.8 J				17.5 UJ	14.1 UJ
Barium	9790	294	336				5470 J	88.9 J
Beryllium	12.3 U	0.64 U	0.63 U				8.8 U	0.71
Cadmium	12.3 U	0.64 U	0.63 U				8.8 U	0.71
Chromium	282	9.9	12.2				151	25.2
Cobalt	123 U	6.4 U	6.3				87.7 U	15
Copper	7220	83.6	90.2				7530 J	32.2 UJ
Lead	10800	113	134				16200	8.6
Mercury	0.61 U	0.32 U	0.32 U	0.27 U	15.1 J	1.4 J	0.44 U	0.35 U
Nickel	439	8.6	9.8				360	22.3
Selenium	12.3 UJ	6.4 UJ	6.3 UJ				8.8 UJ	7.1 UJ
Silver	R	R	R				R	R
Thallium	12.3 UJ	0.64 UJ	0.63 UJ				8.8 UJ	7.1 UJ
Tin	R	R	R				R	R
Vanadium	123 U	14.1	17.4				87.7 U	43.2
Zinc	1300	30.6	37.1				2080 J	68.5 J

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
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Blanks = not reported

Chemical synonyms reported as received from lab.

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Sample ID	SB 7	SB 7	SB 7	SB 7	SB 7	SB 7	SB 8	SB 8
Upper Depth (feet)	1	1	8	8	12	12	4	12
Lower Depth (feet)	4	4	12	12	16	16	10	18
Soil/Fill Type	IMP FILL-PRO FILL	IMP FILL-PRO FILL	PRO FILL	PRO FILL	NATIVE	NATIVE	PRO FILL	PEAT-NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/10/93	9/10/93	9/10/93	9/10/93	9/10/93	9/10/93	8/16/93	8/16/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	ELI	ELI
Antimony	2.9 UJ		8.8 J		3 UJ		0.83 UJ	0.67 UJ
Arsenic	8.3 J		8.4 J		4.9 J		13.5 J	5.4 J
Barium	562		6150		454		4200	211
Beryllium	0.34		0.31		0.23		41.4 U	0.67 U
Cadmium	0.18 UJ		3.1 J		0.19 UJ		41.4 U	0.67 U
Chromium	18.1		116		13.1		315	7.6
Cobalt	6.7		24.2		5		414 U	6.7 U
Copper	770 J		7680 J		209 J		19900	46.1
Lead	1770 J		16700 J		353 J		10300	12.2
Mercury		0.28 U		0.4 U		0.28 U	0.41 U	0.33 U
Nickel	27.1		298		16.4		579	7.2
Selenium	0.08 UJ		0.81 UJ		0.06 UJ		8.3 UJ	1.3 UJ
Silver	0.37 U		0.88		0.38 U		R	R
Thallium	0.08 UJ		0.18 UJ		0.07 UJ		0.83 UJ	0.67 UJ
Tin	11.6 J		91.4 J		9.3 J		R	R
Vanadium	20.2		24.1		17.1		414 U	11.7
Zinc	199 J		3780 J		124 J		3530	17.7

Notes:
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PRO FILL = processed fill
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Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 9-1	SB 9-1	SB 9-1	SB 9-1	SB 9-1	SB 9-1	SB 10	SB 10
Upper Depth (feet)	0	0	0	0	4	4	2	2
Lower Depth (feet)	2	2	2	2	6	6	6	6
Soil/Fill Type	IMP FILL-NATIVE	IMP FILL-NATIVE	IMP FILL-NATIVE	IMP FILL-NATIVE	NATIVE	NATIVE	PRO FILL	PRO FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/14/93	9/14/93	9/14/93	9/14/93	9/14/93	9/14/93	9/20/93	9/20/93
Date Analyzed								
Remarks			Dup	Dup of SB 9-1 0-2				
Laboratory	AQUATEC INC	ELI	ELI	AQUATEC INC	AQUATEC INC	ELI	AQUATEC INC	ELI
Antimony	5 J			7.5 J	4.1 UJ		7.7 U	
Arsenic	11.1 J			9.2 J	4.5 J		6.2	
Barium	3880 J			736 J	21		528	
Beryllium	0.3			0.31	0.23		0.06	
Cadmium	1.9 J			1.6 J	0.26 UJ		0.48 U	
Chromium	33.6			37.9	10.2		14	
Cobalt	11.6			9.8	3.5		4.7	
Copper	18300 J			3440 J	32.7 J		113	
Lead	5840 J			2200 J	4.4 J		374	
Mercury		0.3 U	0.3 U			0.27 U		1.9 J
Nickel	57.2			50.9	9.7		14.9	
Selenium	0.1 UJ			0.25 J	0.07 UJ		0.14 UJ	
Silver	1.3 J			0.64 UJ	0.52 U		0.97 U	
Thallium	0.11 UJ			0.12 UJ	0.07 U		0.16 U	
Tin	42.7 J			86.6 J	7.8 UJ		45.9	
Vanadium	33.4			45.3	14.5		40	
Zinc	642			936	39.1 J		138	

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 10	SB 10	SB 10	SB 10	SB 12	SB 12	SB 13	SB 13
Upper Depth (feet)	10	10	16	16	6	10	2	2
Lower Depth (feet)	14	14	20	20	10	16	6	6
Soil/Fill Type	NATIVE	NATIVE	NATIVE	NATIVE	PRO FILL	NATIVE-PRO FILL	PRO FILL	PRO FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/20/93	9/20/93	9/20/93	9/20/93	9/8/93	9/8/93	9/20/93	9/20/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	ELI	ELI	AQUATEC INC	ELI
Antimony	3.3 U		5.2 U		1 UJ	6.7 UJ	7.3 U	
Arsenic	0.88		2.7		4.1 UJ	6.4 J	7	
Barium	32.1		40.3		7800 J	666 J	12600	
Beryllium	0.02 U		0.03 U		10.2 U	0.67	0.21	
Cadmium	0.2 U		0.32 U		10.2 U	0.67 U	1.7	
Chromium	0.82		1		253	25.5	150	
Cobalt	0.73		0.96		102 U	13.2	37.4	
Copper	10.2		4.6		13200 J	53.9 J	19300	
Lead	34		107		8760	28.9	31700	
Mercury		0.29 U		0.3 U	0.51 U	0.34 J		0.37 U
Nickel	99.7		0.4 U		440	23.4 U	435	
Selenium	0.15		0.09 U		10.2 UJ	6.7 J	1.9	
Silver	0.41 U		0.66 U		R	R	1.1	
Thallium	0.12 U		0.1 U		10.2 UJ	6.7 UJ	0.17 UJ	
Tin	6.2 U		9.8 U		R	R	102	
Vanadium	1.9		5		102 U	40.8 U	14.7	
Zinc	145		0.3 U		1870 J	64.2 J	4600	

Notes:
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RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	SB 13	SB 13	SB 14	SB 14	SB 14	SB 14	SB 15	SB 15
Upper Depth (feet)	8	8	1	1	2	2	2	2
Lower Depth (feet)	12	12	2	2	6	6	4	4
Soil/Fill Type	NATIVE	NATIVE	PRO FILL-NATIVE	PRO FILL-NATIVE	NATIVE	NATIVE	IMP FILL	IMP FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/20/93	9/20/93	9/15/93	9/15/93	9/15/93	9/15/93	9/13/93	9/13/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI
Antimony	4.5 U		3.5 UJ		3.5 UJ		3 UJ	
Arsenic	3.1		9.3 J		4.1 J		2.3 UJ	
Barium	127		1480		29.1		34 J	
Beryllium	0.22		0.29		0.27		0.02 J	
Cadmium	0.28 U		2		1.8		0.18 UJ	
Chromium	11.3		29		14.7		1	
Cobalt	5.7		10.2		4.7		4.9	
Copper	105		1960		73.9		50.8 J	
Lead	119		1910		13.7		39.9 J	
Mercury		0.28 U		0.27 U		0.28 U		0.25 U
Nickel	18.9		64.8		19.2		3.5	
Selenium	0.07 UJ		0.1 UJ		0.07 UJ		0.11 UJ	
Silver	0.58 U		0.44 U		0.45 U		0.43 J	
Thallium	0.08		0.11 UJ		0.08 U		0.12 UJ	
Tin	8.6 U		27.6		6.7 U		5.6 UJ	
Vanadium	16.2		19.8		16.9		22.4	
Zinc	280		455		53.2		61	

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RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	SB 15	SB 15	SB 16	SB 16	SB 16	SB 19	SB 19	SB 20
Upper Depth (feet)	4	4	2	2	10	6	10	6
Lower Depth (feet)	8	8	8	8	16	10	14	8
Soil/Fill Type	NATIVE-IMP FILL	NATIVE-IMP FILL	IMP FILL-PRO FILL	IMP FILL-PRO FILL	NATIVE	PRO FILL-NATIVE	NATIVE	PRO FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/13/93	9/13/93	9/9/93	9/9/93	9/9/93	8/16/93	8/16/93	9/10/93
Date Analyzed								
Remarks				Dup				
Laboratory	AQUATEC INC	ELI	ELI	ELI	ELI	ELI	ELI	AQUATEC INC
Antimony	5.2 UJ		7.5 UJ	6.7 UJ	6.2 UJ	0.84 UJ	0.63 UJ	9.4 J
Arsenic	3.6 UJ		11 J	21.3 J	2.5 UJ	15.8 J	5.7 J	5.9 J
Barium	48.3 J		2870 J	2280 J	58.7 J	2700	407	8000
Beryllium	0.24		7.5 U	6.7 U	0.62 U	8.4 U	0.63 U	0.21
Cadmium	0.33 UJ		7.5 U	6.7 U	0.62 U	8.4 U	0.63 U	2.4 J
Chromium	13.1		73.7	68.4	9.1	99.5	7.5	295
Cobalt	6		75.2 U	67 U	6.2 U	84.3 U	6.3 U	50.8
Copper	27.4 J		2310 J	2210 J	12.8 J	4050	41.2	56900 J
Lead	23.8 J		4410	3610	5.5	2450	17.4	47100 J
Mercury		0.3 U	0.38 U	0.34 U	0.31 U	0.42 U	0.32 U	
Nickel	16.2		153	102	9.2	165	7.9	729
Selenium	0.1 UJ		7.5 UJ	6.7 UJ	6.2 UJ	8.4 UJ	6.3 UJ	7.9 J
Silver	0.67 UJ		R	R	R	R	R	3.3
Thallium	0.11 U		7.5 UJ	6.7 UJ	6.2 UJ	8.4 UJ	0.63 UJ	0.24 UJ
Tin	9.9 UJ		R	R	R	R	R	63.2 J
Vanadium	22		75.2 U	67 U	11.8	84.3 U	12.9	14.1
Zinc	177		386 J	381 J	23.6 J	912	23.6	1840 J

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Blanks = not reported
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Sample ID	SB 20	SB 20	SB 20	SB 21	SB 21	SB 23	SB 23	SB 23
Upper Depth (feet)	6	12	12	2	8	3	3	7
Lower Depth (feet)	8	14	14	8	12	5	5	11
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	PRO FILL	NATIVE-PRO FILL	IMP FILL	IMP FILL	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/10/93	9/10/93	9/10/93	9/8/93	9/8/93	10/5/93	10/5/93	10/5/93
Date Analyzed								
Remarks								
Laboratory	ELI	AQUATEC INC	ELI	ELI	ELI	AQUATEC INC	ELI	AQUATEC INC
Antimony		4.5 UJ		2.2 J	6.3 UJ	4.2 UJ		4.1 UJ
Arsenic		1.9 J		51.2 UJ	2.5 UJ	8.9 J		6.7 J
Barium		286		4170 J	164 J	407		58.2
Beryllium		0.17		12.8 U	0.63 U	0.59		0.4
Cadmium		0.28 UJ		12.8 U	0.63 U	0.26 UJ		0.48
Chromium		6.9		294	14.5	28.4 J		16 J
Cobalt		4.4		128 U	7.1	9.7		9.4
Copper		58.8 J		8510 J	28.7 J	65.5 J		23.2 J
Lead		50.3 J		33000	10.3	900		16.8
Mercury	0.56 U		0.3 U	0.64 U	0.32 U		0.29 U	
Nickel		7.2		880	15	87.9 J		26.5 J
Selenium		0.07 UJ		12.8 UJ	6.3 UJ	0.4 J		0.13 UJ
Silver		0.79		R	R	0.54 U		0.52 U
Thallium		0.08 U		12.8 UJ	6.3 UJ	0.12 UJ		0.14 U
Tin		8.5 UJ		R	R	8.5		10
Vanadium		12.9		128 U	19.4	23.2 J		30.6 J
Zinc		24 J		1330 J	32.6 J	99.2 J		46.6 J

Notes:
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PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	SB 23	SB 24	SB 24	SB 26	SB 26	SB 26	SB 26	SB 26-1
Upper Depth (feet)	7	2	8	4	4	8	8	0.5
Lower Depth (feet)	11	6	12	8	8	12	12	2
Soil/Fill Type	NATIVE	IMP FILL-PRO FILL	NATIVE	PRO FILL	PRO FILL	NATIVE	NATIVE	IMP FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	10/6/93	9/8/93	9/8/93	9/24/93	9/24/93	9/23/93	9/23/93	9/24/93
Date Analyzed								
Remarks				EPA/CDM	EPA/CDM	EPA/CDM	EPA/CDM	EPA/CDM
Laboratory	ELI	ELI	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC
Antimony		5.7 UJ	0.57 UJ	9.6		7.5		4.2 U
Arsenic		5.6 J	2.3 UJ	9		16.1		3.8
Barium		302 J	125 J	5660		7940		65.5
Beryllium		0.57 U	0.57 U	0.21		0.22		0.24
Cadmium		0.57 U	0.57 U	3.3		6.9		0.26 U
Chromium		23.4	9.6	82.7		82.4		11.6
Cobalt		11.3	5.7 U	24.4		24.2		6.4
Copper		440 J	14.1 J	2480		3220		49
Lead		122	5.7	16500		17300		57.2
Mercury	0.3 U	0.29 U	0.29 U		4.7 J		0.33 U	
Nickel		20.9	8.2	324		355		11.6 J
Selenium		5.7 UJ	5.7 UJ	0.17 J		0.12 UJ		0.09 U
Silver		R	R	0.68 U		0.82 U		0.53 U
Thallium		5.7 UJ	5.7 UJ	0.15 UJ		0.13 UJ		0.1 U
Tin		R	R	43.9		42.1		9
Vanadium		24.4	13.7	17.3		17.9		24.9
Zinc		65.4 J	27 J	4090		3810		33.8

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 26-1	SB 26-1	SB 26-1	SB 29	SB 29	SB 29	SB 29	SB 29
Upper Depth (feet)	0.5	2	2	3	3	3	7	7
Lower Depth (feet)	2	4	4	5	5	5	9	9
Soil/Fill Type	IMP FILL	PRO FILL	PRO FILL	IMP FILL	IMP FILL	IMP FILL	NATIVE	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/24/93	9/24/93	9/24/93	10/7/93	10/7/93	10/7/93	10/7/93	10/7/93
Date Analyzed								
Remarks	EPA/CDM	EPA/CDM	EPA/CDM			Dup		
Laboratory	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	ELI	AQUATEC INC	ELI
Antimony		6		3.3 UJ			5.6 UJ	
Arsenic		5.7		7.7 J			6.5 J	
Barium		3570		31.2			29.7	
Beryllium		0.29		0.24			0.24	
Cadmium		2		0.21 U			0.35 U	
Chromium		29.4		8 J			10.7 J	
Cobalt		13.9		3.8			5.4	
Copper		9280		22.6 J			18.8 J	
Lead		5400		206			28.7	
Mercury	0.31 U		0.91 J		0.3 U	0.28 U		0.32 U
Nickel		85		8 J			9.8 J	
Selenium		0.08 UJ		0.23 J			0.14 UJ	
Silver		0.75 U		0.42 U			0.71 U	
Thallium		0.09 UJ		0.09 U			0.15 U	
Tin		59.7		9.6			10.6 U	
Vanadium		19.2		13.4 J			19.3 J	
Zinc		4260		81.7 J			31 J	

Notes:
Dup = duplicate
IMP FILL = Imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	SB 30	SB 30	SB 30	SB 30	SB 30	SB 30	SB 33	SB 33
Upper Depth (feet)	0.583	5	5	7	7	7	1	1
Lower Depth (feet)	3	7	7	9	9	9	4	4
Soil/Fill Type	IMP FILL	PRO FILL	PRO FILL	NATIVE	NATIVE	NATIVE	IMP FILL	IMP FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	10/5/93	10/5/93	10/5/93	10/5/93	10/5/93	10/5/93	9/17/93	9/17/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	ELI	AQUATEC INC	ELI	ELI	AQUATEC INC	ELI
Antimony	3.9 UJ	14.1 J		4.9 UJ			3.8 UJ	
Arsenic	6.3 J	11.7 J		6.2 J			5.7 J	
Barium	3030	8440		28.9			75.8	
Beryllium	0.36	0.12		0.26			0.36	
Cadmium	0.25	2.2		0.31 U			1.5	
Chromium	35.2 J	168 J		10.5 J			17.4	
Cobalt	12.9	37.3		6.1			7.7	
Copper	2380 J	3360 J		15.8 J			4100	
Lead	5060	43800		5.6			740	
Mercury			0.42 U		0.28 U	0.33 U		0.26 U
Nickel	85.9 J	611 J		9.9 J			37.6	
Selenium	0.14 J	1.2 J		0.1 UJ			0.06 UJ	
Silver	0.49 U	0.89		0.62 U			0.48 U	
Thallium	0.1 UJ	0.15 U		0.11 U			0.06 UJ	
Tin	62.2	38.3		9.3 U			10.9	
Vanadium	20.7 J	35 J		19.5 J			34.9	
Zinc	366 J	5180 J		20.9 J			118	

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	SB 33	SB 33	SB 38	SB 38	SB 38	SB 38	SB 40	SB 40
Upper Depth (feet)	8	8	3	3	7.5	7.5	6	6
Lower Depth (feet)	12	12	7.5	7.5	10	10	10	10
Soil/Fill Type	NATIVE	NATIVE	IMP FILL	IMP FILL	NATIVE	NATIVE	NATIVE-IMP FILL	NATIVE-IMP FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/17/93	9/17/93	10/4/93	10/4/93	10/4/93	10/4/93	9/16/93	9/16/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI
Antimony	3.8 UJ		11.4 J		5.3 UJ		3.7 UJ	
Arsenic	3.7 J		8.3 J		4.7 J		2.9 J	
Barium	23.8		38.3		21.5		61.6	
Beryllium	0.25		0.41		0.2		0.37	
Cadmium	0.31		8		0.33 U		0.23 U	
Chromium	11.3		684 J		11.5 J		26.4	
Cobalt	5.1		8.7		4.8		12	
Copper	32.1		139 J		29.8 J		39.2	
Lead	12.2		59.1		4.2		20.3	
Mercury		0.31 U		0.27 U		0.32 U		0.29 U
Nickel	18.2		36.3 J		10.4 J		24.8	
Selenium	0.11 UJ		0.11 J		0.07 UJ		0.08 UJ	
Silver	0.48 U		0.68 U		0.67 U		0.47 U	
Thallium	0.12 U		0.09 U		0.08 U		0.08	
Tin	7.1 U		20		10 U		10.2	
Vanadium	16.3		25.8 J		18.5 J		37.2	
Zinc	38.3		69.7 J		20.8 J		112	

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = *processed fill*
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 41	SB 41	SB 41	SB 41	SB 41	SB 41	SB 42	SB 42
Upper Depth (feet)	1	1	4	4	6	6	0	8
Lower Depth (feet)	4	4	6	6	10	10	6	14
Soil/Fill Type	IMP FILL	IMP FILL	IMP FILL/PRO FILL/	IMP FILL/PRO FILL/	NATIVE	NATIVE	IMP FILL-PRO FILL	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/16/93	9/16/93	9/16/93	9/16/93	9/16/93	9/16/93	9/9/93	9/9/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	ELI	ELI
Antimony	5.2 UJ		4.4 UJ		4.2 UJ		10 UJ	5.5 UJ
Arsenic	3.2 J		4.1 J		2.6 J		14.9 J	11 UJ
Barium	31.7		478		39.4		1790 J	215 J
Beryllium	0.18		0.26		0.2		10 U	0.55 U
Cadmium	0.33 U		0.27 U		0.26 U		10 U	0.55 U
Chromium	9.4		74.7		9.5		88.4	18.5
Cobalt	6.4		17.3		5.2		100 U	8.9
Copper	34.7		82.7		14.4		2970 J	89.9 J
Lead	53.9		1990		33.4		2530	100
Mercury		0.26 U		0.36 U		0.27 U	0.5 U	0.27 U
Nickel	13.2		299		13.3		139	15.7
Selenium	0.09 U		0.42 J		0.11 U		10 UJ	5.5 UJ
Silver	0.66 U		0.56 U		0.54 U		R	R
Thallium	0.09 U		0.13		0.12 U		10 UJ	5.5 UJ
Tin	9.9 U		10.6		8 U		R	R
Vanadium	13.5		16.1		18.4		10 U	24.4
Zinc	73.7		274		30.5		293 J	46.7 J

Notes:
Dup = duplicate
IMP FILL = Imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 43	SB 43	SB 43	SB 43	SB 43	SB 43	SB 44	SB 44
Upper Depth (feet)	1	1	6	6	12	12	2	2
Lower Depth (feet)	2	2	8	8	16	16	4	4
Soil/Fill Type	IMP FILL	IMP FILL	PEAT	PEAT	NATIVE	NATIVE	IMP FILL	IMP FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/17/93	9/17/93	9/17/93	9/17/93	9/17/93	9/17/93	10/6/93	10/6/93
Date Analyzed								
Remarks							EPA/CDM	EPA/CDM
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI
Antimony	4.2 UJ		14.3 UJ		4.3 UJ		4.2 J	
Arsenic	7.4 J		189 J		12.9 J		106 J	
Barium	197		349		72.6		71.3	
Beryllium	0.22		0.42		0.38		0.48	
Cadmium	0.26 U		0.89 U		0.27 U		0.25 U	
Chromium	18.2		4.6		10.3		10.8 J	
Cobalt	5.6		20.4		4.6		7.2	
Copper	672		178		21.4		360 J	
Lead	339		220		93.5		320	
Mercury		0.27 U		1.1 U		0.32 U		0.3 U
Nickel	20.2		46.5		10.5		18.7 J	
Selenium	0.1 UJ		8.8		0.1 J		2.6 J	
Silver	0.53 U		1.8 U		0.55 U		0.52 U	
Thallium	0.11 UJ		8.2		0.11 U		6.8 J	
Tin	16.5		27 U		8.2 U		16.1	
Vanadium	42.5		10.9		22.9		17.1 J	
Zinc	97.4		874		47.7		76.9 J	

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	SB 44	SB 44	SB 44	SB 44	SB 47	SB 47	SB 47	SB 47
Upper Depth (feet)	10	10	20	20	2	2	4	4
Lower Depth (feet)	12	12	22	22	4	4	6	6
Soil/Fill Type	PRO FILL	PRO FILL	NATIVE	NATIVE	IMP FILL	IMP FILL	NATIVE	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	10/6/93	10/6/93	10/6/93	10/6/93	9/21/93	9/21/93	9/21/93	9/21/93
Date Analyzed								
Remarks	EPA/CDM	EPA/CDM	EPA/CDM	EPA/CDM				
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI
Antimony	9.7 J		3.4 UJ		4.8 U		4.1	
Arsenic	95.1 J		1.1 J		2.5		4.9	
Barium	334		23.2		57.5		43.9	
Beryllium	0.88		0.28		0.31		0.45	
Cadmium	0.75		0.21 U		0.92		0.25	
Chromium	160 J		15.8 J		7.3		8.7	
Cobalt	87.4		6.5		4		6.1	
Copper	5130 J		40.4 J		46.6		31.9	
Lead	14700		113		208		287	
Mercury		0.46 U		1.1 U		0.28 U		0.33 U
Nickel	957 J		18.9 J		8.1		17.8	
Selenium	0.12 UJ		0.08 UJ		0.1 UJ		0.17 J	
Silver	0.69 U		0.43 U		0.6 U		0.51 U	
Thallium	0.83 J		0.32 J		0.11 U		0.1 U	
Tin	91.9		10.2		13.1		11.4	
Vanadium	40.3 J		25.1 J		12.7		16	
Zinc	3820 J		62.9 J		259		204	

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 47	SB 47	SB 48-2	SB 48-2	SB 48-2	SB 48-2	SB 48-2	SB 48-2
Upper Depth (feet)	6	6	1	1	5	5	10	10
Lower Depth (feet)	10	10	2	2	6	6	12	12
Soil/Fill Type	NATIVE	NATIVE	IMP FILL	IMP FILL	PRO FILL	PRO FILL	NATIVE	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/21/93	9/21/93	9/27/93	9/27/93	9/27/93	9/27/93	9/28/93	9/28/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI
Antimony	5 U		5.7 UJ		6.9 UJ		4.4 UJ	
Arsenic	1.5		4.8 J		6.6 J		3.8 J	
Barium	14.1		249		144		27.2	
Beryllium	0.32		0.27		0.6		0.3	
Cadmium	0.31 U		0.38		1		0.27 U	
Chromium	6.7		31.6 J		23 J		10.5 J	
Cobalt	3.8		9.1		11.1		5.9	
Copper	13.9		1220 J		8240 J		16.7 J	
Lead	28.1		3180		319		5.5	
Mercury		0.31 U		4.4 J		0.43 U		0.32 U
Nickel	10.4		92.9 J		99.7 J		10.9 J	
Selenium	0.13 UJ		0.26 J		0.71 J		0.16 J	
Silver	0.64 U		0.72 U		0.75 U		0.56 U	
Thallium	0.14 U		0.11 U		0.16 UJ		0.13 U	
Tin	9.5 U		46.9		11.2 U		8.3 U	
Vanadium	21.3		19.3 J		19 J		19.5 J	
Zinc	63.3		578 J		1530 J		22.4 J	

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

Sample ID	
Upper Depth (feet)	
Lower Depth (feet)	
Soil/Fill Type	
Units	
Date Sampled	
Date Analyzed	
Remarks	
Laboratory	
Antimony	
Arsenic	
Barium	
Beryllium	
Cadmium	
Chromium	
Cobalt	
Copper	
Lead	
Mercury	
Nickel	
Selenium	
Silver	
Thallium	
Tin	
Vanadium	
Zinc	

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	SB 49	SB 49	SB 49	SB 49	SB 49	SB 49	SB 49	SB 49
Upper Depth (feet)	1	1	8	8	12	12	18	18
Lower Depth (feet)	4	4	9.5	9.5	14	14	20	20
Soil/Fill Type	NATIVE-IMP FILL	NATIVE-IMP FILL	NATIVE	NATIVE	PEAT	PEAT	NATIVE	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/15/93	9/15/93	9/15/93	9/15/93	9/15/93	9/15/93	9/15/93	9/15/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI
Antimony	4.2 U		3.7 U		27.1 U		4.4 U	
Arsenic	1.8		3.1		1.3		1.9	
Barium	190		261		363		43.1	
Beryllium	0.12		0.15		0.15 U		0.37	
Cadmium	0.26 U		0.27		1.7 U		0.27 U	
Chromium	12.5		14.4		10.4		16	
Cobalt	3.7		4.1		2.9		5.4	
Copper	244		713		200		15.6	
Lead	1930		2090		2340		25.1	
Mercury		0.28 U		0.28 U		1.3 U		0.36 U
Nickel	23.8		30		33.2		12.4	
Selenium	0.09 U		0.1 U		1.2		0.11 J	
Silver	0.53 U		0.47 U		3.4 U		0.55 U	
Thallium	0.09 U		0.11 U		0.6 U		0.09 U	
Tin	7.9 U		7.1 U		51.3 U		8.3 U	
Vanadium	10.2		13.4		4.4		24.1	
Zinc	191		350		168		47.4	

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 50	SB 50	SB 52-1	SB 52-1	SB 52-1	SB 52-1	SB 52-1	SB 52-1
Upper Depth (feet)	2	6	2	2	12	12	18	18
Lower Depth (feet)	6	8	4	4	16	16	20	20
Soil/Fill Type	IMP FILL-NATIVE	NATIVE	PRO FILL	PRO FILL	PEAT	PEAT	NATIVE	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/9/93	9/9/93	10/7/93	10/7/93	10/7/93	10/7/93	10/7/93	10/7/93
Date Analyzed								
Remarks								
Laboratory	ELI	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI
Antimony	5.3 UJ	5.5 UJ	6.3 J		16.7 UJ		5 UJ	
Arsenic	28.4 J	12.7 J	11.1 J		4.3 J		0.9 J	
Barium	63.9 J	62.4 J	3180		71.5		85.3	
Beryllium	0.53 U	0.55 U	0.21		0.17		0.63	
Cadmium	0.53 U	0.55 U	1.7		1 U		0.31 U	
Chromium	22	16.4	163 J		6.2 J		22.7 J	
Cobalt	8.2	12.6	19.6		2.4		4.9	
Copper	55.1 J	20.6 J	19200 J		37.8 J		15.9 J	
Lead	151	22.5	7940		21		8.4	
Mercury	0.26 U	0.28 U		0.3 U		1.5 U		0.37 U
Nickel	16.9	16.6	285 J		7.5 J		11.2 J	
Selenium	5.3 UJ	5.5 UJ	0.6 J		1.4 J		0.37 J	
Silver	R	R	1.9		2.1 U		0.63 U	
Thallium	5.3 UJ	5.5 UJ	1.6		0.46 U		0.11 U	
Tin	R	R	35.8		31.6 U		9.6	
Vanadium	25.7	21.5	114 J		8.1 J		26.5 J	
Zinc	45.1 J	43.3 J	2460 J		44.5 J		54.4 J	

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = *processed fill*
PEAT = native peat soil
NATIVE = native soil
EPA/COM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	SB 54	SB 54	SB 54	SB 54	SB 54	SB 54	SB 55	SB 55
Upper Depth (feet)	2	2	6	6	9	9	2	2
Lower Depth (feet)	6	6	8	8	12	12	6	6
Soil/Fill Type	PRO FILL	PRO FILL	PRO FILL	PRO FILL	NATIVE	NATIVE	IMP FILL-NATIVE	IMP FILL-NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/21/93	9/21/93	9/21/93	9/21/93	9/21/93	9/21/93	9/10/93	9/10/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI
Antimony	9.1 U		5.4 U		4.2 U		4.2 UJ	
Arsenic	4		2		2.5		4.8 J	
Barium	78.8		22.5		23.7		35.3 J	
Beryllium	0.27		0.38		0.19		0.31	
Cadmium	0.67		0.34 U		0.26 U		0.26 UJ	
Chromium	117		24.1		6.9		10.1	
Cobalt	28.4		6.7		2.1		4.5	
Copper	3300		1020		43.3		14.8 J	
Lead	5220		428		38.4		149 J	
Mercury		0.62 U		0.33 U		0.3 U		0.26 U
Nickel	512		58.3		7		11	
Selenium	0.31		0.14 UJ		0.08 J		0.12 UJ	
Silver	1.2 U		0.68 U		0.53 U		0.56 J	
Thallium	0.21 UJ		0.15 U		0.08 U		0.13 U	
Tin	17.3 U		10.2 U		7.9 U		8 UJ	
Vanadium	38.7		20.9		8.6		17.7	
Zinc	1570		511		30.9		29 J	

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	SB 55	SB 55	SB 58	SB 58	SB 58	SB 58	SB 59	SB 59
Upper Depth (feet)	8	8	2	2	6	6	6	6
Lower Depth (feet)	12	12	4	4	10	10	8	8
Soil/Fill Type	NATIVE	NATIVE	IMP FILL	IMP FILL	NATIVE	NATIVE	NATIVE	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/10/93	9/10/93	9/17/93	9/17/93	9/17/93	9/17/93	9/17/93	9/17/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI
Antimony	3 UJ		4.4 UJ		4.4 UJ		5.3 UJ	
Arsenic	4.5 J		6.8 J		2.3 J		5.6 J	
Barium	26.5 J		34		29.3		11.1	
Beryllium	0.23		0.35		0.3		0.16	
Cadmium	0.19 UJ		0.28 U		0.28 U		0.33 U	
Chromium	7		16		6.5		3.4	
Cobalt	5.1		6.6		2.9		2.6	
Copper	10.6 J		16		8.7		8.3	
Lead	35.8 J		8.9		15.9		2.2	
Mercury		0.28 U		0.31 U		0.3 U		0.29 U
Nickel	7.7		16.8		5.7		3.9	
Selenium	0.11 UJ		0.12 UJ		0.12 UJ		0.1 U	
Silver	0.38 UJ		0.56 U		0.56 U		0.68 U	
Thallium	0.16 J		0.13 U		0.13 U		0.11 U	
Tin	5.7 UJ		8.4 U		8.3 U		10.1 U	
Vanadium	12		21		12.8		8.1	
Zinc	16.8 J		28.3		40.8		9.2	

Notes:
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IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
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EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	SB 59	SB 59	SB 60	SB 60	SB 60	SB 60	SB 60	SB 60
Upper Depth (feet)	6	6	1	1	14	14	24	24
Lower Depth (feet)	8	8	4	4	20	20	28	28
Soil/Fill Type	NATIVE	NATIVE	IMP FILL	IMP FILL	NATIVE	NATIVE	PEAT	PEAT
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/17/93	9/17/93	9/16/93	9/16/93	9/16/93	9/16/93	9/16/93	9/16/93
Date Analyzed								
Remarks	Dup	Dup						
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI
Antimony	3.3 UJ		5.3 UJ		3.3 UJ		14 UJ	
Arsenic	5.2 J		5.5 J		3.8 J		1.5 J	
Barium	11.7		136		80.7		46.8	
Beryllium	0.17		0.23		0.29		0.12	
Cadmium	0.21 U		0.33 U		0.2 U		0.88 U	
Chromium	3.4		18.6		9.9		6.7	
Cobalt	2.5		7		5.3		1.5	
Copper	7.8		228		15.1		36.6	
Lead	2.1		297		67.9		494	
Mercury		0.29 U		0.27 U		0.29 U		0.78 U
Nickel	4.1		15.9		10.6		13.7	
Selenium	0.11 U		0.1 UJ		0.07 UJ		0.36	
Silver	0.42 U		0.67 U		0.41 U		1.8 U	
Thallium	0.12 U		0.11 U		0.07 UJ		0.32 U	
Tin	6.3 U		11		6.2 U		26.6 U	
Vanadium	7.7		21.9		19.7		4.3	
Zinc	9.6		38.1		37.6		169	

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 60	SB 60	SB 64	SB 64	SB 64	SB 64	SB 65	SB 65
Upper Depth (feet)	32	32	2	2	8	8	1	1
Lower Depth (feet)	36	36	4	4	10	10	2	2
Soil/Fill Type	NATIVE	NATIVE	NATIVE	NATIVE	NATIVE	NATIVE	IMP FILL	IMP FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/16/93	9/16/93	9/20/93	9/20/93	9/20/93	9/20/93	10/7/93	10/7/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI
Antimony	6.9 UJ		3.6 U		4 U		3.6 UJ	
Arsenic	4.5 J		5		4.8		13.6 J	
Barium	58.7		18.3		24		70.1	
Beryllium	0.44		0.23		0.25		0.4	
Cadmium	0.43 U		0.22 U		0.25 U		0.22 U	
Chromium	19.5		8.5		9.5		12.6 J	
Cobalt	9.2		3.8		5.4		5.3	
Copper	21.4		10.3		14.9		74.8 J	
Lead	8.7		2.5		8.4		86.1	
Mercury		0.37 U		0.27 U		0.28 U		0.28 U
Nickel	17.1		6.8		8.9		13.6 J	
Selenium	1.4		0.08 U		0.11 J		0.74 J	
Silver	0.87 U		0.45 U		0.51 U		0.45 U	
Thallium	0.12 UJ		0.09 U		0.09 U		0.13	
Tin	13 U		6.7 U		7.6 U		9.4	
Vanadium	33.4		16.1		18.2		23.3 J	
Zinc	73.2		14.9		20.1		73.4 J	

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 65	SB 65	SB 68	SB 68	SB 68	SB 68	SB 70	SB 70
Upper Depth (feet)	8	8	4	4	8	8	4	8
Lower Depth (feet)	10	10	8	8	10	10	8	14
Soil/Fill Type	NATIVE	NATIVE	PRO FILL-IMP FILL	PRO FILL-IMP FILL	NATIVE	NATIVE	IMP FILL-NATIVE	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	10/7/93	10/7/93	9/10/93	9/10/93	9/10/93	9/10/93	9/4/93	9/4/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	ELI	ELI
Antimony	4 UJ		6.3 UJ		3.7 UJ		5.2 UJ	0.59 UJ
Arsenic	1.7 J		10.3 J		1.3 J		5.7 J	11.9 UJ
Barium	32.8		2970		194		41.6 J	72.4 J
Beryllium	0.34		0.24		0.19		0.52 U	0.59 U
Cadmium	0.25 U		1.3 J		0.23 UJ		0.52 U	0.59 U
Chromium	19.7 J		178		6.5		16.7	18.9
Cobalt	8.9		31.7		3.4		8.8	9.5
Copper	18.8 J		13400 J		72.4 J		17.5 J	23.4 J
Lead	4.3		30200 J		128 J		5.2	6.8
Mercury		0.28 U		0.5 U		0.26 J	0.26 U	0.3 U
Nickel	16.2 J		469		7.4		13.7	23.3
Selenium	0.11 UJ		0.98 UJ		0.12 UJ		5.2 UJ	5.9 UJ
Silver	0.51 U		0.79 U		0.48 U		R	R
Thallium	0.18		0.21 UJ		0.13 U		5.2 UJ	5.9 UJ
Tin	11.9		219 J		7.1 UJ		R	R
Vanadium	30.3 J		16.7		11.1		21.5	25.8
Zinc	33.6 J		1530 J		19.6 J		34 J	41.5 J

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	SB 71	SB 71	SB 71	SB 71	SB 71	SB 71	SB 75	SB 75
Upper Depth (feet)	2	2	8	8	10	10	5	5
Lower Depth (feet)	4	4	10	10	12	12	6	6
Soil/Fill Type	IMP FILL	IMP FILL	IMP FILL	IMP FILL	NATIVE-IMP FILL	NATIVE-IMP FILL	IMP FILL	IMP FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/20/93	9/20/93	9/20/93	9/20/93	9/20/93	9/20/93	10/4/93	10/4/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI
Antimony	3.6 U		5.9 U		4 UJ		5.6 UJ	
Arsenic	5		2.4		3.3 J		2.9 J	
Barium	24.8		30.2		30		35.6	
Beryllium	0.29		0.55		0.27		0.28	
Cadmium	0.22 U		0.37 U		0.25 U		0.35 U	
Chromium	9.1		10.6		10.8 J		10.6 J	
Cobalt	3.9		3.8		3.7		6.4	
Copper	13.9		9.7		19.6 J		13.5 J	
Lead	18		5.3		5		1.7	
Mercury		0.29 U		0.37 U		0.29 U		0.31 U
Nickel	9.4		10		10.6 J		9 J	
Selenium	0.25 J		0.24		0.1 J		0.09 UJ	
Silver	0.44 U		0.75 U		0.51 U		0.71 U	
Thallium	0.1 U		0.1 U		0.08 U		0.09 U	
Tin	6.6 U		11.2 U		7.8		10.6 U	
Vanadium	15.5		22.8		21.4 J		20.8 J	
Zinc	26.4		24.3		17.5 J		19.6 J	

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
INORGANIC ANALYSIS

Sample ID	SB 75	SB 75	SB 77	SB 77	SB 77	SB 77	SB 77	SB 77
Upper Depth (feet)	6	6	1	1	5.25	5.25	12	12
Lower Depth (feet)	7	7	4	4	8	8	14	14
Soil/Fill Type	NATIVE	NATIVE	IMP FILL	IMP FILL	PRO FILL	PRO FILL	NATIVE	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	10/4/93	10/4/93	9/21/93	9/21/93	9/22/93	9/22/93	9/22/93	9/22/93
Date Analyzed								
Remarks			EPA/CDM	EPA/CDM	EPA/CDM	EPA/CDM	EPA/CDM	EPA/CDM
Laboratory	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI	AQUATEC INC	ELI
Antimony	4.7 UJ		3.7 U		4.5		3.6 U	
Arsenic	3.4 J		5.6		41.9		18.2	
Barium	22.9		31.2		28.6		30.5	
Beryllium	0.18		0.19		0.26		0.28	
Cadmium	0.29 U		0.43		0.41		0.22 U	
Chromium	7.1 J		26.2		10		9	
Cobalt	5.3		5.2		4.6		5.6	
Copper	10.4 J		63.8		146		21.4	
Lead	2.6		79.9		55.2		20.1	
Mercury		0.31 U		0.28 U		0.28 U		0.29 U
Nickel	6.9 J		21.6		14.5		9.9	
Selenium	0.08 UJ		0.42 J		0.29 J		0.24 J	
Silver	0.59 U		0.47 U		0.45 U		0.45 U	
Thallium	0.09 U		0.12 U		0.12 U		0.13 U	
Tin	8.8 U		7.8		6.7 U		7.4	
Vanadium	14.1 J		16.4		16.2		22.5	
Zinc	15.7 J		262		167		27.1	

Notes:
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PRO FILL = processed fill
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EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

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Sample ID	SB 77	SB 77						
Upper Depth (feet)	14	14						
Lower Depth (feet)	16	16						
Soil/Fill Type	NATIVE-PEAT	NATIVE-PEAT						
Units	MG/KG	MG/KG						
Date Sampled	9/22/93	9/22/93						
Date Analyzed								
Remarks		EPA/CDM						
Laboratory	AQUATEC INC	ELI						
Antimony	12.2 U							
Arsenic	5.9							
Barium	51.8							
Beryllium	0.27							
Cadmium	0.76 U							
Chromium	18.5							
Cobalt	6.4							
Copper	22.6							
Lead	420							
Mercury		0.72 U						
Nickel	60.4							
Selenium	0.31 U							
Silver	1.5 U							
Thallium	0.34 U							
Tin	23.1 U							
Vanadium	15.4							
Zinc	31.2							

Notes:
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PRO FILL = processed fill
PEAT = native peat soil
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Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
PCB ANALYSIS

Sample ID	MW B4	MW G4	MW G4	MW H4	MW H4	MW I4	MW J4	MW J4
Upper Depth (feet)	8	1	2	2	8	0	6	6
Lower Depth (feet)	10	2	4	4	12	4	8	8
Soil/Fill Type	PRO FILL	IMP FILL	IMP FILL-NATIVE	PRO FILL	PRO FILL	IMP FILL	PRO FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/10/93	8/30/93	8/30/93	8/29/93	8/30/93	8/25/93	8/9/93	8/9/93
Date Analyzed	9/28/93	10/14/93	10/14/93	8/13/93	8/14/93	9/24/93	9/28/93	9/28/93
Remarks								Dup of J4060812
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Aroclor 1016	290 UJ	91 UJ	200 UJ	15000 UJ	19000 U	97 U	560 UJ	590 UJ
Aroclor 1221	290 UJ	91 UJ	200 UJ	15000 UJ	19000 U	97 U	560 UJ	590 UJ
Aroclor 1232	290 UJ	91 UJ	200 UJ	15000 UJ	19000 U	97 U	560 UJ	590 UJ
Aroclor 1242	290 UJ	91 UJ	200 UJ	15000 UJ	19000 U	97 U	560 UJ	590 UJ
Aroclor 1248	290 UJ	91 UJ	200 UJ	15000 UJ	19000 U	97 U	560 UJ	590 UJ
Aroclor 1254	290 UJ	91 UJ	200 UJ	15000 UJ	19000 U	97 U	560 UJ	590 UJ
Aroclor 1260	290 UJ	91 UJ	200 UJ	15000 UJ	19000 U	97 U	560 UJ	590 UJ
Aroclor 1262	57 J	79 J	360 J	8300 J	15000 J	310	3400 J	2300 J
Aroclor 1268	100 J	760 J	2800 J	38000 J	59000 J	1200	4300 J	4200 J

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RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
PCB ANALYSIS

Sample ID	MW K4	MW K4-1	MW K4-1	MW L4	MW L4	MW M4	MW M4	MW N4
Upper Depth (feet)	8	2	2	8	10	4	12	4
Lower Depth (feet)	12	4	4	10	12	6	14	6
Soil/Fill Type	PRO FILL	PRO FILL	PRO FILL	PRO FILL/NATIVE	NATIVE	PRO FILL	PEAT	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	6/30/93	7/13/93	7/13/93	7/29/93	7/29/93	8/2/93	8/5/93	8/5/93
Date Analyzed	8/13/93	8/14/93	8/15/93	8/14/93	8/14/93	9/24/93	9/24/93	9/24/93
Remarks			Dup					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Aroclor 1016	3300 U	35000 U	32000 U	310 UJ	290 UJ	24000 UJ	1200 UJ	260 UJ
Aroclor 1221	3300 U	35000 U	32000 U	310 UJ	290 UJ	24000 UJ	1200 UJ	260 UJ
Aroclor 1232	3300 U	35000 U	32000 U	310 UJ	290 UJ	24000 UJ	1200 UJ	260 UJ
Aroclor 1242	3300 U	35000 U	32000 U	310 UJ	290 UJ	24000 UJ	1200 UJ	260 UJ
Aroclor 1248	3300 U	35000 U	32000 U	310 UJ	290 UJ	24000 UJ	1200 UJ	260 UJ
Aroclor 1254	3300 U	35000 U	32000 U	310 UJ	290 UJ	24000 UJ	1200 UJ	260 UJ
Aroclor 1260	3300 U	35000 U	32000 U	310 UJ	290 UJ	24000 UJ	1200 UJ	260 UJ
Aroclor 1262	2100 J	20000 J	12000 J	310 UJ	290 UJ	22000 J	1300 J	380 J
Aroclor 1268	13000 J	60000 J	32000 J	380 J	290 UJ	97000 J	4200 J	970 J

Notes:
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PRO FILL = processed fill
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NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

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UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
PCB ANALYSIS

Sample ID	MW N4	MW O4	MW O4	MW V4	MW V4	MW W4		
Upper Depth (feet)	10	0	12	4	8	2		
Lower Depth (feet)	12	2	14	8	10	4		
Soil/Fill Type	NATIVE	IMP FILL	NATIVE	IMP FILL	NATIVE	PRO FILL		
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG		
Date Sampled	8/5/93	8/16/93	8/18/93	8/16/93	8/16/93	7/19/93		
Date Analyzed	9/24/93	9/25/93	9/25/93	9/25/93	9/25/93	8/14/93		
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC		
Aroclor 1016	280 UJ	260 U	290 U	560 U	290 U	13000 U		
Aroclor 1221	280 UJ	260 U	290 U	560 U	290 U	13000 U		
Aroclor 1232	280 UJ	260 U	290 U	560 U	290 U	13000 U		
Aroclor 1242	280 UJ	260 U	290 U	560 U	290 U	13000 U		
Aroclor 1248	280 UJ	260 U	290 U	560 U	290 U	13000 U		
Aroclor 1254	280 UJ	260 U	290 U	560 U	290 U	13000 U		
Aroclor 1260	280 UJ	260 U	290 U	560 U	290 U	13000 U		
Aroclor 1262	280 UJ	140 J	840	1300	290 U	22000		
Aroclor 1268	280 UJ	510	2900	5300	290 U	130000		

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
PCB ANALYSIS

Sample ID	SB 1	SB 1	SB 1	SB 4	SB 4	SB 4	SB 6	SB 6
Upper Depth (feet)	4	8	8	2	8	14	8	14
Lower Depth (feet)	8	10	10	4	8.5	16	10	16
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	PRO FILL	NATIVE	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/13/93	8/13/93	8/13/93	9/13/93	9/13/93	9/13/93	9/8/93	9/8/93
Date Analyzed	9/24/93	9/24/93	9/24/93	10/8/93	10/8/93	10/8/93	10/8/93	10/8/93
Remarks			Dup					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Aroclor 1016	540 U	290 U	310 U	460 U	9600 U	580 U	4900 U	23 U
Aroclor 1221	540 U	290 U	310 U	460 U	9600 U	580 U	4900 U	23 U
Aroclor 1232	540 U	290 U	310 U	460 U	9600 U	580 U	4900 U	23 U
Aroclor 1242	540 U	290 U	310 U	460 U	9600 U	580 U	4900 U	23 U
Aroclor 1248	540 U	290 U	310 U	460 U	9600 U	580 U	4900 U	23 U
Aroclor 1254	540 U	290 U	310 U	460 U	9600 U	580 U	4900 U	23 U
Aroclor 1260	540 U	290 U	310 U	460 U	9600 U	580 U	4900 U	23 U
Aroclor 1262	740	290 U	310 U	1400	23000	1400	5000	23 U
Aroclor 1268	2800	290 U	310 U	6400	120000	3400	43000	23 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 7	SB 7	SB 7	SB 8	SB 8	SB 9-1	SB 9-1	SB 9-1
Upper Depth (feet)	4	10	12	10	12	0	0	4
Lower Depth (feet)	6	12	14	12	14	2	2	6
Soil/Fill Type	PRO FILL	PRO FILL	NATIVE	PRO FILL	PEAT	IMP FILL-NATIVE	IMP FILL-NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	9/10/93	8/13/93	8/13/93	9/14/93	9/14/93	9/14/93
Date Analyzed	10/8/93	10/8/93	10/8/93	9/24/93	9/24/93	10/23/93	10/23/93	10/23/93
Remarks							Dup of SB 9-1 0-2	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Aroclor 1016	3800 U	50000 U	2900 U	330 U	300 U	440 U	440 U	18 U
Aroclor 1221	3800 U	50000 U	2900 U	330 U	300 U	440 U	440 U	18 U
Aroclor 1232	3800 U	50000 U	2900 U	330 U	300 U	440 U	440 U	18 U
Aroclor 1242	3800 U	50000 U	2900 U	330 U	300 U	440 U	440 U	18 U
Aroclor 1248	3800 U	50000 U	2900 U	330 U	300 U	440 U	440 U	18 U
Aroclor 1254	3800 U	50000 U	2900 U	330 U	300 U	440 U	440 U	18 U
Aroclor 1260	3800 U	50000 U	2900 U	330 U	300 U	440 U	440 U	18 U
Aroclor 1262	8700	72000	130000	830 U	300 U	1200	1000	18 U
Aroclor 1268	53000	750000	1100000	1600 U	300 U	6200	5000	9.6 J

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 10	SB 10	SB 10	SB 12	SB 12	SB 13	SB 13	SB 14
Upper Depth (feet)	2	6	16	2	10	4	10	1
Lower Depth (feet)	4	8	18	4	12	6	12	2
Soil/Fill Type	PRO FILL	PRO FILL	NATIVE	PRO FILL-IMP FILL	PRO FILL-NATIVE	PRO FILL	NATIVE	PRO FILL-NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/20/93	9/20/93	9/20/93	9/8/93	9/8/93	9/20/93	9/20/93	9/15/93
Date Analyzed	11/5/93	10/27/93	10/26/93	10/8/93	10/8/93	10/26/93	10/26/93	10/14/93
Remarks	Reanalysis							
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Aroclor 1016	3300000 UJ	520000 U	11000 U	38 U	48 U	2600 U	21 U	1900 U
Aroclor 1221	3300000 UJ	520000 U	11000 U	38 U	48 U	2600 U	21 U	1900 U
Aroclor 1232	3300000 UJ	520000 U	11000 U	38 U	48 U	2600 U	21 U	1900 U
Aroclor 1242	3300000 UJ	520000 U	11000 U	38 U	48 U	2600 U	21 U	1900 U
Aroclor 1248	3300000 UJ	520000 U	11000 U	38 U	48 U	2600 U	21 U	1900 U
Aroclor 1254	3300000 UJ	520000 U	11000 U	38 U	48 U	2600 U	21 U	1900 U
Aroclor 1260	3300000 UJ	520000 U	11000 U	38 U	48 U	2600 U	21 U	1900 U
Aroclor 1262	4000000 J	1500000	15000	22 J	28 J	3100	37	3900
Aroclor 1268	6400000 J	6100000 J	71000 J	60	83	16000	160	15000

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = *native peat soil*
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as *received from lab.*

Sample ID	SB 14	SB 15	SB 15	SB 16	SB 16	SB 16	SB 19	SB 19
Upper Depth (feet)	2	1	4	2	8	12	8	10
Lower Depth (feet)	4	2	6	4	10	14	10	12
Soil/Fill Type	NATIVE	IMP FILL	IMP FILL/NATIVE	IMP FILL	PRO FILL	NATIVE	PRO FILL-NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG WET WT	UG/KG	UG/KG	UG/KG
Date Sampled	9/15/93	9/13/93	9/13/93	9/9/93	9/9/93	9/9/93	8/13/93	8/13/93
Date Analyzed	10/14/93	10/9/93	10/23/93	10/8/93	10/8/93	10/8/93	9/24/93	9/25/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Aroclor 1016	18 U	350 U	190 U	880 U	4100 UJ	210 U	370 U	300 U
Aroclor 1221	18 U	350 U	190 U	880 U	4100 UJ	210 U	370 U	300 U
Aroclor 1232	18 U	350 U	190 U	880 U	4100 UJ	210 U	370 U	300 U
Aroclor 1242	18 U	350 U	190 U	880 U	4100 UJ	210 U	370 U	300 U
Aroclor 1248	18 U	350 U	190 U	880 U	4100 UJ	210 U	370 U	300 U
Aroclor 1254	18 U	350 U	190 U	880 U	4100 UJ	210 U	370 U	300 U
Aroclor 1260	18 U	350 U	190 U	880 U	4100 UJ	210 U	370 U	300 U
Aroclor 1262	18 U	210 J	160 J	690 J	6100 J	210 U	1100	300 U
Aroclor 1268	23	1400	1100	3600	45000 J	260	1000	300 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
PCB ANALYSIS

Sample ID	SB 20	SB 20	SB 20	SB 21	SB 23	SB 23	SB 24	SB 24
Upper Depth (feet)	6	10	12	2	3	7	4	8
Lower Depth (feet)	8	12	14	4	5	9	6	10
Soil/Fill Type	PRO FILL	PRO FILL-NATIVE	NATIVE	PRO FILL	IMP FILL	NATIVE	IMP FILL/PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	9/10/93	9/8/93	10/6/93	10/6/93	9/8/93	9/8/93
Date Analyzed	10/9/93	10/15/93	10/23/93	10/8/93	11/12/93	11/13/93	10/8/93	10/8/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Aroclor 1016	11000 U	4700 UJ	210 U	24000 U	R	R	720 U	20 U
Aroclor 1221	11000 U	4700 UJ	210 U	24000 U	R	R	720 U	20 U
Aroclor 1232	11000 U	4700 UJ	210 U	24000 U	R	R	720 U	20 U
Aroclor 1242	11000 U	4700 UJ	210 U	24000 U	R	R	720 U	20 U
Aroclor 1248	11000 U	4700 UJ	210 U	24000 U	R	R	720 U	20 U
Aroclor 1254	11000 U	4700 UJ	210 U	24000 U	R	R	720 U	20 U
Aroclor 1260	11000 U	4700 UJ	210 U	24000 U	R	R	720 U	20 U
Aroclor 1262	38000	15000 J	160 J	19000 J	1400 J	15 J	800	20 U
Aroclor 1268	150000	52000 J	780	150000	4800 J	49 J	2700	20 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 26	SB 26	SB 26-1	SB 26-1	SB 29	SB 29	SB 29	SB 30
Upper Depth (feet)	4	8	0.5	2	3	3	7	0.583
Lower Depth (feet)	8	10	2	4	5	5	9	3
Soil/Fill Type	PRO FILL	NATIVE	IMP FILL	PRO FILL	IMP FILL	IMP FILL	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/24/93	9/23/93	9/24/93	9/24/93	10/7/93	10/7/93	10/7/93	10/5/93
Date Analyzed	10/16/93	10/26/93	10/16/93	10/16/93	11/4/93	11/4/93	11/4/93	11/13/93
Remarks	EPA/CDM	EPA/CDM	EPA/CDM	EPA/CDM		Dup of SB 29 3-5		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Aroclor 1016	11000 U	540 U	4200 U	4100 U	21 U	44 U	23 U	R
Aroclor 1221	11000 U	540 U	4200 U	4100 U	21 U	44 U	23 U	R
Aroclor 1232	11000 U	540 U	4200 U	4100 U	21 U	44 U	23 U	R
Aroclor 1242	11000 U	540 U	4200 U	4100 U	21 U	44 U	23 U	R
Aroclor 1248	11000 U	540 U	4200 U	4100 U	21 U	44 U	23 U	R
Aroclor 1254	11000 U	540 U	4200 U	4100 U	21 U	44 U	23 U	R
Aroclor 1260	11000 U	540 U	4200 U	4100 U	21 U	44 U	23 U	R
Aroclor 1262	75000	2600	6000	7200	50	76	23 U	13000 J
Aroclor 1268	130000	4700	25000	28000	177	300	23 U	60000 J

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

Sample ID	SB 30	SB 30	SB 33	SB 33	SB 38	SB 38	SB 40	SB 41
Upper Depth (feet)	6	7	1	8	5	10	10	2
Lower Depth (feet)	7	9	2	10	7.5	12	12	4
Soil/Fill Type	PRO FILL	NATIVE	IMP FILL	NATIVE	IMP FILL	NATIVE	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/5/93	10/5/93	9/17/93	9/17/93	10/4/93	10/4/93	9/15/93	9/16/93
Date Analyzed	11/13/93	11/13/93	10/15/93	10/15/93	10/27/93	10/27/93	10/15/93	10/23/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Aroclor 1016	R	R	88 U	21 U	110000 U	45 U	19 U	18 U
Aroclor 1221	R	R	88 U	21 U	110000 U	45 U	19 U	18 U
Aroclor 1232	R	R	88 U	21 U	110000 U	45 U	19 U	18 U
Aroclor 1242	R	R	88 U	21 U	110000 U	45 U	19 U	18 U
Aroclor 1248	R	R	88 U	21 U	110000 U	45 U	19 U	18 U
Aroclor 1254	R	R	88 U	21 U	110000 U	45 U	19 U	18 U
Aroclor 1260	R	R	88 U	21 U	110000 U	45 U	19 U	18 U
Aroclor 1262	140000 J	17 J	270	21 U	110000 U	64	19 U	32
Aroclor 1268	450000 J	74 J	1100	21 U	375000 U	520	19 U	120

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

Sample ID	SB 41	SB 41	SB 42	SB 43	SB 43	SB 44	SB 44	SB 44
Upper Depth (feet)	4	8	0	2	6	2	8	20
Lower Depth (feet)	6	8	2	4	8	4	10	22
Soil/Fill Type	IMP FILL/PRO FILL/	NATIVE	IMP FILL	IMP FILL	PEAT	IMP FILL	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/16/93	9/9/93	9/17/93	9/17/93	10/6/93	10/6/93	10/6/93
Date Analyzed	10/15/93	10/23/93	10/8/93	10/15/93	10/15/93	11/13/93	11/13/93	11/13/93
Remarks						EPA/CDM	EPA/CDM	EPA/CDM
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Aroclor 1016	13000 U	18 U	3900 U	180 U	160 UJ	R	R	R
Aroclor 1221	13000 U	18 U	3900 U	180 U	160 UJ	R	R	R
Aroclor 1232	13000 U	18 U	3900 U	180 U	160 UJ	R	R	R
Aroclor 1242	13000 U	18 U	3900 U	180 U	160 UJ	R	R	R
Aroclor 1248	13000 U	18 U	3900 U	180 U	160 UJ	R	R	R
Aroclor 1254	13000 U	18 U	3900 U	180 U	160 UJ	R	R	R
Aroclor 1260	13000 U	18 U	3900 U	180 U	160 UJ	R	R	R
Aroclor 1262	50000	28	5900	390	400 J	230 J	R	R
Aroclor 1268	160000	82	39000	1700	1300 J	1100 J	140 J	21 J

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 47	SB 48-2	SB 48-2	SB 49	SB 49	SB 49	SB 49	SB 50
Upper Depth (feet)	4	1	5	2	6	14	17.5	1
Lower Depth (feet)	6	2	6	4	8	16	18	2
Soil/Fill Type	NATIVE	IMP FILL	PRO FILL	NATIVE-IMP FILL	NATIVE	PEAT	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/21/93	9/28/93	9/27/93	9/15/93	9/15/93	9/15/93	9/15/93	9/9/93
Date Analyzed	10/26/93	10/23/93	10/23/93	10/15/93	10/15/93	10/22/93	10/22/93	10/8/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Aroclor 1016	520 U	11000 U	71 U	21 U	26000 U	2100 U	23 U	860 U
Aroclor 1221	520 U	11000 U	71 U	21 U	26000 U	2100 U	23 U	860 U
Aroclor 1232	520 U	11000 U	71 U	21 U	26000 U	2100 U	23 U	860 U
Aroclor 1242	520 U	11000 U	71 U	21 U	26000 U	2100 U	23 U	860 U
Aroclor 1248	520 U	11000 U	71 U	21 U	26000 U	2100 U	23 U	860 U
Aroclor 1254	520 U	11000 U	71 U	21 U	26000 U	2100 U	23 U	860 U
Aroclor 1260	520 U	11000 U	71 U	21 U	26000 U	2100 U	23 U	860 U
Aroclor 1262	600	24000	94	21 U	100000	5400	79	590 J
Aroclor 1268	3100	99000	380	26	260000	17000	230	2700

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

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Sample ID	SB 50	SB 50	SB 52-1	SB 52-1	SB 54	SB 54	SB 54	SB 55
Upper Depth (feet)	2	8	10	12	4	6	9	2
Lower Depth (feet)	4	8	12	14	6	8	10	4
Soil/Fill Type	IMP FILL	NATIVE	PRO FILL	PEAT	PRO FILL	PRO FILL	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/9/93	9/9/93	10/7/93	10/7/93	9/21/93	9/21/93	9/21/93	9/10/93
Date Analyzed	10/8/93	10/8/93	11/4/93	11/4/93	10/26/93	10/26/93	10/26/93	10/9/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Aroclor 1016	180 U	91 U	50 U	120 U	600 U	220 U	190 U	350 U
Aroclor 1221	180 U	91 U	50 U	120 U	600 U	220 U	190 U	350 U
Aroclor 1232	180 U	91 U	50 U	120 U	600 U	220 U	190 U	350 U
Aroclor 1242	180 U	91 U	50 U	120 U	600 U	220 U	190 U	350 U
Aroclor 1248	180 U	91 U	50 U	120 U	600 U	220 U	190 U	350 U
Aroclor 1254	180 U	91 U	50 U	120 U	600 U	220 U	190 U	350 U
Aroclor 1260	180 U	91 U	50 U	120 U	600 U	220 U	190 U	350 U
Aroclor 1262	160 J	91 U	48 J	130	740	320	190 U	720
Aroclor 1268	2700	280	220	610	2300	870	350	3300

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 56	SB 58	SB 58	SB 59	SB 59	SB 59	SB 60	SB 60
Upper Depth (feet)	10	2	6	1	4	4	1	6
Lower Depth (feet)	12	4	8	2	6	6	2	8
Soil/Fill Type	NATIVE	IMP FILL	NATIVE	IMP FILL	NATIVE	NATIVE	IMP FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/17/93	9/17/93	9/17/93	9/17/93	9/17/93	9/16/93	9/16/93
Date Analyzed	10/9/93	10/23/93	10/15/93	10/15/93	10/15/93	10/15/93	10/15/93	10/27/93
Remarks						Dup		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Aroclor 1016	390 U	27 U	120 U	110 U	180 U	180 U	180 U	200 U
Aroclor 1221	390 U	27 U	120 U	110 U	180 U	180 U	180 U	200 U
Aroclor 1232	390 U	27 U	120 U	110 U	180 U	180 U	180 U	200 U
Aroclor 1242	390 U	27 U	120 U	110 U	180 U	180 U	180 U	200 U
Aroclor 1248	390 U	27 U	120 U	110 U	180 U	180 U	180 U	200 U
Aroclor 1254	390 U	27 U	120 U	110 U	180 U	180 U	180 U	200 U
Aroclor 1260	390 U	27 U	120 U	110 U	180 U	180 U	180 U	200 U
Aroclor 1262	460	27 U	220	200	380	320	440	290
Aroclor 1268	1600	27 U	640	750	1600	1400	1800	860

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
PCB ANALYSIS

Sample ID	SB 60	SB 60	SB 64	SB 64	SB 65	SB 65	SB 68	SB 68
Upper Depth (feet)	18	24	1	6	4	6.75	2	6
Lower Depth (feet)	20	26	2	8	6	7.25	4	8
Soil/Fill Type	NATIVE	PEAT	IMP FILL	NATIVE	IMP FILL/NATIVE	NATIVE	IMP FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/16/93	9/20/93	9/20/93	10/7/93	10/7/93	9/10/93	9/10/93
Date Analyzed	10/23/93	10/15/93	10/25/93	10/15/93	11/4/93	11/4/93	10/23/93	10/9/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Aroclor 1016	2000 U	1500 U	19 U	35 U	3600 U	910 U	9300 U	18000 U
Aroclor 1221	2000 U	1500 U	19 U	35 U	3600 U	910 U	9300 U	18000 U
Aroclor 1232	2000 U	1500 U	19 U	35 U	3600 U	910 U	9300 U	18000 U
Aroclor 1242	2000 U	1500 U	19 U	35 U	3600 U	910 U	9300 U	18000 U
Aroclor 1248	2000 U	1500 U	19 U	35 U	3600 U	910 U	9300 U	18000 U
Aroclor 1254	2000 U	1500 U	19 U	35 U	3600 U	910 U	9300 U	18000 U
Aroclor 1260	2000 U	1500 U	19 U	35 U	3600 U	910 U	9300 U	18000 U
Aroclor 1262	2400	2400	19 U	66	3200 J	1100	4900 J	61000
Aroclor 1268	13000	13000	33	160	11000	4100	31000	230000

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 68	SB 70	SB 70	SB 71	SB 71	SB 71-1	SB 75	SB 75
Upper Depth (feet)	8	4	8	2	6	10	5	6
Lower Depth (feet)	10	8	10	4	8	12	6	7
Soil/Fill Type	NATIVE	IMP FILL	NATIVE	IMP FILL	IMP FILL	NATIVE-IMP FILL	IMP FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/4/93	9/4/93	9/20/93	9/20/93	10/7/93	10/4/93	10/4/93
Date Analyzed	10/9/93	10/8/93	10/8/93	10/27/93	10/27/93	11/4/93	10/23/93	10/23/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Aroclor 1016	420 U	18 U	19 U	180 U	210 U	20 U	21 U	21 U
Aroclor 1221	420 U	18 U	19 U	180 U	210 U	20 U	21 U	21 U
Aroclor 1232	420 U	18 U	19 U	180 U	210 U	20 U	21 U	21 U
Aroclor 1242	420 U	18 U	19 U	180 U	210 U	20 U	21 U	21 U
Aroclor 1248	420 U	18 U	19 U	180 U	210 U	20 U	21 U	21 U
Aroclor 1254	420 U	18 U	19 U	180 U	210 U	20 U	21 U	21 U
Aroclor 1260	420 U	18 U	19 U	180 U	210 U	20 U	21 U	21 U
Aroclor 1262	310 J	18 U	19 U	180 U	210 U	20 U	21 U	21 U
Aroclor 1268	1600	40	48	470	670	20	75 U	21 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 77	SB 77	SB 77					
Upper Depth (feet)	1	6.25	12					
Lower Depth (feet)	4	8	14					
Soil/Fill Type	IMP FILL	PRO FILL	NATIVE					
Units	UG/KG	UG/KG	UG/KG					
Date Sampled	9/21/93	9/22/93	9/22/93					
Date Analyzed	10/15/93	10/26/93	10/16/93					
Remarks	EPA/CDM	EPA/CDM	EPA/CDM					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC					
Aroclor 1016	920 U	20 U	20 U					
Aroclor 1221	920 U	20 U	20 U					
Aroclor 1232	920 U	20 U	20 U					
Aroclor 1242	920 U	20 U	20 U					
Aroclor 1248	920 U	20 U	20 U					
Aroclor 1254	920 U	20 U	20 U					
Aroclor 1260	920 U	20 U	20 U					
Aroclor 1262	920 U	45	20 U					
Aroclor 1268	4400	220	35					

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
DIOXIN/FURAN ANALYSIS

Sample ID	MW B4	MW G4	MW H4	MW H4	MW I4	MW J4	MW J4	MW K4
Upper Depth (feet)	8	2	2	8	4	6	6	6
Lower Depth (feet)	10	4	4	12	6	8	8	8
Soil/Fill Type	PRO FILL	IMP FILL-NATIVE	PRO FILL	PRO FILL	IMP FILL	PRO FILL	PRO FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/10/93	8/30/93	7/3/93	7/2/93	8/26/93	8/9/93	8/9/93	6/28/93
Date Analyzed	9/24/93	9/23/93	7/26/93	7/26/93	9/28/93	9/24/93	9/24/93	7/26/93
Remarks							Dup of MW J4 06-08	
Laboratory	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS
2,3,7,8-TCDD	2 UJ	1.3 UJ	0.017 U	0.059 U	0.8 UJ	25 UJ	0.88 UJ	0.033 U
1,2,3,7,8-PeCDD	2.7 UJ	2 UJ	0.026 U	0.093 U	1.8 UJ	27 UJ	1.2 UJ	0.051 U
1,2,3,4,7,8-HxCDD	4.1 UJ	3 UJ	0.043 U	0.12 U	0.7 UJ	55 UJ	1.7 UJ	0.086 U
1,2,3,6,7,8-HxCDD	2.9 UJ	2.2 UJ	0.038 U	0.11 U	0.6 UJ	56 UJ	1.2 UJ	0.075 U
1,2,3,7,8,9-HxCDD	3.1 UJ	2.5 UJ	0.043 U	0.12 U	0.6 UJ	52 UJ	1.3 UJ	0.085 U
1,2,3,4,6,7,8-HpCDD	4.1 UJ	66.3 J	0.124 J	0.791 J	48 J	62 UJ	1.7 UJ	0.1 U
OCDD	8.5 UJ	210 J	0.907 J	2.98 J	403 J	120 UJ	5.09 J	0.23 U
2,3,7,8-TCDF	1.2 UJ	1 UJ	0.227 J	0.585 J	0.4 UJ	16 UJ	0.56 UJ	0.269 J
1,2,3,7,8-PeCDF	1.4 UJ	2.6 J	0.299 J	0.672 J	0.8 UJ	18 UJ	0.65 UJ	0.03 U
2,3,4,7,8-PeCDF	1.6 UJ	1.3 UJ	0.957 J	1.5 J	0.8 UJ	19 UJ	0.72 UJ	0.953 J
1,2,3,4,7,8-HxCDF	2.5 UJ	1.3 UJ	3.35	4.76	0.4 UJ	34 UJ	0.79 UJ	5.8
1,2,3,6,7,8-HxCDF	1.9 UJ	7.7 J	0.594 J	1.01 J	1.2 J	33 UJ	0.59 UJ	0.946 J
2,3,4,6,7,8-HxCDF	2.2 UJ	1.2 UJ	1.86 J	2.61 J	0.4 UJ	35 UJ	0.69 UJ	3.15 J
1,2,3,7,8,9-HxCDF	2.5 UJ	1.4 UJ	0.046 U	0.1 U	0.4 UJ	38 UJ	0.79 UJ	0.079 U
1,2,3,4,6,7,8-HpCDF	2.7 UJ	1.8 UJ	6.46	15.7	0.5 UJ	42 UJ	0.85 UJ	17.5
1,2,3,4,7,8,9-HpCDF	3.3 UJ	2 UJ	0.055 U	13	1.1 J	49 UJ	1 UJ	0.094 U
OCDF	6.8 UJ	2.9 UJ	0.18 U	0.831 J	80.7 J	86 UJ	1.2 UJ	0.21 U
TOTAL TCDD	2 UJ	1.3 UJ	0.017 U	0.059 U	0.8 UJ	25 UJ	0.88 UJ	0.033 U
TOTAL PeCDD	2.7 UJ	2 UJ	0.026 U	0.093 U	1.8 UJ	27 UJ	1.2 UJ	0.051 U
TOTAL HxCDD	4.1 UJ	7.81 J	0.043 U	0.12 U	0.7 UJ	56 UJ	1.7 UJ	0.086 U
TOTAL HpCDD	4.1 UJ	65.3 J	0.124 U	0.576	48 J	62 UJ	1.7 UJ	3.4 U
TOTAL TCDF	1.2 UJ	1.2 J	1.11 U	2.67 U	0.4 UJ	16 UJ	0.56 UJ	1.49 U
TOTAL PeCDF	1.6 UJ	11.9 J	4.28 U	8.33 U	1.6 J	19 UJ	1.93 J	6.71 U
TOTAL HxCDF	2.5 UJ	14 J	16.6 U	23.2	18.3 J	38 UJ	1.89 J	31.3 U
TOTAL HpCDF	3.3 UJ	7.87 J	7.86	32.6	66.7 J	49 UJ	1 UJ	25.4 U
Dioxin TEF Lower (calculated) [a]	0.000	1.763	1.163	1.979	1.095	0.000	0.005	1.668
Dioxin TEF Upper (calculated) [b]	3.188	3.887	1.187	2.054	2.342	41.268	1.341	1.715

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
[a] Total toxicity equivalents where nondetects set to zero.
[b] Total toxicity equivalents where nondetects set to half the detection limit.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
DIOXIN/FURAN ANALYSIS

Sample ID	MW L4	MW M4	MW N4	MW O4	MW V4	MW W4		
Upper Depth (feet)	8	4	4	0	4	2		
Lower Depth (feet)	10	6	6	2	6	4		
Soil/Fill Type	PRO FILL/NATIVE	PRO FILL	IMP FILL	IMP FILL	IMP FILL	PRO FILL		
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG		
Date Sampled	7/29/93	8/2/93	8/5/93	8/16/93	8/16/93	7/19/93		
Date Analyzed	9/26/93	9/24/93	9/9/93	9/28/93	9/27/93	7/30/93		
Remarks								
Laboratory	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS		
2,3,7,8-TCDD	0.25 UJ	0.17 UJ	0.00075 U	0.14 UJ	0.56 U	0.0084 U		
1,2,3,7,8-PeCDD	0.27 UJ	0.19 UJ	0.0013 U	0.33 UJ	1.2 U	0.013 U		
1,2,3,4,7,8-HxCDD	0.4 UJ	0.58 UJ	0.001 U	0.13 UJ	0.59 U	0.034 U		
1,2,3,6,7,8-HxCDD	0.4 UJ	0.6 UJ	0.00099 U	0.11 UJ	0.49 U	0.029 U		
1,2,3,7,8,9-HxCDD	0.37 UJ	0.55 UJ	0.001 U	0.11 UJ	0.49 U	0.03 U		
1,2,3,4,6,7,8-HpCDD	0.4 UJ	0.66 UJ	0.0013 U	0.16 UJ	0.69 U	0.042 U		
OCDD	0.68 UJ	1.9 UJ	0.0025 U	4.04 UJ	6.39 J	0.836 J		
2,3,7,8-TCDF	0.16 UJ	0.14 UJ	0.00044 U	0.066 UJ	0.33 U	0.223 J		
1,2,3,7,8-PeCDF	0.17 UJ	0.15 UJ	0.0006 U	0.13 UJ	0.61 U	0.402 J		
2,3,4,7,8-PeCDF	0.17 UJ	0.16 UJ	0.00062 U	0.13 UJ	0.61 U	1 J		
1,2,3,4,7,8-HxCDF	0.28 UJ	0.41 UJ	0.0007 U	0.071 UJ	0.31 U	5.41 J		
1,2,3,6,7,8-HxCDF	0.27 UJ	0.4 UJ	0.00062 U	0.061 UJ	0.27 U	0.934 J		
2,3,4,6,7,8-HxCDF	0.28 UJ	0.41 UJ	0.00069 U	0.071 UJ	0.3 U	2.66 J		
1,2,3,7,8,9-HxCDF	0.29 UJ	0.45 UJ	0.00085 U	0.082 UJ	0.32 U	0.034 U		
1,2,3,4,6,7,8-HpCDF	0.31 UJ	0.5 UJ	0.00085 U	0.089 UJ	0.39 U	11.9 J		
1,2,3,4,7,8,9-HpCDF	0.33 UJ	0.58 UJ	0.0011 U	0.12 UJ	0.51 U	0.049 UJ		
OCDF	0.51 UJ	1.4 UJ	0.0021 U	0.091 UJ	0.41 U	1.28 J		
TOTAL TCDD	0.25 UJ	0.17 UJ	0.00075 U	0.14 UJ	0.56 U	0.0084 UJ		
TOTAL PeCDD	0.27 UJ	0.19 UJ	0.0013 U	0.33 UJ	1.2 U	0.013 UJ		
TOTAL HxCDD	0.4 UJ	0.6 UJ	0.001 U	0.13 UJ	0.59 U	0.034 UJ		
TOTAL HpCDD	0.4 UJ	0.66 UJ	0.0013 U	0.16 UJ	0.69 U	0.042 UJ		
TOTAL TCDF	0.16 UJ	0.14 UJ	0.00044 U	0.066 UJ	0.33 U	1.05 UJ		
TOTAL PeCDF	0.17 UJ	0.16 UJ	0.00062 U	0.13 UJ	0.61 U	5.34 UJ		
TOTAL HxCDF	0.29 UJ	2.59 J	0.00085 U	0.082 UJ	0.32 U	10.3 UJ		
TOTAL HpCDF	0.33 UJ	0.58 UJ	0.0011 U	0.12 UJ	0.51 U	14.8 UJ		
Dioxin TEF Lower (calculated) [a]	0.000	0.000	0.000	0.004	0.006	1.564		
Dioxin TEF Upper (calculated) [b]	0.368	0.364	0.001	0.229	0.917	1.578		

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
[a] Total toxicity equivalents where nondetects set to zero.
[b] Total toxicity equivalents where nondetects set to half the detection limit.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
DIOXIN/FURAN ANALYSIS

Sample ID	SB 1	SB 4	SB 4	SB 6	SB 7	SB 7	SB 8	SB 9-1
Upper Depth (feet)	4	2	8	8	4	10	10	0
Lower Depth (feet)	6	4	8.5	10	6	12	12	2
Soil/Fill Type	PRO FILL	IMP FILL	PRO FILL	PRO FILL	PRO FILL	PRO FILL	PRO FILL	IMP FILL-NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/13/93	9/13/93	9/13/93	9/8/93	9/10/93	9/10/93	8/13/93	9/14/93
Date Analyzed	10/7/93	10/1/93	10/21/93	9/30/93	10/1/93	10/14/93	9/30/93	10/14/93
Remarks								
Laboratory	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS
2,3,7,8-TCDD	0.48 UJ	0.016 U	0.1 U	0.76 U	0.019 U	0.025 U	0.5 U	0.0011 U
1,2,3,7,8-PeCDD	0.65 UJ	0.029 U	0.14 U	1 U	0.049 U	0.053 U	0.68 U	0.0024 U
1,2,3,4,7,8-HxCDD	0.89 UJ	0.02 U	0.26 U	1.5 U	0.026 U	0.05 U	0.79 U	0.0019 U
1,2,3,6,7,8-HxCDD	0.64 UJ	0.017 U	0.28 U	1.5 U	0.02 U	0.046 U	0.47 U	0.0017 U
1,2,3,7,8,9-HxCDD	0.67 UJ	0.017 U	0.27 U	1.5 U	0.021 U	0.044 U	0.59 U	0.0017 U
1,2,3,4,6,7,8-HpCDD	1.27 J	0.0575 J	0.34 U	2 U	0.031 U	0.063 U	0.8 U	0.0024 U
OCDD	1.1 UJ	0.344 J	1 U	5 U	0.284 J	0.1 U	1.3 U	0.343 J
2,3,7,8-TCDF	0.31 UJ	0.0654 J	0.282 J	0.42 U	0.0777 J	0.014 U	0.3 U	0.00069 U
1,2,3,7,8-PeCDF	0.36 UJ	0.0289 J	0.099 U	0.47 U	0.025 U	0.021 U	0.35 U	0.001 U
2,3,4,7,8-PeCDF	0.4 UJ	0.189 J	0.673 J	0.55 U	0.349 J	0.019 U	0.38 U	0.00097 U
1,2,3,4,7,8-HxCDF	0.48 UJ	0.453 J	0.19 U	1.1 U	0.506 J	0.656 J	0.47 U	0.001 U
1,2,3,6,7,8-HxCDF	0.36 UJ	0.0581 J	0.18 U	1 U	0.0872 J	0.0656 J	0.35 U	0.00085 U
2,3,4,6,7,8-HxCDF	0.42 UJ	0.245 J	0.2 U	1.1 U	0.244 J	0.031 U	0.41 U	0.00092 U
1,2,3,7,8,9-HxCDF	0.49 UJ	0.014 U	0.22 U	1.3 U	0.018 U	0.035 U	0.48 U	0.0011 U
1,2,3,4,6,7,8-HpCDF	0.52 UJ	0.897 J	3.73 J	2.6 J	0.91 J	1.8 J	0.51 U	0.158 J
1,2,3,4,7,8,9-HpCDF	0.63 UJ	0.017 U	0.3 U	1.8 U	0.023 U	0.053 U	0.62 U	0.0016 U
OCDF	0.88 UJ	0.0666 J	0.77 U	3.6 U	0.102 J	2.82 J	1.1 U	0.0038 U
TOTAL TCDD	0.48 UJ	0.016 U	0.1 U	0.76 U	0.019 U	0.025 U	0.5 U	0.0011 U
TOTAL PeCDD	0.65 UJ	0.029 U	0.14 U	1 U	0.049 U	0.053 U	0.68 U	0.0024 U
TOTAL HxCDD	0.89 UJ	0.02 U	0.28 U	1.5 U	0.026 U	0.05 U	0.79 U	0.0019 U
TOTAL HpCDD	1.27 J	0.0575	0.34 U	2 U	0.0523 J	0.063 U	0.8 U	0.0222
TOTAL TCDF	0.31 UJ	0.22	0.727	0.42 U	0.253 J	0.014 U	0.3 U	0.00069 U
TOTAL PeCDF	0.4 UJ	0.578	0.884	0.55 U	1.06 J	0.021 U	0.38 U	0.001 U
TOTAL HxCDF	0.49 UJ	1.59	4.66	1.3 U	2.05 J	3.46 J	0.48 U	0.0011 U
TOTAL HpCDF	0.63 UJ	0.969	3.73	2.6	0.91 J	1.8 J	0.62 U	0.158
Dioxin TEF Lower (calculated) [a]	0.013	0.188	0.402	0.026	0.275	0.093	0.000	0.002
Dioxin TEF Upper (calculated) [b]	0.744	0.207	0.574	1.300	0.302	0.136	0.728	0.004

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
[a] Total toxicity equivalents where nondetects set to zero.
[b] Total toxicity equivalents where nondetects set to half the detection limit.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 9-1	SB 10	SB 10	SB 12	SB 13	SB 14	SB 15	SB 16
Upper Depth (feet)	2	2	6	2	4	1	1	2
Lower Depth (feet)	4	4	8	4	6	2	2	4
Soil/Fill Type	NATIVE	PRO FILL	PRO FILL	PRO FILL-IMP FILL	PRO FILL	PRO FILL-NATIVE	IMP FILL	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/14/93	9/20/93	9/20/93	9/8/93	9/20/93	9/15/93	9/13/93	9/9/93
Date Analyzed	10/4/93	10/6/93	10/6/93	9/30/93	10/5/93	10/1/93	10/1/93	10/19/93
Remarks								
Laboratory	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS
2,3,7,8-TCDD	0.013 U	0.0092 U	0.046 U	0.082 UJ	0.058 U	0.022 U	0.014 U	0.38 U
1,2,3,7,8-PeCDD	0.027 U	0.024 U	0.12 U	0.11 UJ	0.11 U	0.042 U	0.025 U	0.44 U
1,2,3,4,7,8-HxCDD	0.015 U	0.023 U	0.084 U	0.19 UJ	0.085 U	0.028 U	0.019 U	0.98 U
1,2,3,6,7,8-HxCDD	0.0439 J	0.019 U	0.068 U	0.19 UJ	0.077 U	0.026 U	0.016 U	1 U
1,2,3,7,8,9-HxCDD	0.013 U	0.02 U	0.075 U	0.19 UJ	0.076 U	0.025 U	0.016 U	0.99 U
1,2,3,4,6,7,8-HpCDD	0.732 J	0.486 J	0.182 J	0.26 UJ	0.1 U	0.033 U	0.02 U	1.4 U
OCDD	4.03 J	0.057 U	0.782 J	0.31 UJ	1.43 J	0.57 J	0.246 J	4.4 U
2,3,7,8-TCDF	0.0077 U	1.41 J	0.026 U	0.036 UJ	0.555 J	0.188 J	0.009 U	0.3 U
1,2,3,7,8-PeCDF	0.012 U	0.012 U	0.054 U	0.039 UJ	0.349 J	0.106 J	0.014 U	0.34 U
2,3,4,7,8-PeCDF	0.013 U	0.011 U	0.08 U	0.046 UJ	1.62	0.42 J	0.0423 J	0.35 U
1,2,3,4,7,8-HxCDF	0.0091 U	0.012 U	0.044 U	0.14 UJ	7.52	1.94 J	0.0803 J	0.88 U
1,2,3,6,7,8-HxCDF	0.0081 U	0.012 U	0.046 U	0.13 UJ	1.64 J	0.366 J	0.0171 J	0.83 U
2,3,4,6,7,8-HxCDF	0.01 U	0.011 U	0.043 U	0.15 UJ	3.32 J	0.914 J	0.0529 J	0.89 U
1,2,3,7,8,9-HxCDF	0.0094 U	0.014 U	0.054 U	0.17 UJ	0.073 U	0.023 U	0.012 U	1 U
1,2,3,4,6,7,8-HpCDF	0.104 J	0.84 J	0.748 J	0.19 UJ	11.1	3.91	0.287 J	1.2 U
1,2,3,4,7,8,9-HpCDF	0.013 U	0.03 U	0.11 U	0.25 UJ	0.1 U	0.032 U	0.016 U	1.5 U
OCDF	0.239 J	31.8	83.9	0.23 UJ	0.818 J	0.414 J	0.023 UJ	3.7 U
TOTAL TCDD	0.013 U	0.0092 U	0.046 U	0.082 UJ	0.058 U	0.022 U	0.014 U	0.38 U
TOTAL PeCDD	0.027 U	0.024 U	0.12 U	0.11 UJ	0.11 U	0.042 U	0.025 U	0.44 U
TOTAL HxCDD	0.0712	0.023 U	0.084 U	0.19 UJ	0.085 U	0.028 U	0.019 U	1 U
TOTAL HpCDD	0.732	1.28	0.331	0.26 UJ	0.1 U	0.033 U	0.02 U	1.4 U
TOTAL TCDF	0.0077 U	1.78	0.026 U	0.036 UJ	2.48	0.551	0.009 U	0.3 U
TOTAL PeCDF	0.013 U	0.123	0.115	0.046 UJ	6.55	2.03	0.104 J	0.35 U
TOTAL HxCDF	0.0532	0.014 U	0.42	0.17 UJ	29.2	7.96	0.344 J	1 U
TOTAL HpCDF	0.438	0.84	0.748	0.25 UJ	12.1	4.41	0.287 J	1.5 U
Dioxin TEF Lower (calculated) [a]	0.017	0.186	0.094	0.000	2.234	0.594	0.039	0.000
Dioxin TEF Upper (calculated) [b]	0.037	0.205	0.183	0.145	2.307	0.621	0.057	0.764

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
[a] Total toxicity equivalents where nondetects set to zero.
[b] Total toxicity equivalents where nondetects set to half the detection limit.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
DIOXIN/FURAN ANALYSIS

Sample ID	SB 16	SB 16	SB 19	SB 20	SB 21	SB 23	SB 24	SB 26
Upper Depth (feet)	2	8	8	6	2	3	4	4
Lower Depth (feet)	4	10	10	8	4	5	6	8
Soil/Fill Type	IMP FILL	PRO FILL	PRO FILL-NATIVE	PRO FILL	PRO FILL	IMP FILL	IMP FILL/PRO FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/9/93	9/9/93	8/13/93	9/10/93	9/8/93	10/6/93	9/8/93	9/24/93
Date Analyzed	10/19/93	10/27/93	10/28/93	10/14/93	10/16/93	10/26/93	10/13/93	10/22/93
Remarks	Dup of SB 16 02-04							EPA/CDM
Laboratory	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS
2,3,7,8-TCDD	0.35 U	0.01 UJ	0.0075 UJ	0.016 U	0.64 U	0.12 U	0.14 U	0.039 U
1,2,3,7,8-PeCDD	0.41 U	0.023 UJ	0.017 UJ	0.035 U	0.95 U	0.16 U	0.2 U	0.045 U
1,2,3,4,7,8-HxCDD	0.96 U	0.026 UJ	0.019 UJ	0.04 U	2.5 UJ	0.31 U	0.23 U	0.15 U
1,2,3,6,7,8-HxCDD	1 U	0.023 UJ	0.016 UJ	0.037 U	2.6 UJ	0.34 U	0.23 U	0.16 U
1,2,3,7,8,9-HxCDD	0.97 U	0.025 UJ	0.017 UJ	0.035 U	2.6 UJ	0.32 U	0.22 U	0.15 U
1,2,3,4,6,7,8-HpCDD	1.4 U	0.044 UJ	0.031 UJ	0.05 U	4.1 UJ	0.39 U	0.3 U	0.18 U
OCDD	4.5 U	0.638 J	0.029 UJ	0.18 U	12 UJ	0.83 U	4.42 J	0.53 U
2,3,7,8-TCDF	0.24 U	0.198 J	0.0046 UJ	0.201 J	2.41 J	0.085 U	0.087 U	0.057 U
1,2,3,7,8-PeCDF	0.27 U	0.119 J	0.0087 UJ	0.014 U	0.69 U	0.1 U	0.11 U	0.064 U
2,3,4,7,8-PeCDF	0.28 U	0.626 J	0.0086 UJ	0.013 U	5.3 J	0.11 U	0.12 U	0.184 J
1,2,3,4,7,8-HxCDF	0.95 U	1.31 J	0.0081 UJ	1.15 J	13.8 J	0.2 U	0.18 U	1.1 J
1,2,3,6,7,8-HxCDF	0.9 U	0.224 J	0.0071 UJ	0.018 U	2 UJ	0.2 U	0.17 U	0.12 U
2,3,4,6,7,8-HxCDF	0.96 U	0.575 J	0.0083 UJ	0.83 J	2.2 UJ	0.2 U	0.19 U	0.13 U
1,2,3,7,8,9-HxCDF	1.1 U	0.016 UJ	0.011 UJ	0.023 U	2.7 U	0.23 U	0.22 U	0.14 U
1,2,3,4,6,7,8-HpCDF	1.3 U	2.87 J	0.014 UJ	3.86 J	29.1 J	0.26 U	0.26 U	4.47
1,2,3,4,7,8,9-HpCDF	1.6 U	0.027 UJ	0.02 UJ	0.034 U	4.9 UJ	0.32 U	0.34 U	0.17 U
OCDF	3.8 U	0.033 UJ	0.019 UJ	0.14 U	9.6 UJ	0.7 U	0.55 U	0.42 U
TOTAL TCDD	0.35 U	0.01 UJ	0.0075 UJ	0.016 U	0.64 U	0.12 U	0.14 U	0.039 U
TOTAL PeCDD	0.41 U	0.023 UJ	0.017 UJ	0.035 U	0.95 U	0.16 U	0.2 U	0.045 U
TOTAL HxCDD	1 U	0.026 UJ	0.019 UJ	0.04 U	2.6 UJ	0.34 U	0.23 U	0.16 U
TOTAL HpCDD	1.4 U	0.044 UJ	0.031 UJ	0.05 U	4.1 UJ	0.39 U	0.3 U	0.18 U
TOTAL TCDF	0.24 U	0.51 J	0.0046 UJ	0.456	2.41 J	0.085 U	0.087 U	0.057 U
TOTAL PeCDF	0.28 U	0.985 J	0.0087 UJ	0.014 U	18.2 J	0.11 U	0.128	0.808
TOTAL HxCDF	1.1 U	6.03 J	0.011 UJ	8.28	64.3 J	0.23 U	0.22 U	4.96
TOTAL HpCDF	1.6 U	2.87 J	0.02 UJ	3.86	29.1 J	0.32 U	0.34 U	4.47
Dioxin TEF Lower (calculated) [a]	0.000	0.579	0.000	0.257	4.562	0.000	0.004	0.247
Dioxin TEF Upper (calculated) [b]	0.734	0.595	0.015	0.285	5.923	0.230	0.238	0.327

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
[a] Total toxicity equivalents where nondetects set to zero.
[b] Total toxicity equivalents where nondetects set to half the detection limit.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
DIOXIN/FURAN ANALYSIS

Sample ID	SB 26-1	SB 26-1	SB 29	SB 30	SB 30	SB 33	SB 33	SB 38
Upper Depth (feet)	0.5	2	3	0.583	5	1	8	5
Lower Depth (feet)	2	4	5	3	7	2	10	7.5
Soil/Fill Type	IMP FILL	PRO FILL	IMP FILL	IMP FILL	PRO FILL	IMP FILL	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/24/93	9/24/93	10/7/93	10/6/93	10/6/93	9/17/93	9/17/93	10/4/93
Date Analyzed	10/22/93	10/22/93	10/25/93	10/25/93	10/25/93	10/2/93	10/5/93	10/22/93
Remarks	EPA/CDM	EPA/CDM						
Laboratory	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS
2,3,7,8-TCDD	0.095 U	0.074 U	0.12 U	0.11 U	0.13 U	0.006 U	0.004 U	0.075 U
1,2,3,7,8-PeCDD	0.12 U	0.093 U	0.16 U	0.14 U	0.18 U	0.013 U	0.0086 U	0.094 U
1,2,3,4,7,8-HxCDD	0.31 U	0.44 U	0.22 U	0.23 U	0.54 U	0.011 U	0.0049 U	0.15 U
1,2,3,6,7,8-HxCDD	0.34 U	0.49 U	0.24 U	0.25 U	0.59 U	0.0091 U	0.0042 U	0.16 U
1,2,3,7,8,9-HxCDD	0.32 U	0.47 U	0.23 U	0.23 U	0.56 U	0.0096 U	0.0044 U	0.16 U
1,2,3,4,6,7,8-HpCDD	0.4 U	0.57 U	0.28 U	0.29 U	0.69 U	0.014 U	0.0063 U	0.19 U
OCDD	2.1 U	2.9 U	0.37 U	0.44 U	1.8 U	0.035 U	0.0091 U	0.48 U
2,3,7,8-TCDF	0.068 U	0.198 J	0.084 U	0.072 U	0.15 U	0.0036 U	0.0023 U	0.052 U
1,2,3,7,8-PeCDF	0.081 U	0.086 U	0.1 U	0.087 U	0.18 U	0.0065 U	0.0041 U	0.062 U
2,3,4,7,8-PeCDF	0.081 U	0.148 J	0.11 U	0.09 U	0.18 U	0.0061 U	0.0038 U	0.062 U
1,2,3,4,7,8-HxCDF	0.29 U	0.43 U	0.13 U	0.14 U	0.35 U	0.0065 U	0.003 U	0.11 U
1,2,3,6,7,8-HxCDF	0.27 U	0.41 U	0.12 U	0.13 U	0.34 U	0.0053 U	0.0025 U	0.11 U
2,3,4,6,7,8-HxCDF	0.29 U	0.43 U	0.13 U	0.14 U	1.17 J	0.0058 U	0.0027 U	0.12 U
1,2,3,7,8,9-HxCDF	0.32 U	0.48 U	0.15 U	0.16 U	0.4 U	0.0071 U	0.0033 U	0.13 U
1,2,3,4,6,7,8-HpCDF	1.28 J	1.55 J	0.16 U	1.03 J	9.5	0.0079 U	0.0036 U	0.15 U
1,2,3,4,7,8,9-HpCDF	0.42 U	0.63 U	0.19 U	0.22 U	0.55 U	0.01 U	0.0048 U	0.17 U
OCDF	1.6 U	2.3 U	0.28 U	0.37 U	1.5 U	0.027 U	0.0069 U	0.37 U
TOTAL TCDD	0.095 U	0.074 U	0.12 U	0.11 U	0.13 U	0.006 U	0.004 U	0.075 U
TOTAL PeCDD	0.12 U	0.093 U	0.16 U	0.14 U	0.18 U	0.013 U	0.0086 U	0.094 U
TOTAL HxCDD	0.34 U	0.49 U	0.24 U	0.25 U	0.59 U	0.011 U	0.0049 U	0.16 U
TOTAL HpCDD	0.4 U	0.57 U	0.28 U	0.29 U	0.69 U	0.014 U	0.0063 U	0.19 U
TOTAL TCDF	0.068 U	0.362	0.084 U	0.072 U	0.15 U	0.0036 U	0.0023 U	0.052 U
TOTAL PeCDF	0.081 U	0.701	0.11 U	0.09 U	1.47	0.0065 U	0.0041 U	0.062 U
TOTAL HxCDF	0.32 U	0.48 U	0.15 U	0.74	6.98	0.0071 U	0.0033 U	0.13 U
TOTAL HpCDF	1.28	1.55	0.19 U	1.03	9.5	0.01 U	0.0048 U	0.17 U
Dioxin TEF Lower (calculated) [a]	0.013	0.109	0.000	0.010	0.212	0.000	0.000	0.000
Dioxin TEF Upper (calculated) [b]	0.229	0.338	0.199	0.196	0.526	0.011	0.007	0.131

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
[a] Total toxicity equivalents where nondetects set to zero.
[b] Total toxicity equivalents where nondetects set to half the detection limit.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
DIOXIN/FURAN ANALYSIS

Sample ID	SB 41	SB 41	SB 42	SB 43	SB 44	SB 44	SB 47	SB 48-2
Upper Depth (feet)	2	4	0	2	2	8	4	1
Lower Depth (feet)	4	6	2	4	4	10	6	1.67
Soil/Fill Type	IMP FILL	IMP FILL/PRO FILL/	IMP FILL	IMP FILL	IMP FILL	PRO FILL	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/15/93	9/15/93	9/9/93	9/17/93	10/6/93	10/6/93	9/21/93	9/27/93
Date Analyzed	10/1/93	10/1/93	10/16/93	10/6/93	10/25/93	10/25/93	10/6/93	10/27/93
Remarks					EPA/CDM	EPA/CDM		
Laboratory	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS
2,3,7,8-TCDD	0.011 U	0.043 U	0.81 U	0.0095 U	0.15 U	0.13 U	0.0077 U	0.21 U
1,2,3,7,8-PeCDD	0.022 U	0.082 U	1.2 U	0.02 U	0.2 U	0.18 U	0.02 U	0.26 U
1,2,3,4,7,8-HxCDD	0.016 U	0.054 U	2.1 UJ	0.014 U	0.33 U	0.26 U	0.012 U	0.64 U
1,2,3,6,7,8-HxCDD	0.014 U	0.049 U	2.1 UJ	0.012 U	0.37 U	0.29 U	0.0095 U	0.65 U
1,2,3,7,8,9-HxCDD	0.014 U	0.048 U	2.1 UJ	0.012 U	0.34 U	0.27 U	0.01 U	0.61 U
1,2,3,4,6,7,8-HpCDD	0.019 U	0.065 U	3.4 UJ	0.018 U	0.43 U	0.34 U	0.019 U	0.72 U
OCDD	0.04 U	0.13 U	12 UJ	3.2 J	0.78 U	0.52 U	0.039 U	1.7 U
2,3,7,8-TCDF	0.0066 U	0.028 U	0.61 U	0.0062 U	0.1 U	0.086 U	0.0042 U	0.657 J
1,2,3,7,8-PeCDF	0.01 U	0.045 U	0.85 U	0.011 U	0.12 U	0.1 U	0.0088 U	0.22 U
2,3,4,7,8-PeCDF	0.0086 U	0.163 J	0.87 U	0.011 U	0.13 U	0.11 U	0.0082 U	0.893 J
1,2,3,4,7,8-HxCDF	0.012 U	0.61 J	1.8 UJ	0.0089 U	0.24 U	0.16 U	0.0061 U	2.63 J
1,2,3,6,7,8-HxCDF	0.01 U	0.164 J	1.6 UJ	0.0073 U	0.22 U	0.15 U	0.0063 U	0.49 U
2,3,4,6,7,8-HxCDF	0.011 U	0.327 J	1.9 UJ	0.0079 U	0.24 U	0.16 U	0.006 U	1.15 J
1,2,3,7,8,9-HxCDF	0.013 U	0.042 U	2.3 UJ	0.0098 U	0.26 U	0.18 U	0.0075 U	0.55 U
1,2,3,4,6,7,8-HpCDF	0.014 U	2.05 J	2.9 UJ	0.0166 J	0.3 U	0.2 U	0.011 U	5.74
1,2,3,4,7,8,9-HpCDF	0.018 U	0.058 U	4.1 UJ	0.014 U	0.34 U	0.23 U	0.016 U	0.66 U
OCDF	0.033 U	0.531 J	9.1 UJ	0.084 U	0.6 U	0.4 U	0.029 U	1.2 U
TOTAL TCDD	0.011 U	0.043 U	0.81 U	0.0095 U	0.15 U	0.13 U	0.0077 U	0.21 U
TOTAL PeCDD	0.022 U	0.082 U	1.2 U	0.02 U	0.2 U	0.18 U	0.02 U	0.26 U
TOTAL HxCDD	0.016 U	0.054 U	2.1 UJ	0.014 U	0.37 U	0.29 U	0.012 U	0.65 U
TOTAL HpCDD	0.019 U	0.065 U	3.4 UJ	0.018 U	0.43 U	0.34 U	0.019 U	0.72 U
TOTAL TCDF	0.0066 U	0.347	0.61 U	0.0062 U	0.1 U	0.086 U	0.0042 U	0.657
TOTAL PeCDF	0.01 U	0.651	0.87 U	0.011 U	0.13 U	0.11 U	0.0088 U	3.8
TOTAL HxCDF	0.013 U	2.87	2.3 UJ	0.0254	0.26 U	0.18 U	0.0075 U	9.03
TOTAL HpCDF	0.018 U	2.18	4.1 UJ	0.0166	0.34 U	0.23 U	0.016 U	5.74
Dioxin TEF Lower (calculated) [a]	0.000	0.213	0.000	0.003	0.000	0.000	0.000	0.948
Dioxin TEF Upper (calculated) [b]	0.019	0.267	1.732	0.020	0.272	0.222	0.014	1.278

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
[a] Total toxicity equivalents where nondetects set to zero.
[b] Total toxicity equivalents where nondetects set to half the detection limit.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
DIOXIN/FURAN ANALYSIS

Sample ID	SB 48-2	SB 49	SB 49	SB 49	SB 50	SB 52-1	SB 54	SB 54
Upper Depth (feet)	5	2	6	14	2	10	4	6
Lower Depth (feet)	6	4	8	16	4	12	6	8
Soil/Fill Type	PRO FILL	NATIVE-IMP FILL	NATIVE	PEAT	IMP FILL	PRO FILL	PRO FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/27/93	9/17/93	9/17/93	9/17/93	9/9/93	10/7/93	9/21/93	9/21/93
Date Analyzed	10/21/93	10/6/93	10/6/93	10/6/93	10/16/93	10/26/93	10/6/93	10/6/93
Remarks						EPA/CDM		
Laboratory	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS
2,3,7,8-TCDD	0.14 U	0.0032 U	0.0031 U	0.012 U	0.48 U	0.16 U	0.015 U	0.0054 U
1,2,3,7,8-PeCDD	0.18 U	0.0069 U	0.0066 U	0.026 U	0.66 U	0.22 U	0.037 U	0.014 U
1,2,3,4,7,8-HxCDD	0.49 U	0.0049 U	0.0094 U	0.022 U	1.7 U	0.44 U	0.017 U	0.008 U
1,2,3,6,7,8-HxCDD	0.53 U	0.0042 U	0.008 U	0.019 U	1.8 U	0.47 U	0.014 U	0.0065 U
1,2,3,7,8,9-HxCDD	0.5 U	0.0044 U	0.0084 U	0.02 U	1.7 U	0.46 U	0.015 U	0.0071 U
1,2,3,4,6,7,8-HpCDD	0.67 U	0.0063 U	0.012 U	0.029 U	2.6 U	0.58 U	0.028 U	0.013 U
OCDD	2.2 U	0.108 J	0.018 U	0.05 U	6.7 U	1.3 U	0.0494 J	0.842 J
2,3,7,8-TCDF	0.099 U	0.0019 U	0.0033 U	0.0079 U	0.33 U	0.11 U	0.0079 U	0.0031 U
1,2,3,7,8-PeCDF	0.12 U	0.0036 U	0.0061 U	0.014 U	0.42 U	0.14 U	0.017 U	0.0066 U
2,3,4,7,8-PeCDF	0.12 U	0.0033 U	0.0056 U	0.013 U	0.43 U	0.14 U	0.015 U	0.0061 U
1,2,3,4,7,8-HxCDF	0.33 U	0.0027 U	0.1 J	0.013 U	1.3 U	0.26 U	0.0082 U	0.004 U
1,2,3,6,7,8-HxCDF	0.31 U	0.0022 U	0.0043 U	0.011 U	1.2 U	0.25 U	0.0084 U	0.0041 U
2,3,4,6,7,8-HxCDF	0.33 U	0.0024 U	0.0323 J	0.012 U	1.3 U	0.27 U	0.008 U	0.0039 U
1,2,3,7,8,9-HxCDF	0.37 U	0.003 U	0.0058 U	0.014 U	1.6 U	0.3 U	0.01 U	0.0049 U
1,2,3,4,6,7,8-HpCDF	0.44 U	0.0033 U	1.34 J	0.016 U	1.9 U	0.35 U	0.014 U	0.0069 U
1,2,3,4,7,8,9-HpCDF	0.53 U	0.0044 U	0.0084 U	0.021 U	2.5 U	0.41 U	0.021 U	0.01 U
OCDF	1.7 U	0.0066 U	0.451 J	0.037 U	5.4 U	1 U	0.024 U	0.012 U
TOTAL TCDD	0.14 U	0.0032 U	0.0031 U	0.012 U	0.48 U	0.16 U	0.015 U	0.0054 U
TOTAL PeCDD	0.18 U	0.0069 U	0.0066 U	0.026 U	0.66 U	0.22 U	0.037 U	0.014 U
TOTAL HxCDD	0.53 U	0.0049 U	0.0094 U	0.022 U	1.8 U	0.47 U	0.017 U	0.008 U
TOTAL HpCDD	0.67 U	0.0063 U	0.012 U	0.029 U	2.6 U	0.58 U	0.028 U	0.013 U
TOTAL TCDF	0.099 U	0.0019 U	0.0033 U	0.0079 U	0.33 U	0.11 U	0.0079 U	0.0031 U
TOTAL PeCDF	0.12 U	0.0036 U	0.0061 U	0.014 U	0.43 U	0.14 U	0.017 U	0.0066 U
TOTAL HxCDF	0.37 U	0.003 U	0.132	0.014 U	1.6 U	0.3 U	0.01 U	0.0049 U
TOTAL HpCDF	0.53 U	0.0044 U	1.34	0.021 U	2.5 U	0.41 U	0.021 U	0.01 U
Dioxin TEF Lower (calculated) [a]	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.001
Dioxin TEF Upper (calculated) [b]	0.306	0.006	0.034	0.022	1.111	0.309	0.026	0.011

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
[a] Total toxicity equivalents where nondetects set to zero.
[b] Total toxicity equivalents where nondetects set to half the detection limit.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
DIOXIN/FURAN ANALYSIS

Sample ID	SB 55	SB 58	SB 59	SB 60	SB 60	SB 64	SB 65	SB 68
Upper Depth (feet)	2	2	1	1	6	1	4	2
Lower Depth (feet)	4	4	2	2	8	2	6	4
Soil/Fill Type	IMP FILL	IMP FILL	IMP FILL	IMP FILL	NATIVE	IMP FILL	IMP FILL/NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/17/93	9/17/93	9/17/93	9/17/93	9/20/93	10/7/93	9/10/93
Date Analyzed	9/30/93	10/2/93	10/5/93	10/2/93	10/2/93	10/5/93	10/25/93	9/30/93
Remarks								
Laboratory	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS
2,3,7,8-TCDD	0.015 U	0.0015 U	0.003 U	0.0065 U	0.0057 U	0.031 U	0.12 U	0.018 U
1,2,3,7,8-PeCDD	0.037 U	0.0031 U	0.0064 U	0.014 U	0.012 U	0.059 U	0.17 U	0.046 U
1,2,3,4,7,8-HxCDD	0.018 U	0.0018 U	0.0055 U	0.0078 U	0.016 U	0.036 U	0.23 U	0.023 U
1,2,3,6,7,8-HxCDD	0.014 U	0.0016 U	0.0047 U	0.0067 U	0.014 U	0.033 U	0.26 U	0.017 U
1,2,3,7,8,9-HxCDD	0.015 U	0.0017 U	0.005 U	0.007 U	0.015 U	0.033 U	0.24 U	0.018 U
1,2,3,4,6,7,8-HpCDD	0.022 U	0.0024 U	0.0071 U	0.01 U	0.021 U	0.044 U	0.31 U	0.027 U
OCDD	1.63 J	0.393 J	0.14 J	0.158 J	0.19 U	0.555 J	0.43 U	0.353 J
2,3,7,8-TCDF	0.0091 U	0.00086 U	0.0019 U	0.0034 U	0.0033 U	0.016 U	0.085 U	0.0599 J
1,2,3,7,8-PeCDF	0.019 U	0.0016 U	0.0036 U	0.0063 U	0.006 U	0.025 U	0.1 U	0.023 U
2,3,4,7,8-PeCDF	0.018 U	0.0015 U	0.0033 U	0.0058 U	0.0056 U	0.021 U	0.11 U	0.24 J
1,2,3,4,7,8-HxCDF	0.011 U	0.0011 U	0.0036 U	0.0054 U	0.011 U	0.027 U	0.15 U	0.597 J
1,2,3,6,7,8-HxCDF	0.0091 U	0.00093 U	0.0029 U	0.0044 U	0.0086 U	0.023 U	0.14 U	0.111 J
2,3,4,6,7,8-HxCDF	0.0097 U	0.001 U	0.0032 U	0.0048 U	0.0093 U	0.024 U	0.15 U	0.327 J
1,2,3,7,8,9-HxCDF	0.012 U	0.0012 U	0.0039 U	0.0059 U	0.012 U	0.028 U	0.17 U	0.015 U
1,2,3,4,6,7,8-HpCDF	0.138 J	0.0014 U	0.0043 U	0.0735 J	0.013 U	0.031 U	0.19 U	1.92 J
1,2,3,4,7,8,9-HpCDF	0.016 U	0.0018 U	0.0057 U	0.0087 U	0.017 U	0.039 U	0.22 U	0.02 U
OCDF	0.02 UJ	0.0019 U	0.014 U	0.012 U	0.14 U	0.073 U	0.33 U	0.163 J
TOTAL TCDD	0.015 U	0.0015 U	0.003 U	0.0065 U	0.0057 U	0.031 U	0.12 U	0.018 U
TOTAL PeCDD	0.037 U	0.0031 U	0.0064 U	0.014 U	0.012 U	0.059 U	0.17 U	0.046 U
TOTAL HxCDD	0.018 U	0.0018 U	0.0055 U	0.0078 U	0.016 U	0.036 U	0.26 U	0.023 U
TOTAL HpCDD	0.022 U	0.0024 U	0.0071 U	0.01 U	0.021 U	0.044 U	0.31 U	0.027 U
TOTAL TCDF	0.0185 J	0.00086 U	0.0019 U	0.0034 U	0.0033 U	0.016 U	0.085 U	0.222
TOTAL PeCDF	0.019 U	0.0016 U	0.0036 U	0.0063 U	0.006 U	0.025 U	0.11 U	0.811
TOTAL HxCDF	0.051 J	0.0012 U	0.0039 U	0.0059 U	0.012 U	0.028 U	0.17 U	2.73
TOTAL HpCDF	0.138 J	0.0018 U	0.0057 U	0.0735	0.017 U	0.039 U	0.22 U	2.09
Dioxin TEF Lower (calculated) [a]	0.003	0.000	0.000	0.001	0.000	0.001	0.000	0.249
Dioxin TEF Upper (calculated) [b]	0.030	0.003	0.006	0.012	0.012	0.048	0.208	0.274

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
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[b] Total toxicity equivalents where nondetects set to half the detection limit.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
DIOXIN/FURAN ANALYSIS

Sample ID	SB 68	SB 70	SB 71	SB 71	SB 75	SB 77	SB 77	
Upper Depth (feet)	6	4	2	6	5	1	5.25	
Lower Depth (feet)	8	6	4	8	6	4	8	
Soil/Fill Type	PRO FILL	IMP FILL	IMP FILL	IMP FILL	IMP FILL	IMP FILL	PRO FILL	
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
Date Sampled	9/10/93	9/9/93	9/20/93	9/20/93	10/4/93	9/21/93	9/22/93	
Date Analyzed	9/30/93	10/16/93	10/6/93	10/6/93	10/27/93	10/14/93	10/14/93	
Remarks						EPA/CDM	EPA/CDM	
Laboratory	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	TRIANGLE LABS	
2,3,7,8-TCDD	0.065 U	0.51 U	0.0038 U	0.017 U	7.2	0.058 U	0.066 U	
1,2,3,7,8-PeCDD	0.17 U	0.7 U	0.0098 U	0.043 U	7.11	0.079 U	0.076 U	
1,2,3,4,7,8-HxCDD	0.074 U	1.6 U	0.0094 U	0.031 U	0.045 U	0.085 U	0.097 U	
1,2,3,6,7,8-HxCDD	0.057 U	1.8 U	0.0076 U	0.025 U	18.9	0.084 U	0.097 U	
1,2,3,7,8,9-HxCDD	0.059 U	1.6 U	0.0083 U	0.027 U	0.0725 J	0.083 U	0.095 U	
1,2,3,4,6,7,8-HpCDD	0.088 U	2.2 U	1.13 J	0.05 U	16.2	0.1 U	0.12 U	
OCDD	0.211 J	4.2 U	4.09 J	0.087 U	37.1	0.16 U	0.36 U	
2,3,7,8-TCDF	0.422 J	0.35 U	0.0022 U	0.0088 U	6.79	0.036 U	0.041 U	
1,2,3,7,8-PeCDF	0.449 J	0.45 U	0.0047 U	0.018 U	7.14	0.044 U	0.05 U	
2,3,4,7,8-PeCDF	2.07	0.46 U	0.0043 U	0.017 U	0.02 U	0.047 U	0.052 U	
1,2,3,4,7,8-HxCDF	4.77	1.1 U	0.0043 U	0.016 U	0.031 U	0.056 U	0.088 U	
1,2,3,6,7,8-HxCDF	1.09 J	1 U	0.0044 U	0.017 U	21.6	0.054 U	0.085 U	
2,3,4,6,7,8-HxCDF	3.56 J	1.1 U	0.0042 U	0.016 U	0.031 U	0.058 U	0.09 U	
1,2,3,7,8,9-HxCDF	0.048 U	1.3 U	0.0053 U	0.02 U	0.033 U	0.065 U	0.1 U	
1,2,3,4,6,7,8-HpCDF	9.78	1.6 U	0.0075 U	0.028 U	19.7	0.528	0.12 U	
1,2,3,4,7,8,9-HpCDF	0.063 U	2 U	0.011 U	0.041 U	0.0651 J	0.09 U	0.14 U	
OCDF	0.509 J	3.4 U	0.0777 J	0.065 U	35	0.12 U	0.27 U	
TOTAL TCDD	0.065 U	0.51 U	0.0038 U	0.017 U	7.2	0.06 U	0.06 U	
TOTAL PeCDD	0.17 U	0.7 U	0.0098 U	0.043 U	7.11	0.08 U	0.08 U	
TOTAL HxCDD	0.074 U	1.6 U	0.0094 U	0.031 U	19	0.09 U	0.1 U	
TOTAL HpCDD	0.088 U	2.2 U	1.57	0.05 U	16.2	0.1 U	0.12 U	
TOTAL TCDF	2.05	0.35 U	0.0022 U	0.0088 U	6.79	0.04 U	0.04 U	
TOTAL PeCDF	13.4	0.46 U	0.0047 U	0.018 U	7.28	0.05 U	0.05 U	
TOTAL HxCDF	27.7	1.3 U	0.0053 U	0.02 U	21.5	0.471	0.1 U	
TOTAL HpCDF	10.5	2 U	0.011 U	0.041 U	19.8	0.528	0.14 U	
Dioxin TEF Lower (calculated) [a]	2.140	0.000	0.015	0.000	16.270	0.005	0.000	
Dioxin TEF Upper (calculated) [b]	2.228	1.062	0.023	0.033	16.282	0.094	0.098	

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
[a] Total toxicity equivalents where nondetects set to zero.
[b] Total toxicity equivalents where nondetects set to half the detection limit.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
ASBESTOS ANALYSIS

Sample ID	MW B4	MW G4	MW G4	MW I4	MW J4	MW J4	MW K4-1	MW K4-1
Upper Depth (feet)	8	1	2	0	6	6	2	6
Lower Depth (feet)	10	2	4	4	8	8	4	12
Soil/Fill Type	PRO FILL	IMP FILL	IMP FILL-NATIVE	IMP FILL	PRO FILL	PRO FILL	PRO FILL	PRO FILL
Units	%	%	%	%	%	%	%	%
Date Sampled	8/10/93	8/30/93	8/30/93	8/25/93	8/9/93	8/9/93	7/13/93	7/12/93
Date Analyzed	9/20/93	9/20/93	9/20/93	9/20/93	9/20/93	9/20/93	8/2/93	8/2/93
Remarks						Dup		
Laboratory	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G
Actinolite	ND	ND	ND	ND	ND	ND	ND	ND
Amosite	ND	ND	ND	ND	ND	ND	ND	ND
Anthropholite	ND	ND	ND	ND	ND	ND	ND	ND
Cellulose, high	20	5	5	2	5	10	5	5
Cellulose, low	15	2	2	1	2	5	2	2
Chrysotile	ND							
Chrysotile, high		5	5	10	20	10	10	5
Chrysotile, low		2	2	5	15	5	5	2
Crocidilite	ND	ND	ND	ND	ND	ND	ND	ND
Glass	ND	ND	ND	ND	ND	ND	ND	ND
Glass, high								
Glass, low								
Matrix (Soil), high	85	90	91	94	83	90	93	96
Matrix (Soil), low	80	80	80	88	75	80	85	90
Synthetic	ND	ND	ND	ND	ND	NR	ND	ND
Tremolite	ND	ND	ND	ND	ND	ND	ND	ND
Vermiculite	NR			NR	NR	NR	NR	NR
Vermiculite, high		10	10					
Vermiculite, low		5	5					
Total Asbestos, high	ND	5	5	10	20	10	10	5
Total Asbestos, low	ND	2	2	5	15	5	5	2

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Total Asbestos = Sum of detected fibers.

"high" = Values for high end of reported range

"low" = Values for low end of reported range

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
ASBESTOS ANALYSIS

Sample ID	MW L4	MW M4	MW N4	MW O4	MW V4	MW W4	RYM02	RYM10
Upper Depth (feet)	4	4	4	2	4	2		
Lower Depth (feet)	6	6	6	4	6	4		
Soil/Fill Type	PRO FILL	PRO FILL	IMP FILL	IMP FILL	IMP FILL	PRO FILL	POTHOLE	POTHOLE
Units	%	%	%	%	%	%	%	%
Date Sampled	7/29/93	8/2/93	8/5/93	8/16/93	8/16/93	7/19/93		
Date Analyzed	9/20/93	9/20/93	9/20/93	9/20/93	9/20/93	8/2/93	6/11/93	6/11/93
Remarks								
Laboratory	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G
Actinolite	ND	ND	ND	ND	ND	ND	ND	ND
Amosite	ND	ND	ND	ND	ND	ND	ND	ND
Anthropholite	ND	ND	ND	ND	ND	ND	ND	ND
Cellulose, high	5	5	10	10	5	5	5	5
Cellulose, low	2	2	5	5	2	2	2	2
Chrysotile								
Chrysotile, high	20	10	5	5	10	15	15	20
Chrysotile, low	15	5	2	2	5	10	10	15
Crocidilite	ND	ND	ND	ND	ND	ND	ND	ND
Glass		ND	ND	ND	ND	ND	ND	ND
Glass, high	10							
Glass, low	5							
Matrix (Soil), high	78	93	88	73	93	88	88	83
Matrix (Soil), low	65	85	75	60	85	80	80	75
Synthetic	ND	ND	ND	NR	NR	ND	ND	ND
Tremolite	ND	ND	ND	ND	ND	ND	ND	ND
Vermiculite	NR	NR			NR	NR	NR	NR
Vermiculite, high			10	25				
Vermiculite, low			5	20				
Total Asbestos, high	20	10	5	5	10	15	15	20
Total Asbestos, low	15	5	2	2	5	10	10	15

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Total Asbestos = Sum of detected fibers.

"high" = Values for high end of reported range

"low" = Values for low end of reported range

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
ASBESTOS ANALYSIS

Sample ID	SB 1	SB 4	SB 6	SB 7	SB 7	SB 8	SB 8	SB 9-1
Upper Depth (feet)	4	1	8	4	8	4	8	0
Lower Depth (feet)	6	2	10	6	10	6	10	2
Soil/Fill Type	PRO FILL	IMP FILL	PRO FILL	PRO FILL	PRO FILL	PRO FILL	PRO FILL	IMP FILL-NATIVE
Units	%	%	%	%	%	%	%	%
Date Sampled	8/13/93	9/13/93	9/8/93	9/10/93	9/10/93	8/13/93	8/13/93	9/14/93
Date Analyzed	9/20/93	9/20/93	9/20/93	9/20/93	9/20/93	9/20/93	9/20/93	9/30/93
Remarks								
Laboratory	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G
Actinolite	ND	ND	ND	ND	ND	ND	NR	ND
Amosite	ND	ND	ND	ND	ND	ND	NR	ND
Anthropholite	ND	ND	ND	ND	ND	ND	NR	ND
Cellulose								
Cellulose, high	40	5	10	5	5	20	40	25
Cellulose, low	35	2	5	2	2	15	35	20
Chrysotile				ND				
Chrysotile, high	10	10	10		15	15	10	10
Chrysotile, low	5	5	5		10	10	5	5
Crocidilite	ND	ND	ND	ND	ND	ND	NR	ND
Glass		ND	ND	ND	ND	ND	ND	ND
Glass, high	2							
Glass, low	1							
Matrix (Soil), high	54	93	90	43	88	75	60	75
Matrix (Soil), low	43	85	80	35	80	65	50	65
Synthetic	NR	ND	ND	ND	ND	NR	NR	ND
Tremolite	ND	ND	ND	ND	ND	ND	NR	ND
Vermiculite	NR	NR	NR		NR	NR	NR	NR
Vermiculite, high				60				
Vermiculite, low				55				
Total Asbestos, high	10	10	10	ND	15	15	10	10
Total Asbestos, low	5	5	5	ND	10	10	5	5

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Total Asbestos = Sum of detected fibers.

"high" = Values for high end of reported range

"low" = Values for low end of reported range

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
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RAYMARK INDUSTRIES DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
ASBESTOS ANALYSIS

Sample ID	SB 10	SB 10	SB 12	SB 13	SB 14	SB 15	SB 16	SB 19
Upper Depth (feet)	2	6	6	4	1	1	8	6
Lower Depth (feet)	4	8	8	6	2	2	10	8
Soil/Fill Type	PRO FILL	PRO FILL	PRO FILL	PRO FILL	PRO FILL-NATIVE	IMP FILL	PRO FILL	PRO FILL
Units	%	%	%	%	%	%	%	%
Date Sampled	9/20/93	9/20/93	9/8/93	9/20/93	9/15/93	9/13/93	9/9/93	8/13/93
Date Analyzed	9/30/93	9/30/93	9/20/93	9/30/93	9/30/93	9/20/93	9/20/93	9/20/93
Remarks								
Laboratory	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G
Actinolite	ND	ND	ND	ND	ND	ND	ND	ND
Amosite	ND	ND	ND	ND	ND	ND	ND	ND
Anthropholite	ND	ND	ND	ND	ND	ND	ND	ND
Cellulose								
Cellulose, high	5	5	40	5	5	10	10	35
Cellulose, low	2	2	35	2	2	5	5	30
Chrysotile								
Chrysotile, high	5	5	10	20	15	5	10	10
Chrysotile, low	2	2	5	15	10	2	5	5
Crocidilite	ND	ND	ND	ND	ND	ND	ND	ND
Glass	ND	ND	ND	ND	ND	ND	ND	
Glass, high								5
Glass, low								2
Matrix (Soil), high	96	96	60	83	88	93	90	63
Matrix (Soil), low	90	90	50	75	80	85	80	50
Synthetic	ND	ND	ND	ND	ND	ND	ND	NR
Tremolite	ND	ND	ND	ND	ND	ND	ND	ND
Vermiculite	NR	NR	NR	NR	NR	NR	NR	NR
Vermiculite, high								
Vermiculite, low								
Total Asbestos, high	5	5	10	20	15	5	10	10
Total Asbestos, low	2	2	5	15	10	2	5	5

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Total Asbestos = Sum of detected fibers.

"high" = Values for high end of reported range

"low" = Values for low end of reported range

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
ASBESTOS ANALYSIS

Sample ID	SB 20	SB 20	SB 21	SB 23	SB 24	SB 26	SB 26-1	SB 29
Upper Depth (feet)	4	6	2	3	4	4	0.5	3
Lower Depth (feet)	6	8	4	5	6	8	2	5
Soil/Fill Type	PRO FILL	PRO FILL	PRO FILL	IMP FILL	IMP FILL/PRO FILL	PRO FILL	IMP FILL	IMP FILL
Units	%	%	%	%	%	%	%	%
Date Sampled	9/10/93	9/10/93	9/8/93	10/5/93	9/8/93	9/24/93	9/24/93	10/7/93
Date Analyzed	9/20/93	9/20/93	9/20/93	10/13/93	9/20/93	10/13/93	10/13/93	10/13/93
Remarks						EPA/CDM	EPA/CDM	
Laboratory	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G
Actinolite	ND	ND	ND	ND	ND	ND	ND	ND
Amosite	ND	ND	ND	ND	ND	ND	ND	ND
Anthropholite	ND	ND	ND	ND	ND	ND	ND	ND
Cellulose								
Cellulose, high	5	2	2	10	10	10	10	10
Cellulose, low	2	1	1	5	5	5	5	5
Chrysotile								
Chrysotile, high	10	15	15	15	5	15	20	5
Chrysotile, low	5	10	10	10	2	10	15	2
Crocidilite	ND	ND	ND	ND	ND	ND	ND	ND
Glass	ND	ND	ND	ND		ND	ND	ND
Glass, high					5			
Glass, low					2			
Matrix (Soil), high	93	89	89	85	91	85	80	93
Matrix (Soil), low	85	83	83	75	80	75	70	85
Synthetic	ND	ND	ND	ND	ND	ND	ND	ND
Tremolite	ND	ND	ND	ND	ND	ND	ND	ND
Vermiculite	NR	NR	NR	NR	NR	NR	NR	NR
Vermiculite, high								
Vermiculite, low								
Total Asbestos, high	10	15	15	15	5	15	20	5
Total Asbestos, low	5	10	10	10	2	10	15	2

Notes:
Dup = duplicate
IMP FILL = *imported fill*
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not *reported*

Chemical synonyms reported as received from lab.

Total Asbestos = Sum of detected fibers.

"high" = Values for high end of reported range

"low" = Values for low end of reported range

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
ASBESTOS ANALYSIS

Sample ID	SB 29	SB 30	SB 30	SB 33	SB 38	SB 41	SB 41	SB 42
Upper Depth (feet)	3	0.583	5	1	3	2	4	4
Lower Depth (feet)	5	3	7	2	5	4	6	6
Soil/Fill Type	IMP FILL	IMP FILL	PRO FILL	IMP FILL	IMP FILL	IMP FILL	IMP FILL/PRO FILL/	PRO FILL
Units	%	%	%	%	%	%	%	%
Date Sampled	10/7/93	10/5/93	10/5/93	9/17/93	10/4/93	9/16/93	9/16/93	9/9/93
Date Analyzed	10/13/93	10/13/93	10/13/93	9/30/93	10/13/93	9/30/93	10/13/93	9/20/93
Remarks	Dup							
Laboratory	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G
Actinolite	ND	ND	ND	ND	ND	ND	ND	ND
Amosite	ND	ND	ND	ND	ND	ND	ND	ND
Anthrophollite	ND	ND	ND	ND	ND	ND	ND	ND
Cellulose								
Cellulose, high	5	15	10	5	5	5	5	10
Cellulose, low	2	10	5	2	2	2	2	5
Chrysotile						ND		
Chrysotile, high	5	5	20	10	5		25	15
Chrysotile, low	2	2	15	5	2		20	10
Crocidilite	ND	ND	ND	ND	ND	ND	ND	ND
Glass	ND	ND	ND	ND	ND	ND	ND	ND
Glass, high								
Glass, low								
Matrix (Soil), high	98	80	75	93	94	78	88	85
Matrix (Soil), low	95	70	60	85	85	70	80	75
Synthetic	ND	ND	ND	ND	ND	ND	ND	ND
Tremolite	ND	ND	ND	ND	ND	ND	ND	ND
Vermiculite	NR	NR		NR		NR		NR
Vermiculite, high			10		5		15	
Vermiculite, low			5		2		10	
Total Asbestos, high	5	5	20	10	5	ND	25	15
Total Asbestos, low	2	2	15	5	2	ND	20	10

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Total Asbestos = Sum of detected fibers.

"high" = Values for high end of reported range

"low" = Values for low end of reported range

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 43	SB 44	SB 44	SB 47	SB 48-2	SB 48-2	SB 49	SB 49
Upper Depth (feet)	2	1.5	8	2	1	5	2	8
Lower Depth (feet)	4	4	10	4	2	6	4	9.5
Soil/Fill Type	IMP FILL	IMP FILL	PRO FILL	IMP FILL	IMP FILL	PRO FILL	NATIVE-IMP FILL	NATIVE
Units	%	%	%	%	%	%	%	%
Date Sampled	9/17/93	10/6/93	10/6/93	9/21/93	9/27/93	9/27/93	9/15/93	9/15/93
Date Analyzed	9/30/93	10/13/93	10/13/93	9/30/93	10/13/93	10/13/93	9/30/93	9/30/93
Remarks			EPA/CDM					
Laboratory	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G
Actinolite	ND	ND	ND	ND	ND	ND	ND	ND
Amosite	ND	ND	ND	ND	ND	ND	ND	ND
Anthropholite	ND	ND	ND	ND	ND	ND	ND	ND
Cellulose								ND
Cellulose, high	5	10	2	5	10	10	5	
Cellulose, low	2	5	1	2	5	5	2	
Chrysotile							ND	
Chrysotile, high	5	5	5	5	20	10		10
Chrysotile, low	2	2	2	2	15	5		5
Crocidilite	ND	ND	ND	ND	ND	ND	ND	ND
Glass	ND	ND	ND	ND	ND	ND	ND	ND
Glass, high								
Glass, low								
Matrix (Soil), high	91	91	97	96	80	88	98	95
Matrix (Soil), low	80	75	93	90	70	75	95	90
Synthetic	ND	ND	ND	ND	ND	ND	ND	ND
Tremolite	ND	ND	ND	ND	ND	ND	ND	ND
Vermiculite			NR	NR	NR		NR	NR
Vermiculite, high	10	10				5		
Vermiculite, low	5	5				2		
Total Asbestos, high	5	5	5	5	20	10	ND	10
Total Asbestos, low	2	2	2	2	15	5	ND	5

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Total Asbestos = Sum of detected fibers.

"high" = Values for high end of reported range

"low" = Values for low end of reported range

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES DOCKET NO. 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
ASBESTOS ANALYSIS

Sample ID	SB 50	SB 52-1	SB 54	SB 55	SB 58	SB 59	SB 60	SB 64
Upper Depth (feet)	2	2	4	2	2	1	1	1
Lower Depth (feet)	4	6	6	4	4	2	2	2
Soil/Fill Type	IMP FILL	PRO FILL	PRO FILL	IMP FILL	IMP FILL	IMP FILL	IMP FILL	IMP FILL
Units	%	%	%	%	%	%	%	%
Date Sampled	9/9/93	10/7/93	9/21/93	9/10/93	9/17/93	9/17/93	9/16/93	9/20/93
Date Analyzed	9/20/93	10/13/93	9/30/93	9/20/93	9/30/93	9/30/93	9/30/93	9/30/93
Remarks								
Laboratory	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G
Actinolite	ND	ND	ND	ND	ND	ND	ND	ND
Amosite	ND	ND	ND	ND	ND	ND	ND	ND
Anthropholite	ND	ND	ND	ND	ND	ND	ND	ND
Cellulose								
Cellulose, high	5	5	5	10	5	15	5	5
Cellulose, low	2	2	2	5	2	10	2	2
Chrysotile								
Chrysotile, high	10	15	20	5	5	5	5	10
Chrysotile, low	5	10	15	2	2	2	2	5
Crocidilite	ND	ND	ND	ND	ND	ND	ND	ND
Glass	ND		ND	ND	ND	ND	ND	ND
Glass, high		5						
Glass, low		2						
Matrix (Soil), high	70	86	80	93	96	88	91	91
Matrix (Soil), low	65	75	70	85	90	80	80	80
Synthetic	ND	ND	ND	ND	ND	ND	ND	ND
Tremolite	ND	ND	ND	ND	ND	ND	ND	ND
Vermiculite		NR	NR	NR	NR	NR		
Vermiculite, high	20						10	5
Vermiculite, low	15						5	2
Total Asbestos, high	10	15	20	5	5	5	5	10
Total Asbestos, low	5	10	15	2	2	2	2	5

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Total Asbestos = Sum of detected fibers.

"high" = Values for high end of reported range

"low" = Values for low end of reported range

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

PHASE IIB SOIL ANALYTICAL RESULTS

ASBESTOS ANALYSIS

Sample ID	SB 65	SB 68	SB 68	SB 70	SB 71	SB 71	SB 75	SB 77
Upper Depth (feet)	2	1	4	4	2	6	5	1
Lower Depth (feet)	4	2	6	6	4	8	6	4
Soil/Fill Type	IMP FILL	IMP FILL	IMP FILL-PRO FILL	IMP FILL	IMP FILL	IMP FILL	IMP FILL	IMP FILL
Units	%	%	%	%	%	%	%	%
Date Sampled	10/7/93	9/10/93	9/10/93	9/4/93	9/20/93	9/20/93	10/4/93	9/21/93
Date Analyzed	10/13/93	9/20/93	9/20/93	9/20/93	9/30/93	9/30/93	10/13/93	9/30/93
Remarks								EPA/CDM
Laboratory	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G	EE&G
Actinolite	ND	ND	ND	ND	ND	ND	ND	ND
Amosite	ND	ND	ND	ND	ND	ND	ND	ND
Anthropholite	ND	ND	ND	ND	ND	ND	ND	ND
Cellulose								
Cellulose, high	5	10	10	15	5	15	5	5
Cellulose, low	2	5	5	10	2	10	2	2
Chrysotile					ND		ND	
Chrysotile, high	5	15	10	15		5		10
Chrysotile, low	2	10	5	10		2		5
Crocidilite	ND	ND	ND	ND	ND	ND	ND	ND
Glass	ND	ND	ND	ND	ND	ND	ND	ND
Glass, high								
Glass, low								
Matrix (Soil), high	96	80	90	80	96	86	98	91
Matrix (Soil), low	90	66	80	70	90	75	95	80
Synthetic	ND	ND	ND	ND	ND	ND	ND	ND
Tremolite	ND	ND	ND	ND	ND	ND	ND	ND
Vermiculite	NR		NR	NR	NR		NR	
Vermiculite, high		10				5		5
Vermiculite, low		5				2		2
Total Asbestos, high	5	15	10	15	ND	5	ND	10
Total Asbestos, low	2	10	5	10	ND	2	ND	5

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = *processed fill*
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = *split sample*
Blanks = not reported

Chemical synonyms reported as received from lab.

Total Asbestos = Sum of detected fibers.

"high" = Values for high end of *reported range*

"low" = Values for low end of reported range

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 77								
Upper Depth (feet)	6.25								
Lower Depth (feet)	8								
Soil/Fill Type	PRO FILL								
Units	%								
Date Sampled	9/22/93								
Date Analyzed	9/30/93								
Remarks	EPA/CDM								
Laboratory	EE&G								
Actinolite		ND							
Amosite		ND							
Anthropholite		ND							
Cellulose									
Cellulose, high	20								
Cellulose, low	15								
Chrysotile									
Chrysotile, high	10								
Chrysotile, low	5								
Crocidilite		ND							
Glass		ND							
Glass, high									
Glass, low									
Matrix (Soil), high	80								
Matrix (Soil), low	70								
Synthetic		ND							
Tremolite		ND							
Vermiculite		NR							
Vermiculite, high									
Vermiculite, low									
Total Asbestos, high	10								
Total Asbestos, low	5								

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Total Asbestos = Sum of detected fibers.

"high" = Values for high end of reported range

"low" = Values for low end of reported range

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
SEMIVOLATILE ORGANIC ANALYSIS

Sample ID	MW B4	MW B4	MW G4	MW G4	MW G4	MW G4	MW G4	MW H4
Upper Depth (feet)	4	30	2	10	62	62	84	0
Lower Depth (feet)	8	38	10	16	72	72	90	4
Soil/Fill Type	PRO FILL	NATIVE	NATIVE-IMP FILL	PEAT	NATIVE	NATIVE	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/12/93	8/12/93	8/30/93	8/30/93	8/31/93	8/31/93	9/1/93	7/2/93
Date Analyzed	9/9/93	9/9/93	10/17/93	10/18/93	10/18/93	10/18/93	10/20/93	8/4/93
Remarks						Dup		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Pyridine	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
2-Picoline	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
N-Nitrosomethyl ethylamine	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Methyl methansulfonate	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
N-Nitrosodiethylamine	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Ethyl methanesulfonate	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Pentachloroethane	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Aniline	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Phenol	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	590 J
Bis(2-chloroethyl)ether	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
2-Chlorophenol	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Benzyl alcohol	1500 U	1700 U	1700 U	7200 U	1600 U	1500 U	1600 U	1500 U
o-Cresol	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
bis (2-chloro-1-methylethyl)ether	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Acetophenone	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
N-Nitrosopyrrolidine	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
N-Nitrosomorpholine	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
o-Toluidine	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
N-Nitroso-di-n-propylamine	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Hexachloroethane	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
m & p-Cresol	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Nitrobenzene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
N-Nitrosopiperidine	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Isophorone	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
2-Nitrophenol	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
2,4-Dimethylphenol	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Bis(2-chloroethoxy)methane	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
o,o,o,-Triethylphosphorothioate	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
2,4-Dichlorophenol	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
a,a-Dimethylphenethylamine	1500 U	1700 U	1700 U	7200 U	1600 U	1500 U	1600 U	1500 U
1,2,4-Trichlorobenzene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Naphthalene	800 U	880 U	1300	3700 U	800 U	770 U	810 U	1200
4-Chloroaniline	1500 U	1700 U	1700 U	7200 U	1600 U	1500 U	1600 U	1500 U
2,6-Dichlorophenol	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Hexachloropropene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Hexachlorobutadiene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
p-Phenylenediamine	5200 U	5800 U	5700 U	24000 U	5300 U	5100 U	5300 U	5200 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	MW B4	MW B4	MW G4	MW G4	MW G4	MW G4	MW G4	MW H4
Upper Depth (feet)	4	30	2	10	62	62	84	0
Lower Depth (feet)	8	38	10	16	72	72	90	4
Soil/Fill Type	PRO FILL	NATIVE	NATIVE-IMP FILL	PEAT	NATIVE	NATIVE	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/12/93	8/12/93	8/30/93	8/30/93	8/31/93	8/31/93	9/1/93	7/2/93
Date Analyzed	9/9/93	9/9/93	10/17/93	10/18/93	10/18/93	10/18/93	10/20/93	8/4/93
Remarks						Dup		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
4-Chloro-3-methylphenol	800 U	880 U	870 U	3700 U	800 U	770 U	80 J	780 U
Isosafrole	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
2-Methylnaphthalene	800 U	880 U	1500	3700 U	800 U	770 U	810 U	280 J
1,2,4,5-Tetrachlorobenzene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Hexachlorocyclopentadiene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
2,4,6-Trichlorophenol	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
2,4,5-Trichlorophenol	3600 U	3900 U	3900 U	17000 U	3600 U	3500 U	3600 U	3500 U
Safrole	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
2-Chloronaphthalene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
2-Nitroaniline	3600 U	3900 U	3900 U	17000 U	3600 U	3500 U	3600 U	3500 U
1,4-Naphthoquinone	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Dimethylphthalate	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
m-Dinitrobenzene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Acenaphthylene	800 U	880 U	130 J	3700 U	800 U	770 U	810 U	780 U
2,6-Dinitrotoluene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
3-Nitroaniline	3600 U	3900 U	3900 U	17000 U	3600 U	3500 U	3600 U	3500 U
Acenaphthene	800 U	880 U	720 J	3700 U	800 U	770 U	810 U	780 U
2,4-Dinitrophenol	3600 U	3900 U	3900 U	17000 U	3600 U	3500 U	3600 U	3500 U
4-Nitrophenol	3600 U	3900 U	3900 U	17000 U	3600 U	3500 U	3600 U	3500 U
Dibenzofuran	800 U	880 U	580 J	3700 U	800 U	770 U	810 U	780 U
Pentachlorobenzene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
2,4-Dinitrotoluene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
1-Naphthylamine	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
2-Naphthylamine	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
2,3,4,6-Tetrachlorophenol	1600 U	1700 U	1700 U	7200 U	1600 U	1500 U	1600 U	1500 U
Diethylphthalate	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Fluorene	800 U	880 U	1200	3700 U	800 U	770 U	810 U	780 U
4-Chlorophenyl-phenylether	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
5-Nitro-o-toluidine	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
4-Nitroaniline	3600 U	3900 U	3900 U	17000 U	3600 U	3500 U	3600 U	3500 U
4,6-Dinitro-2-methylphenol	3600 U	3900 U	3900 U	17000 U	3600 U	3500 U	3600 U	3500 U
Diphenylamine	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	520
sym-Trinitrobenzene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780
4-Bromophenyl-phenylether	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780
Phenacetin	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780
Diallate	1500 U	1700 U	1700 U	7200 U	1600 U	1500 U	1600 U	1500
Hexachlorobenzene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
SEMIVOLATILE ORGANIC ANALYSIS

Sample ID	MW B4	MW B4	MW G4	MW G4	MW G4	MW G4	MW G4	MW H4
Upper Depth (feet)	4	30	2	10	62	62	84	0
Lower Depth (feet)	8	38	10	16	72	72	90	4
Soil/Fill Type	PRO FILL	NATIVE	NATIVE-IMP FILL	PEAT	NATIVE	NATIVE	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/12/93	8/12/93	8/30/93	8/30/93	8/31/93	8/31/93	9/1/93	7/2/93
Date Analyzed	9/9/93	9/9/93	10/17/93	10/18/93	10/18/93	10/18/93	10/20/93	8/4/93
Remarks						Dup		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Pentachlorophenol	3600 U	3900 U	3900 U	17000 U	3600 U	3500 U	3600 U	3500 U
Pronamide	1500 U	1700 U	1700 U	7200 U	1600 U	1500 U	1600 U	1500 U
Pentachloronitrobenzene	1500 U	1700 U	1700 U	7200 U	1600 U	1500 U	1600 U	1500 U
Phenanthrene	800 U	880 U	3800	370 J	800 U	770 U	810 U	210 J
Anthracene	800 U	880 U	810 J	3700 U	800 U	770 U	810 U	780 U
Carbazole	800 U	880 U	270 J	3700 U	800 U	770 U	810 U	780 U
Di-n-butylphthalate	800 U	880 U	870 U	3700 U	170 J	770 U	810 U	780 U
4-Nitroquinoline-1-oxide	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	R
Methapyrilene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Isodrin	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Fluoranthene	800 U	880 U	2200	3700 U	800 U	770 U	810 U	180 J
Pyrene	800 U	880 U	1800	3700 U	800 U	770 U	810 U	240 J
Aramite	1500 U	1700 U	1700 U	7200 U	1600 U	1500 U	1600 U	1500 U
p-(Dimethylamino)azobenzene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Chlorobenzilate	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
3,3'-Dimethylbenzidine	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Kepone	1500 U	1700 U	1700 U	7200 U	1600 U	1500 U	1600 U	1500 U
Butylbenzylphthalate	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
2-Acetylaminofluorene	1500 U	1700 U	1700 U	7200 U	1600 U	1500 U	1600 U	1500 U
3,3'-Dichlorobenzidine	1500 U	1700 U	1700 U	7200 U	1600 U	1500 U	1600 U	1500 U
Benzo(a)anthracene	800 U	880 U	810 J	3700 U	800 U	770 U	810 U	92 J
Chrysene	800 U	880 U	970	3700 U	800 U	770 U	810 U	100 J
Bis(2-ethylhexyl)phthalate	800 U	880 U	870 U	3700 U	490 J	380 J	810 U	780 U
Di-n-octylphthalate	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Benzo(b)fluoranthene	800 U	880 U	480 J	3700 U	800 U	770 U	810 U	780 U
7,12-Dimethylbenz(a)anthracene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Benzo(k)fluoranthene	800 U	880 U	530 J	3700 U	800 U	770 U	810 U	780 U
Benzo(a)pyrene	800 U	880 U	610 J	3700 U	800 U	770 U	810 U	780 U
3-Methylcholanthrene	800 U	880 U	870 U	3700 U	800 U	770 U	810 U	780 U
Indeno(1,2,3-cd)pyrene	800 U	880 U	330 J	3700 U	800 U	770 U	810 U	780 U
Dibenzo(a,h)anthracene	800 U	880 U	160 J	3700 U	800 U	770 U	810 U	780 U
Benzo(g,h,i)perylene	800 U	880 U	170 J	3700 U	800 U	770 U	810 U	780 U
Creosote (calculated)								

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	MW B4	MW B4	MW G4	MW G4	MW G4	MW G4	MW G4	MW H4
Upper Depth (feet)	4	30	2	10	62	62	84	0
Lower Depth (feet)	8	38	10	16	72	72	90	4
Soil/Fill Type	PRO FILL	NATIVE	NATIVE-IMP FILL	PEAT	NATIVE	NATIVE	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/12/93	8/12/93	8/30/93	8/30/93	8/31/93	8/31/93	9/1/93	7/2/93
Date Analyzed	9/9/93	9/9/93	10/17/93	10/18/93	10/18/93	10/18/93	10/20/93	8/4/93
Remarks						Dup		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

Sample ID	MW H4	MW H4	MW H4	MW I4	MW I4	MW I4	MW I4	MW J4
Upper Depth (feet)	8	35	44.5	0	22	44	52	2
Lower Depth (feet)	12	39	49	6	28	48	54	8
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	7/2/93	7/2/93	7/2/93	8/25/93	8/25/93	8/26/93	8/26/93	8/11/93
Date Analyzed	8/5/93	8/4/93	8/6/93	9/21/93	9/21/93	10/13/93	10/11/93	9/16/93
Remarks						Reanalysis		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
Pyridine	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
2-Picoline	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
N-Nitrosomethyl-ethylamine	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
Methyl methansulfonate	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
N-Nitrosodiethylamine	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
Ethyl methanesulfonate	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
Pentachloroethane	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
Aniline	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
Phenol	8400	870 U	800 U	760 U	820 U	750 U	740 U	4900
Bis(2-chloroethyl)ether	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
2-Chlorophenol	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
Benzyl alcohol	1600 U	1700 U	1600 U	1500 U	1600 U	1500 U	1400 U	6700 U
o-Cresol	770 J	870 U	800 U	760 U	820 U	750 U	740 U	380 J
bis (2-chloro-1-methylethyl)ether	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
Acetophenone	290 J	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
N-Nitrosopyrrolidine	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
N-Nitrosomorpholine	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
o-Toluidine	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
N-Nitroso-di-n-propylamine	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
Hexachloroethane	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
m & p-Cresol	960	870 U	800 U	760 U	820 U	750 U	740 U	2400 J
Nitrobenzene	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 U
N-Nitrosopiperidine	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 U
Isophorone	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 U
2-Nitrophenol	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 U
2,4-Dimethylphenol	2500	870 UJ	800 U	760 U	820 U	750 U	740 U	13000
Bis(2-chloroethoxy)methane	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 U
o,o,o,-Triethylphosphorothioate	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 U
2,4-Dichlorophenol	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 U
a,a-Dimethylphenethylamine	1600 U	1700 UJ	1600 U	1500 U	1600 U	1500 U	1400 U	6700 U
1,2,4-Trichlorobenzene	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 U
Naphthalene	670 J	870 UJ	800 U	760 U	820 U	750 U	740 U	3500 J
4-Chloroaniline	1600 U	1700 UJ	1600 U	1500 U	1600 U	1500 U	1400 U	6700 U
2,6-Dichlorophenol	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 U
Hexachloropropene	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 U
Hexachlorobutadiene	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 U
p-Phenylenediamine	5300 U	5700 UJ	5300 U	5000 U	5400 U	4900 U	4900 U	23000 U

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
SEMIVOLATILE ORGANIC ANALYSIS

Sample ID	MW H4	MW H4	MW H4	MW I4	MW I4	MW I4	MW I4	MW J4
Upper Depth (feet)	8	35	44.5	0	22	44	52	2
Lower Depth (feet)	12	39	49	6	28	48	54	8
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	7/2/93	7/2/93	7/2/93	8/25/93	8/25/93	8/26/93	8/26/93	8/11/93
Date Analyzed	8/5/93	8/4/93	8/6/93	9/21/93	9/21/93	10/13/93	10/11/93	9/16/93
Remarks						Reanalysis		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 UJ
4-Chloro-3-methylphenol	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 U
Isosafrole	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 UJ
2-Methylnaphthalene	150 J	870 UJ	800 U	760 U	820 U	750 U	740 U	1500 J
1,2,4,5-Tetrachlorobenzene	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 UJ
Hexachlorocyclopentadiene	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 UJ
2,4,6-Trichlorophenol	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 U
2,4,5-Trichlorophenol	3600 U	3900 U	3600 U	3400 U	3700 U	3400 U	3300 U	15000 U
Safrole	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 UJ
2-Chloronaphthalene	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 UJ
2-Nitroaniline	3600 U	3900 U	3600 U	3400 U	3700 U	3400 U	3300 U	15000 UJ
1,4-Naphthoquinone	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 UJ
Dimethylphthalate	810 U	870 U	800 U	760 U	820 U	83 J	740 U	3400 UJ
m-Dinitrobenzene	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 UJ
Acenaphthylene	810 U	870 U	800 U	760 U	820 U	76 J	740 U	3400 UJ
2,6-Dinitrotoluene	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 UJ
3-Nitroaniline	3600 U	3900 U	3600 U	3400 U	3700 U	3400 U	3300 U	15000 UJ
Acenaphthene	810 U	870 U	800 U	760 U	820 U	98 J	740 U	4000 J
2,4-Dinitrophenol	3600 U	3900 U	3600 U	3400 U	3700 U	3400 U	3300 U	15000 U
4-Nitrophenol	3600 U	3900 U	3600 U	3400 U	3700 U	3400 U	3300 U	15000 U
Dibenzofuran	810 U	870 U	800 U	760 U	820 U	110 J	740 U	3900 J
Pentachlorobenzene	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 UJ
2,4-Dinitrotoluene	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 UJ
1-Naphthylamine	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 UJ
2-Naphthylamine	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 UJ
2,3,4,6-Tetrachlorophenol	1600 U	1700 U	1600 U	1500 U	1600 U	1500 U	1400 U	6700 U
Diethylphthalate	810 U	870 U	800 U	760 U	820 U	91 J	740 U	3400 UJ
Fluorene	810 U	870 U	800 U	760 U	820 U	130 J	740 U	7300 J
4-Chlorophenyl-phenylether	810 U	870 U	800 U	760 U	820 U	110 J	740 U	3400 UJ
5-Nitro-o-toluidine	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 UJ
4-Nitroaniline	3600 U	3900 U	3600 U	3400 U	3700 U	3400 U	3300 U	15000 UJ
4,6-Dinitro-2-methylphenol	3600 U	3900 UJ	3600 U	3400 U	3700 U	3400 U	3300 U	15000 U
Diphenylamine	490 J	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 UJ
sym-Trinitrobenzene	810 U	870 UJ	800 U	760 U	820 U	750 U	740 UJ	3400 UJ
4-Bromophenyl-phenylether	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 UJ
Phenacetin	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 UJ
Diallate	1600 U	1700 UJ	1600 U	1500 U	1600 U	1500 U	1400 U	6700 UJ
Hexachlorobenzene	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 UJ

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
SEMIVOLATILE ORGANIC ANALYSIS

Sample ID	MW H4	MW H4	MW H4	MW I4	MW I4	MW I4	MW I4	MW J4
Upper Depth (feet)	8	35	44.5	0	22	44	52	2
Lower Depth (feet)	12	39	49	6	28	48	54	8
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	7/2/93	7/2/93	7/2/93	8/25/93	8/25/93	8/26/93	8/26/93	8/11/93
Date Analyzed	8/5/93	8/4/93	8/6/93	9/21/93	9/21/93	10/13/93	10/11/93	9/16/93
Remarks						Reanalysis		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 UJ
Pentachlorophenol	3600 U	3900 UJ	3600 U	3400 U	3700 U	3400 U	3300 U	15000 U
Pronamide	1600 U	1700 UJ	1600 U	1500 U	1600 U	1500 U	1400 U	6700 UJ
Pentachloronitrobenzene	1600 U	1700 UJ	1600 U	1500 U	1600 U	1500 U	1400 U	6700 UJ
Phenanthrene	300 J	870 UJ	800 U	760 U	820 U	180 J	740 U	44000 J
Anthracene	810 U	870 UJ	800 U	760 U	820 U	150 J	740 U	13000 J
Carbazole	810 U	870 UJ	800 U	760 U	820 U	93 J	740 U	7100 J
Di-n-butylphthalate	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 UJ
4-Nitroquinoline-1-oxide	R	R	R	760 U	820 U	750 U	740 UJ	3400 UJ
Methapyrilene	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 UJ
Isodrin	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 UJ
Fluoranthene	150 J	870 UJ	800 U	760 U	820 U	84 J	740 U	48000 J
Pyrene	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	39000 J
Aramite	1600 U	1700 UJ	1600 U	1500 U	1600 U	1500 U	1400 U	6700 UJ
p-(Dimethylamino)azobenzene	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 UJ
Chlorobenzilate	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 UJ
3,3'-Dimethylbenzidine	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 UJ
Kepone	1600 U	1700 UJ	1600 U	1500 U	1600 U	1500 U	1400 UJ	6700 UJ
Butylbenzylphthalate	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	3400 UJ
2-Acetylaminofluorene	1600 U	1700 UJ	1600 U	1500 U	1600 U	1500 U	1400 U	6700 UJ
3,3'-Dichlorobenzidine	1600 U	1700 UJ	1600 U	1500 U	1600 U	1500 U	1400 U	6700 UJ
Benzo(a)anthracene	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	24000 J
Chrysene	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	21000 J
Bis(2-ethylhexyl)phthalate	810 U	870 UJ	800 U	760 U	820 U	750 U	740 U	440 J
Di-n-octylphthalate	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 UJ
Benzo(b)fluoranthene	810 U	870 U	800 U	760 U	820 U	750 U	740 U	20000 J
7,12-Dimethylbenz(a)anthracene	810 U	870 U	800 U	760 U	820 U	750 U	740 U	3400 UJ
Benzo(k)fluoranthene	810 U	870 U	800 U	760 U	820 U	750 U	740 U	11000 J
Benzo(a)pyrene	810 U	870 U	800 U	760 U	820 U	750 U	740 U	18000 J
3-Methylcholanthrene	810 U	870 U	800 U	760 U	820 U	750 U	740 U	750 J
Indeno(1,2,3-cd)pyrene	810 U	870 U	800 U	760 U	820 U	750 U	740 U	11000 J
Dibenzo(a,h)anthracene	810 U	870 U	800 U	760 U	820 U	750 U	740 U	5000 J
Benzo(g,h,i)perylene	810 U	870 U	800 U	760 U	820 U	750 U	740 U	6700 J
Creosote (calculated)						1.9 J		

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	MW H4	MW H4	MW H4	MW I4	MW I4	MW I4	MW I4	MW J4
Upper Depth (feet)	8	35	44.5	0	22	44	52	2
Lower Depth (feet)	12	39	49	6	28	48	54	8
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	7/2/93	7/2/93	7/2/93	8/25/93	8/25/93	8/26/93	8/26/93	8/11/93
Date Analyzed	8/5/93	8/4/93	8/6/93	9/21/93	9/21/93	10/13/93	10/11/93	9/16/93
Remarks						Reanalysis		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
SEMIVOLATILE ORGANIC ANALYSIS

Sample ID	MW J4	MW J4	MW J4	MW J4	MW K4	MW K4	MW K4-1	MW K4-1
Upper Depth (feet)	2	18	36	68	6	36	2	2
Lower Depth (feet)	8	22	40	74	12	42	4	4
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	NATIVE	PRO FILL	NATIVE	PRO FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/11/93	8/11/93	8/11/93	8/11/93	6/30/93	6/30/93	7/13/93	7/13/93
Date Analyzed	9/16/93	9/9/93	9/14/93	9/14/93	8/5/93	7/22/93	8/27/93	8/10/93
Remarks	Dup							Dup
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	11000 UJ	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Pyridine	11000 UJ	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
2-Picoline	11000 UJ	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
N-Nitrosomethyl-ethylamine	11000 UJ	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Methyl methansulfonate	11000 UJ	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
N-Nitrosodiethylamine	11000 UJ	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Ethyl methanesulfonate	11000 UJ	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Pentachloroethane	11000 UJ	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Aniline	11000 UJ	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Phenol	2200 J	110 J	9300 J	860 U	930 J	840 U	9600	16000
Bis(2-chloroethyl)ether	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
2-Chlorophenol	11000 U	840 U	R	860 U	970 U	840 U	940 U	1100 U
Benzyl alcohol	21000 U	1600 U	R	1700 U	1900 U	1600 U	1800 U	2100 U
o-Cresol	11000 U	840 U	R	860 U	970 U	840 U	88 J	99 J
bis (2-chloro-1-methylethyl)ether	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Acetophenone	11000 U	120 J	2600 J	860 UJ	3400	510 J	210 J	300 J
N-Nitrosopyrrolidine	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
N-Nitrosomorpholine	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
o-Toluidine	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
N-Nitroso-di-n-propylamine	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Hexachloroethane	11000 U	840 UJ	8800 UJ	860 U	970 U	840 U	940 U	1100 U
m & p-Cresol	3000 J	840 U	R	860 U	970 U	840 U	120 J	120 J
Nitrobenzene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
N-Nitrosopiperidine	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Isophorone	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
2-Nitrophenol	11000 U	840 U	R	860 U	970 U	840 U	940 U	1100 U
2,4-Dimethylphenol	17000	840 U	R	860 U	970 U	840 U	940 U	1100 U
Bis(2-chloroethoxy)methane	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
o,o,o,-Triethylphosphorothioate	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
2,4-Dichlorophenol	11000 U	840 U	8800 U	860 U	970 U	840 U	940 U	1100 U
a,a-Dimethylphenethylamine	21000 U	1600 UJ	17000 UJ	1700 UJ	1900 U	1600 U	1800 U	2100 U
1,2,4-Trichlorobenzene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Naphthalene	17000	840 UJ	8800 UJ	860 UJ	110 J	840 U	180 J	140 J
4-Chloroaniline	21000 U	1600 UJ	17000 UJ	1700 UJ	1900 U	1600 U	1800 U	2100 U
2,6-Dichlorophenol	11000 U	840 U	R	860 U	970 U	840 U	940 U	1100 U
Hexachloropropene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Hexachlorobutadiene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
p-Phenylenediamine	71000 U	5500 UJ	58000 UJ	5600 UJ	6400 U	5500 U	6200 U	7100 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	MW J4	MW J4	MW J4	MW J4	MW K4	MW K4	MW K4-1	MW K4-1
Upper Depth (feet)	2	18	36	68	6	36	2	2
Lower Depth (feet)	8	22	40	74	12	42	4	4
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	NATIVE	PRO FILL	NATIVE	PRO FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/11/93	8/11/93	8/11/93	8/11/93	6/30/93	6/30/93	7/13/93	7/13/93
Date Analyzed	9/16/93	9/9/93	9/14/93	9/14/93	8/5/93	7/22/93	8/27/93	8/10/93
Remarks	Dup							Dup
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
4-Chloro-3-methylphenol	11000 U	840 U	R	860 U	970 U	840 U	940 U	1100 U
Isosafrole	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
2-Methylnaphthalene	7600 J	160 J	8800 UJ	860 UJ	970 U	840 U	96 J	1100 U
1,2,4,5-Tetrachlorobenzene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Hexachlorocyclopentadiene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
2,4,6-Trichlorophenol	11000 U	840 U	R	860 U	970 U	840 U	940 U	1100 U
2,4,5-Trichlorophenol	48000 U	3800 U	R	3800 U	4300 U	3800 U	4200 U	4900 U
Safrole	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
2-Chloronaphthalene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
2-Nitroaniline	48000 U	3800 UJ	39000 UJ	3800 UJ	4300 U	3800 U	4200 U	4900 U
1,4-Naphthoquinone	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Dimethylphthalate	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
m-Dinitrobenzene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Acenaphthylene	1300 J	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
2,6-Dinitrotoluene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
3-Nitroaniline	48000 U	3800 UJ	39000 UJ	3800 UJ	4300 U	3800 U	4200 U	4900 U
Acenaphthene	18000	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
2,4-Dinitrophenol	48000 U	3800 U	R	3800 U	4300 U	3800 U	4200 U	4900 U
4-Nitrophenol	48000 U	3800 U	R	3800 U	4300 U	3800 U	4200 U	4900 U
Dibenzofuran	20000	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Pentachlorobenzene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
2,4-Dinitrotoluene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
1-Naphthylamine	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
2-Naphthylamine	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
2,3,4,6-Tetrachlorophenol	21000 U	1600 U	R	1700 U	1900 U	1600 U	1800 U	2100 U
Diethylphthalate	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Fluorene	34000	840 UJ	8800 UJ	860 UJ	87 J	840 U	940 U	1100 U
4-Chlorophenyl-phenylether	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
5-Nitro-o-toluidine	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
4-Nitroaniline	48000 U	3800 UJ	39000 UJ	3800 UJ	4300 U	3800 U	4200 U	4900 U
4,6-Dinitro-2-methylphenol	48000 U	3800 U	R	3800 U	4300 U	3800 U	4200 U	4900 U
Diphenylamine	11000 U	840 UJ	8800 UJ	860 UJ	260 J	840 U	110 J	1100 U
sym-Trinitrobenzene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	R	940 U	1100 U
4-Bromophenyl-phenylether	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Phenacetin	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Diallate	21000 U	1600 UJ	17000 UJ	1700 UJ	1900 U	1600 U	1800 U	2100 U
Hexachlorobenzene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	MW J4	MW J4	MW J4	MW J4	MW K4	MW K4	MW K4-1	MW K4-1
Upper Depth (feet)	2	18	36	68	6	36	2	2
Lower Depth (feet)	8	22	40	74	12	42	4	4
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	NATIVE	PRO FILL	NATIVE	PRO FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/11/93	8/11/93	8/11/93	8/11/93	6/30/93	6/30/93	7/13/93	7/13/93
Date Analyzed	9/16/93	9/9/93	9/14/93	9/14/93	8/5/93	7/22/93	8/27/93	8/10/93
Remarks	Dup							Dup
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Pentachlorophenol	48000 U	3800 U	R	3800 U	4300 U	3800 U	100 J	370 J
Pronamide	21000 U	1600 UJ	17000 UJ	1700 UJ	1900 U	1600 U	1800 U	2100 U
Pentachloronitrobenzene	21000 U	1600 UJ	17000 UJ	1700 UJ	1900 U	1600 U	1800 U	2100 U
Phenanthrene	150000	330 J	1300 J	860 UJ	270 J	840 U	820 J	700 J
Anthracene	45000	840 UJ	8800 UJ	860 UJ	970 U	840 U	120 J	120 J
Carbazole	22000	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Di-n-butylphthalate	11000 U	93 J	8800 UJ	860 UJ	110 J	840 U	940 U	1100 U
4-Nitroquinoline-1-oxide	11000 U	840 UJ	8800 UJ	860 UJ	970 U	R	940 U	1100 U
Methapyrilene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Isodrin	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Fluoranthene	130000	840 UJ	1300 J	860 UJ	270 J	840 U	1300	880 J
Pyrene	120000	84 J	1300 J	860 UJ	420 J	840 U	960	1000 J
Aramite	21000 U	1600 UJ	17000 UJ	1700 UJ	1900 U	1600 U	1800 U	2100 U
p-(Dimethylamino)azobenzene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Chlorobenzilate	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
3,3'-Dimethylbenzidine	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Kepone	21000 U	1600 UJ	17000 UJ	1700 UJ	1900 U	1600 U	1800 U	2100 U
Butylbenzylphthalate	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
2-Acetylaminofluorene	21000 U	1600 UJ	17000 UJ	1700 UJ	270 J	1600 U	1800 U	2100 U
3,3'-Dichlorobenzidine	21000 U	1600 UJ	17000 UJ	1700 UJ	1900 U	1600 U	1800 U	2100 U
Benzo(a)anthracene	67000	840 UJ	8800 UJ	860 UJ	150 J	840 U	560 J	410 J
Chrysene	57000	840 UJ	8800 UJ	860 UJ	160 J	840 U	580 J	390 J
Bis(2-ethylhexyl)phthalate	11000 U	680 J	8800 UJ	170 J	970 U	840 U	190 J	120 J
Di-n-octylphthalate	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Benzo(b)fluoranthene	44000	840 UJ	8800 UJ	860 UJ	120 J	840 U	440 J	320 J
7,12-Dimethylbenz(a)anthracene	11000 U	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Benzo(k)fluoranthene	34000	840 UJ	8800 UJ	860 UJ	970 U	840 U	330 J	200 J
Benzo(a)pyrene	47000	840 UJ	8800 UJ	860 UJ	160 J	840 U	500 J	330 J
3-Methylcholanthrene	1300 J	840 UJ	8800 UJ	860 UJ	970 U	840 U	940 U	1100 U
Indeno(1,2,3-cd)pyrene	26000	840 UJ	8800 UJ	860 UJ	190 J	840 U	340 J	1100 U
Dibenzo(a,h)anthracene	12000	840 UJ	8800 UJ	860 UJ	130 J	840 U	190 J	1100 U
Benzo(g,h,i)perylene	15000	840 UJ	8800 UJ	860 UJ	200 J	840 U	250 J	1100 U
Creosote (calculated)								

Sample ID	MW J4	MW J4	MW J4	MW J4	MW K4	MW K4	MW K4-1	MW K4-1
Upper Depth (feet)	2	18	36	68	6	36	2	2
Lower Depth (feet)	8	22	40	74	12	42	4	4
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	NATIVE	PRO FILL	NATIVE	PRO FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/11/93	8/11/93	8/11/93	8/11/93	6/30/93	6/30/93	7/13/93	7/13/93
Date Analyzed	9/16/93	9/9/93	9/14/93	9/14/93	8/5/93	7/22/93	8/27/93	8/10/93
Remarks	Dup							Dup
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

Sample ID	MW K4-1	MW K4-1	MW L4	MW L4	MW L4	MW L4	MW M4	MW M4
Upper Depth (feet)	6	6	2	22	36	36	4	8
Lower Depth (feet)	12	12	8	30	46	46	8	14
Soil/Fill Type	PRO FILL	PRO FILL	PRO FILL	NATIVE	NATIVE	NATIVE	PRO FILL-PEAT	PEAT
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	7/12/93	7/12/93	7/19/93	7/29/93	7/29/93	7/29/93	8/5/93	8/5/93
Date Analyzed	8/10/93	8/10/93	8/13/93	8/13/93	8/16/93	8/16/93	9/1/93	9/1/93
Remarks		Dup of MW K4-1 6-12				Dup		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Pyridine	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
2-Picoline	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
N-Nitrosomethyl-ethylamine	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Methyl methansulfonate	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
N-Nitrosodiethylamine	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Ethyl methanesulfonate	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Pentachloroethane	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Aniline	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Phenol	960 U	220 J	870 U	770 U	740 U	740 U	6600	4400 U
Bis(2-chloroethyl)ether	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
2-Chlorophenol	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Benzyl alcohol	1900 U	1600 U	1700 U	1500 U	1400 U	1400 U	4300 U	8600 U
o-Cresol	960 U	780 U	870 U	770 U	740 U	740 U	580 J	4400 U
bis (2-chloro-1-methylethyl)ether	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Acetophenone	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
N-Nitrosopyrrolidine	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
N-Nitrosomorpholine	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
o-Toluidine	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
N-Nitroso-di-n-propylamine	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Hexachloroethane	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
m & p-Cresol	960 U	780 U	870 U	770 U	740 U	740 U	870 J	4400 U
Nitrobenzene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
N-Nitrosopiperidine	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Isophorone	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
2-Nitrophenol	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
2,4-Dimethylphenol	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Bis(2-chloroethoxy)methane	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
o,o,o,-Triethylphosphorothioate	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
2,4-Dichlorophenol	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
a,a-Dimethylphenethylamine	1900 U	1500 U	1700 U	1500 U	1400 U	1400 U	4300 U	8600 U
1,2,4-Trichlorobenzene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Naphthalene	960 U	780 U	870 U	1300	740 U	740 U	1300 J	4500
4-Chloroaniline	1900 U	1500 U	1700 U	1500 U	1400 U	1400 U	4300 U	8600 U
2,6-Dichlorophenol	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Hexachloropropene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Hexachlorobutadiene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
p-Phenylenediamine	6300 U	5100 U	5700 U	5000 U	4800 U	4900 U	15000 U	29000 U

Sample ID	MW K4-1	MW K4-1	MW L4	MW L4	MW L4	MW L4	MW M4	MW M4
Upper Depth (feet)	6	6	2	22	36	36	4	8
Lower Depth (feet)	12	12	8	30	46	46	8	14
Soil/Fill Type	PRO FILL	PRO FILL	PRO FILL	NATIVE	NATIVE	NATIVE	PRO FILL-PEAT	PEAT
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	7/12/93	7/12/93	7/19/93	7/29/93	7/29/93	7/29/93	8/5/93	8/5/93
Date Analyzed	8/10/93	8/10/93	8/13/93	8/13/93	8/16/93	8/16/93	9/1/93	9/1/93
Remarks		Dup of MW K4-1 6-12				Dup		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
4-Chloro-3-methylphenol	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Isosafrole	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
2-Methylnaphthalene	960 U	780 U	870 U	2800	740 U	740 U	1800 J	5600
1,2,4,5-Tetrachlorobenzene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Hexachlorocyclopentadiene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
2,4,6-Trichlorophenol	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
2,4,5-Trichlorophenol	4300 U	3500 U	3900 U	3400 U	3300 U	3300 U	9900 U	20000 U
Safrole	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
2-Chloronaphthalene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
2-Nitroaniline	4300 U	3500 U	3900 U	3400 U	3300 U	3300 U	9900 U	20000 U
1,4-Naphthoquinone	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Dimethylphthalate	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
m-Dinitrobenzene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Acenaphthylene	960 U	780 U	190 J	110 J	740 U	740 U	470 J	960 J
2,6-Dinitrotoluene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
3-Nitroaniline	4300 U	3500 U	3900 U	3400 U	3300 U	3300 U	9900 U	20000 U
Acenaphthene	960 U	780 U	220 J	530 J	740 U	740 U	410 J	4100 J
2,4-Dinitrophenol	4300 U	3500 U	3900 U	3400 U	3300 U	3300 U	9900 U	20000 U
4-Nitrophenol	4300 U	3500 U	3900 U	3400 U	3300 U	3300 U	9900 U	20000 U
Dibenzofuran	960 U	780 U	870 U	380 J	740 U	740 U	420 J	4800
Pentachlorobenzene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
2,4-Dinitrotoluene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
1-Naphthylamine	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
2-Naphthylamine	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
2,3,4,6-Tetrachlorophenol	1900 U	1500 U	1700 U	1500 U	1400 U	1400 U	4300 U	8600 U
Diethylphthalate	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Fluorene	960 U	780 U	230 J	1400	740 U	740 U	910 J	6600
4-Chlorophenyl-phenylether	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
5-Nitro-o-toluidine	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
4-Nitroaniline	4300 U	3500 U	3900 U	3400 U	3300 U	3300 U	9900 U	20000 U
4,6-Dinitro-2-methylphenol	4300 U	3500 U	3900 U	3400 U	3300 U	3300 U	9900 U	20000 U
Diphenylamine	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
sym-Trinitrobenzene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
4-Bromophenyl-phenylether	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Phenacetin	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Diallate	1900 U	1500 U	1700 U	1500 U	1400 U	1400 U	4300 U	8600 U
Hexachlorobenzene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U

Sample ID	MW K4-1	MW K4-1	MW L4	MW L4	MW L4	MW L4	MW M4	MW M4
Upper Depth (feet)	6	6	2	22	36	36	4	8
Lower Depth (feet)	12	12	8	30	46	46	8	14
Soil/Fill Type	PRO FILL	PRO FILL	PRO FILL	NATIVE	NATIVE	NATIVE	PRO FILL-PEAT	PEAT
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	7/12/93	7/12/93	7/19/93	7/29/93	7/29/93	7/29/93	8/5/93	8/5/93
Date Analyzed	8/10/93	8/10/93	8/13/93	8/13/93	8/16/93	8/16/93	9/1/93	9/1/93
Remarks		Dup of MW K4-1 6-12				Dup		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Pentachlorophenol	4300 U	150 J	3900 U	3400 U	3300 U	3300 U	9900 U	20000 U
Pronamide	1900 U	1500 U	1700 U	1500 U	1400 U	1400 U	4300 U	8600 U
Pentachloronitrobenzene	1900 U	1500 U	1700 U	1500 U	1400 U	1400 U	4300 U	8600 U
Phenanthrene	960 U	780 U	2000	3900	69 J	740 U	2800	20000
Anthracene	960 U	780 U	470 J	650 J	740 U	740 U	640 J	4800
Carbazole	960 U	780 U	130 J	770 U	740 U	740 U	270 J	1800 J
Di-n-butylphthalate	960 U	780 U	87 J	73 J	740 U	740 U	1500 J	4400 U
4-Nitroquinoline-1-oxide	R	R	870 U	770 U	740 U	740 U	2200 U	4400 U
Methapyrilene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Isodrin	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Fluoranthene	960 U	780 U	3500	1900	740 U	740 U	3100	14000
Pyrene	960 U	130 J	3000	2200	740 U	740 U	2700	13000
Aramite	1900 U	1500 U	1700 U	1500 U	1400 U	1400 U	4300 U	8600 U
p-(Dimethylamino)azobenzene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Chlorobenzilate	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
3,3'-Dimethylbenzidine	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Kepone	1900 U	1500 U	1700 U	1500 U	1400 U	1400 U	4300 U	8600 U
Butylbenzylphthalate	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
2-Acetylaminofluorene	1900 U	1500 U	1700 U	1500 U	1400 U	1400 U	4300 U	8600 U
3,3'-Dichlorobenzidine	1900 U	1500 U	1700 U	1500 U	1400 U	1400 U	4300 U	8600 U
Benzo(a)anthracene	960 U	780 U	1700	920	740 U	740 U	1500 J	8000
Chrysene	960 U	780 U	1600	910	740 U	740 U	2200 J	6300
Bis(2-ethylhexyl)phthalate	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Di-n-octylphthalate	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Benzo(b)fluoranthene	960 U	780 U	1800	470 J	740 U	740 U	2200 J	4500
7,12-Dimethylbenz(a)anthracene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Benzo(k)fluoranthene	960 U	780 U	960	480 J	740 U	740 U	1900 J	3300 J
Benzo(a)pyrene	960 U	780 U	1600	530 J	740 U	740 U	2200 J	4100 J
3-Methylcholanthrene	960 U	780 U	870 U	770 U	740 U	740 U	2200 U	4400 U
Indeno(1,2,3-cd)pyrene	960 U	780 U	940	260 J	740 U	740 U	1800 J	2300 J
Dibenzo(a,h)anthracene	960 U	780 U	470 J	140 J	740 U	740 U	850 J	1400 J
Benzo(g,h,i)perylene	960 U	780 U	340 J	120 J	740 U	740 U	760 J	4400 U
Creosote (calculated)								

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
SEMIVOLATILE ORGANIC ANALYSIS

Sample ID	MW K4-1	MW K4-1	MW L4	MW L4	MW L4	MW L4	MW M4	MW M4
Upper Depth (feet)	6	6	2	22	36	36	4	8
Lower Depth (feet)	12	12	8	30	46	46	8	14
Soil/Fill Type	PRO FILL	PRO FILL	PRO FILL	NATIVE	NATIVE	NATIVE	PRO FILL-PEAT	PEAT
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	7/12/93	7/12/93	7/19/93	7/29/93	7/29/93	7/29/93	8/5/93	8/5/93
Date Analyzed	8/10/93	8/10/93	8/13/93	8/13/93	8/16/93	8/16/93	9/1/93	9/1/93
Remarks		Dup of MW K4-1 6-12				Dup		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

Sample ID	MW M4	MW M4	MW N4	MW N4	MW N4	MW O4	MW O4	MW O4
Upper Depth (feet)	34	52	0	10	22	2	18	34
Lower Depth (feet)	42	60	4	16	28	8	26	40
Soil/Fill Type	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/5/93	8/5/93	8/6/93	8/6/93	8/6/93	8/16/93	8/18/93	8/18/93
Date Analyzed	8/30/93	8/30/93	8/31/93	8/31/93	9/1/93	9/20/93	9/20/93	9/20/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Pyridine	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
2-Picoline	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
N-Nitrosomethyl ethylamine	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Methyl methansulfonate	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
N-Nitrosodiethylamine	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Ethyl methanesulfonate	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Pentachloroethane	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Aniline	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Phenol	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Bis(2-chloroethyl)ether	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
2-Chlorophenol	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Benzyl alcohol	1400 U	1500 U	1400 U	1400 U	1500 U	1300 U	1400 U	1500 U
o-Cresol	740 U	790 U	720 U	730 U	770 U	680 U	160 J	85 J
bis (2-chloro-1-methylethyl)ether	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Acetophenone	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
N-Nitrosopyrrolidine	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
N-Nitrosomorpholine	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
o-Toluidine	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
N-Nitroso-di-n-propylamine	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Hexachloroethane	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
m & p-Cresol	740 U	790 U	720 U	730 U	770 U	680 U	180 J	70 J
Nitrobenzene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
N-Nitrosopiperidine	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Isophorone	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
2-Nitrophenol	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
2,4-Dimethylphenol	740 U	790 U	720 U	270 J	770 U	680 U	720 U	770 U
Bis(2-chloroethoxy)methane	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
o,o,o,-Triethylphosphorothioate	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
2,4-Dichlorophenol	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
a,a-Dimethylphenethylamine	1400 U	1500 U	1400 U	1400 U	1500 U	1300 U	1400 U	1500 U
1,2,4-Trichlorobenzene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Naphthalene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
4-Chloroaniline	1400 U	1500 U	1400 U	1400 U	1500 U	1300 U	1400 U	1500 U
2,6-Dichlorophenol	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Hexachloropropene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Hexachlorobutadiene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
p-Phenylenediamine	4900 U	5200 U	4700 U	4800 U	5100 U	4500 U	4800 U	5000 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	MW M4	MW M4	MW N4	MW N4	MW N4	MW O4	MW O4	MW O4
Upper Depth (feet)	34	52	0	10	22	2	18	34
Lower Depth (feet)	42	60	4	16	28	8	26	40
Soil/Fill Type	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/5/93	8/5/93	8/6/93	8/6/93	8/6/93	8/16/93	8/18/93	8/18/93
Date Analyzed	8/30/93	8/30/93	8/31/93	8/31/93	9/1/93	9/20/93	9/20/93	9/20/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
4-Chloro-3-methylphenol	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Isosafrole	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
2-Methylnaphthalene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
1,2,4,5-Tetrachlorobenzene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Hexachlorocyclopentadiene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
2,4,6-Trichlorophenol	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
2,4,5-Trichlorophenol	3300 U	3500 U	3200 U	3300 U	3500 U	3100 U	3200 U	3400 U
Safrole	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
2-Chloronaphthalene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
2-Nitroaniline	3300 U	3500 U	3200 U	3300 U	3500 U	3100 U	3200 U	3400 U
1,4-Naphthoquinone	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Dimethylphthalate	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
m-Dinitrobenzene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Acenaphthylene	740 U	790 U	71 J	730 U	770 U	680 U	720 U	770 U
2,6-Dinitrotoluene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
3-Nitroaniline	3300 U	3500 U	3200 U	3300 U	3500 U	3100 U	3200 U	3400 U
Acenaphthene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
2,4-Dinitrophenol	3300 U	3500 U	3200 U	3300 U	3500 U	3100 U	3200 U	3400 U
4-Nitrophenol	3300 U	3500 U	3200 U	3300 U	3500 U	3100 U	3200 U	3400 U
Dibenzofuran	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Pentachlorobenzene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
2,4-Dinitrotoluene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
1-Naphthylamine	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
2-Naphthylamine	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
2,3,4,6-Tetrachlorophenol	1400 U	1500 U	1400 U	1400 U	1500 U	1300 U	1400 U	1500 U
Diethylphthalate	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Fluorene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
4-Chlorophenyl-phenylether	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
5-Nitro-o-toluidine	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
4-Nitroaniline	3300 U	3500 U	3200 U	3300 U	3500 U	3100 U	3200 U	3400 U
4,6-Dinitro-2-methylphenol	3300 U	3500 U	3200 U	3300 U	3500 U	3100 U	3200 U	3400 U
Diphenylamine	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
sym-Trinitrobenzene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
4-Bromophenyl-phenylether	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Phenacetin	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Diallate	1400 U	1500 U	1400 U	1400 U	1500 U	1300 U	1400 U	1500 U
Hexachlorobenzene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U

Sample ID	MW M4	MW M4	MW N4	MW N4	MW N4	MW O4	MW O4	MW O4
Upper Depth (feet)	34	52	0	10	22	2	18	34
Lower Depth (feet)	42	60	4	16	28	8	26	40
Soil/Fill Type	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/5/93	8/5/93	8/6/93	8/6/93	8/6/93	8/16/93	8/18/93	8/18/93
Date Analyzed	8/30/93	8/30/93	8/31/93	8/31/93	9/1/93	9/20/93	9/20/93	9/20/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Pentachlorophenol	3300 U	3500 U	3200 U	3300 U	3500 U	3100 U	3200 U	3400 U
Pronamide	1400 U	1500 U	1400 U	1400 U	1500 U	1300 U	1400 U	1500 U
Pentachloronitrobenzene	1400 U	1500 U	1400 U	1400 U	1500 U	1300 U	1400 U	1500 U
Phenanthrene	740 U	790 U	220 J	730 U	770 U	680 U	720 U	770 U
Anthracene	740 U	790 U	68 J	730 U	770 U	680 U	720 U	770 U
Carbazole	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Di-n-butylphthalate	740 U	74 J	73 J	72 J	770 U	680 U	720 U	770 U
4-Nitroquinoline-1-oxide	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Methapyrilene	740 U	790 U	720 U	730 U	770 U	680 U	170 J	770 U
Isodrin	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Fluoranthene	740 U	790 U	450 J	730 U	770 U	74 J	720 U	770 U
Pyrene	740 U	790 U	480 J	730 U	770 U	76 J	720 U	770 U
Aramite	1400 U	1500 U	1400 U	1400 U	1500 U	1300 U	1400 U	1500 U
p-(Dimethylamino)azobenzene	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Chlorobenzilate	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
3,3'-Dimethylbenzidine	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Kepone	1400 U	1500 U	1400 U	1400 U	1500 U	1300 U	1400 U	1500 U
Butylbenzylphthalate	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
2-Acetylaminofluorene	1400 U	1500 U	1400 U	1400 U	1500 U	1300 U	1400 U	1500 U
3,3'-Dichlorobenzidine	1400 U	1500 U	1400 U	1400 U	1500 U	1300 U	71 J	1500 U
Benzo(a)anthracene	740 U	790 U	290 J	730 U	770 U	380 U	410 U	770 U
Chrysene	740 U	790 U	330 J	730 U	770 U	460 U	490 U	770 U
Bis(2-ethylhexyl)phthalate	740 U	790 U	88 J	730 U	770 U	530 J	240 J	320 J
Di-n-octylphthalate	740 U	790 U	720 U	730 U	770 U	680 U	720 U	770 U
Benzo(b)fluoranthene	740 U	790 U	280 J	730 U	770 U	450 U	480 U	770 U
7,12-Dimethylbenz(a)anthracene	740 U	790 U	720 U	730 U	770 U	390 U	420 U	770 U
Benzo(k)fluoranthene	740 U	790 U	250 J	730 U	770 U	560 U	600 U	770 U
Benzo(a)pyrene	740 U	790 U	310 J	730 U	770 U	440 U	470 U	770 U
3-Methylcholanthrene	740 U	790 U	720 U	730 U	770 U	680 U	250 U	770 U
Indeno(1,2,3-cd)pyrene	740 U	790 U	190 J	730 U	770 U	770 U	820 U	770 U
Dibenzo(a,h)anthracene	740 U	790 U	93 J	730 U	770 U	770 U	820 U	770 U
Benzo(g,h,i)perylene	740 U	790 U	93 J	730 U	770 U	920 U	980 U	770 U
Creosote (calculated)								

Sample ID	MW M4	MW M4	MW N4	MW N4	MW N4	MW O4	MW O4	MW O4
Upper Depth (feet)	34	52	0	10	22	2	18	34
Lower Depth (feet)	42	60	4	18	28	8	26	40
Soil/Fill Type	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/5/93	8/5/93	8/6/93	8/6/93	8/6/93	8/16/93	8/18/93	8/18/93
Date Analyzed	8/30/93	8/30/93	8/31/93	8/31/93	9/1/93	9/20/93	9/20/93	9/20/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

Sample ID	MW V4	MW V4	MW V4	MW W4	MW W4			
Upper Depth (feet)	4	14	52	2	8.5			
Lower Depth (feet)	8	20	58	8	14			
Soil/Fill Type	IMP FILL	NATIVE	NATIVE	PRO FILL	NATIVE			
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG			
Date Sampled	8/17/93	8/16/93	8/18/93	7/19/93	7/19/93			
Date Analyzed	9/17/93	9/21/93	9/21/93	8/18/93	8/11/93			
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC			
N-Nitrosodimethylamine	1500 U	790 U	780 U	2900 U	790 U			
Pyridine	1500 U	790 U	780 U	2900 U	790 U			
2-Picoline	1500 U	790 U	780 U	2900 U	790 U			
N-Nitrosomethyl-ethylamine	1500 U	790 U	780 U	2900 U	790 U			
Methyl methansulfonate	1500 U	790 U	780 U	2900 U	790 U			
N-Nitrosodiethylamine	1500 U	790 U	780 U	2900 U	790 U			
Ethyl methanesulfonate	1500 U	790 U	780 U	2900 U	790 U			
Pentachloroethane	1500 U	790 U	780 U	2900 U	790 U			
Aniline	1500 U	790 U	780 U	2900 U	790 U			
Phenol	9000 U	790 U	780 U	3300	790 U			
Bis(2-chloroethyl)ether	1500 U	790 U	780 U	2900 U	790 U			
2-Chlorophenol	1500 U	790 U	780 U	2900 U	790 U			
Benzyl alcohol	3000 U	1500 U	1500 U	5700 U	1500 U			
o-Cresol	1500 U	94 J	780 U	2900 U	790 U			
bis (2-chloro-1-methylethyl)ether	1500 U	790 U	780 U	2900 U	790 U			
Acetophenone	1500 U	790 U	780 U	2900 U	790 U			
N-Nitrosopyrrolidine	1500 U	790 U	780 U	2900 U	790 U			
N-Nitrosomorpholine	1500 U	790 U	780 U	2900 U	790 U			
o-Toluidine	1500 U	790 U	780 U	2900 U	790 U			
N-Nitroso-di-n-propylamine	1500 U	790 U	780 U	2900 U	790 U			
Hexachloroethane	1500 U	790 U	780 U	2900 U	790 U			
m & p-Cresol	1500 U	790 U	780 U	2900 U	790 U			
Nitrobenzene	1500 U	790 U	780 U	2900 U	790 U			
N-Nitrosopiperidine	1500 U	790 U	780 U	2900 U	790 U			
Isophorone	1500 U	790 U	780 U	2900 U	790 U			
2-Nitrophenol	1500 U	790 U	780 U	2900 U	790 U			
2,4-Dimethylphenol	1500 U	790 U	780 U	510 J	790 U			
Bis(2-chloroethoxy)methane	1500 U	790 U	780 U	2900 U	790 U			
o,o,o,-Triethylphosphorothioate	1500 U	790 U	780 U	2900 U	790 U			
2,4-Dichlorophenol	1500 U	790 U	780 U	2900 U	790 U			
a,a-Dimethylphenethylamine	3000 U	1500 U	1500 U	5700 U	1500 U			
1,2,4-Trichlorobenzene	1500 U	790 U	780 U	2900 U	790 U			
Naphthalene	340 J	79 J	780 U	690 J	790 U			
4-Chloroaniline	3000 U	1500 U	1500 U	5700 U	1500 U			
2,6-Dichlorophenol	1500 U	790 U	780 U	2900 U	790 U			
Hexachloropropene	1500 U	790 U	780 U	2900 U	790 U			
Hexachlorobutadiene	1500 U	790 U	780 U	2900 U	790 U			
p-Phenylenediamine	10000 U	5200 U	5100 U	19000 U	5200 U			

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
SEMIVOLATILE ORGANIC ANALYSIS

Sample ID	MW V4	MW V4	MW V4	MW W4	MW W4			
Upper Depth (feet)	4	14	62	2	8.5			
Lower Depth (feet)	8	20	58	8	14			
Soil/Fill Type	IMP FILL	NATIVE	NATIVE	PRO FILL	NATIVE			
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG			
Date Sampled	8/17/93	8/16/93	8/18/93	7/19/93	7/19/93			
Date Analyzed	9/17/93	9/21/93	9/21/93	8/18/93	8/11/93			
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC			
N-Nitrosodi-n-butylamine	1500 U	790 U	780 U	2900 U	790 U			
4-Chloro-3-methylphenol	1500 U	790 U	780 U	2900 U	790 U			
Isosafrole	1500 U	790 U	780 U	2900 U	790 U			
2-Methylnaphthalene	2500	500 J	780 U	1600 J	790 U			
1,2,4,5-Tetrachlorobenzene	1500 U	790 U	780 U	2900 U	790 U			
Hexachlorocyclopentadiene	1500 U	790 U	780 U	2900 U	790 U			
2,4,6-Trichlorophenol	1500 U	790 U	780 U	2900 U	790 U			
2,4,5-Trichlorophenol	6900 U	3500 U	3500 U	13000 U	3500 U			
Safrole	1500 U	790 U	780 U	2900 U	790 U			
2-Chloronaphthalene	1500 U	790 U	780 U	2900 U	790 U			
2-Nitroaniline	6900 U	3500 U	3500 U	13000 U	3500 U			
1,4-Naphthoquinone	1500 U	790 U	780 U	2900 U	790 U			
Dimethylphthalate	1500 U	790 U	780 U	2900 U	790 U			
m-Dinitrobenzene	1500 U	790 U	780 U	2900 U	790 U			
Acenaphthylene	1500 U	790 U	780 U	1400 J	790 U			
2,6-Dinitrotoluene	1500 U	790 U	780 U	2900 U	790 U			
3-Nitroaniline	6900 U	3500 U	3500 U	13000 U	3500 U			
Acenaphthene	1500 U	790 U	780 U	3300	790 U			
2,4-Dinitrophenol	6900 U	3500 U	3500 U	13000 U	3500 U			
4-Nitrophenol	6900 U	3500 U	3500 U	13000 U	3500 U			
Dibenzofuran	1500 U	790 U	780 U	3500	790 U			
Pentachlorobenzene	1500 U	790 U	780 U	2900 U	790 U			
2,4-Dinitrotoluene	1500 U	790 U	780 U	2900 U	790 U			
1-Naphthylamine	1500 U	790 U	780 U	2900 U	790 U			
2-Naphthylamine	1500 U	790 U	780 U	2900 U	790 U			
2,3,4,6-Tetrachlorophenol	3000 U	1500 U	1500 U	5700 U	1500 U			
Diethylphthalate	1500 U	790 U	780 U	2900 U	790 U			
Fluorene	270 J	790 U	780 U	5700	790 U			
4-Chlorophenyl-phenylether	1500 U	790 U	780 U	2900 U	790 U			
5-Nitro-o-toluidine	1500 U	790 U	780 U	2900 U	790 U			
4-Nitroaniline	6900 U	3500 U	3500 U	13000 U	3500 U			
4,6-Dinitro-2-methylphenol	6900 U	3500 U	3500 U	13000 U	3500 U			
Diphenylamine	1500 U	790 U	780 U	2900 U	790 U			
sym-Trinitrobenzene	1500 U	790 U	780 U	2900 U	790 U			
4-Bromophenyl-phenylether	1500 U	790 U	780 U	2900 U	790 U			
Phenacetin	1500 U	790 U	780 U	2900 U	790 U			
Diallate	3000 U	1500 U	1500 U	5700 U	1500 U			
Hexachlorobenzene	1500 U	790 U	780 U	2900 U	790 U			

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	MW V4	MW V4	MW V4	MW W4	MW W4			
Upper Depth (feet)	4	14	52	2	8.5			
Lower Depth (feet)	8	20	58	8	14			
Soil/Fill Type	IMP FILL	NATIVE	NATIVE	PRO FILL	NATIVE			
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG			
Date Sampled	8/17/93	8/16/93	8/18/93	7/19/93	7/19/93			
Date Analyzed	9/17/93	9/21/93	9/21/93	8/18/93	8/11/93			
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC			
4-Aminobiphenyl	1500 U	790 U	780 U	2900 U	790 U			
Pentachlorophenol	6900 U	3500 U	3500 U	13000 U	3500 U			
Pronamide	3000 U	1500 U	1500 U	5700 U	1500 U			
Pentachloronitrobenzene	3000 U	1500 U	1500 U	5700 U	1500 U			
Phenanthrene	480 J	90 J	780 U	43000	360 J			
Anthracene	1500 U	790 U	780 U	5800	790 U			
Carbazole	1500 U	790 U	780 U	4900	790 U			
Di-n-butylphthalate	1500 U	790 U	780 U	2900 U	110 J			
4-Nitroquinoline-1-oxide	1500 U	790 U	780 U	2900 U	790 U			
Methapyrilene	1500 U	790 U	780 U	2900 U	790 U			
Isodrin	1500 U	790 U	780 U	2900 U	790 U			
Fluoranthene	190 J	790 U	780 U	34000	270 J			
Pyrene	190 J	790 U	780 U	33000	240 J			
Aramite	3000 U	1500 U	1500 U	5700 U	1500 U			
p-(Dimethylamino)azobenzene	1500 U	790 U	780 U	2900 U	790 U			
Chlorobenzilate	1500 U	790 U	780 U	2900 U	790 U			
3,3'-Dimethylbenzidine	1500 U	790 U	780 U	2900 U	790 U			
Kepone	3000 U	1500 U	1500 U	5700 U	1500 U			
Butylbenzylphthalate	1500 U	790 U	780 U	2900 U	790 U			
2-Acetylaminofluorene	3000 U	1500 U	1500 U	5700 U	1500 U			
3,3'-Dichlorobenzidine	3000 U	1500 U	1500 U	5700 U	1500 U			
Benzo(a)anthracene	1500 U	790 U	780 U	13000	100 J			
Chrysene	160 J	790 U	780 U	12000	130 J			
Bis(2-ethylhexyl)phthalate	280 J	140 J	780 U	2900 U	830			
Di-n-octylphthalate	1500 U	790 U	780 U	2900 U	790 U			
Benzo(b)fluoranthene	130 J	790 U	780 U	11000	74 J			
7,12-Dimethylbenz(a)anthracene	1500 U	790 U	780 U	2900 U	790 U			
Benzo(k)fluoranthene	99 J	790 U	780 U	4300	93 J			
Benzo(a)pyrene	88 J	790 U	780 U	7900	86 J			
3-Methylcholanthrene	1500 U	790 U	780 U	2900 U	790 U			
Indeno(1,2,3-cd)pyrene	85 J	790 U	780 U	6600	80 J			
Dibenzo(a,h)anthracene	1500 U	790 U	780 U	3500	790 U			
Benzo(g,h,i)perylene	1500 U	790 U	780 U	4900	790 U			
Creosote (calculated)								

Sample ID	MW V4	MW V4	MW V4	MW W4	MW W4			
Upper Depth (feet)	4	14	52	2	8.5			
Lower Depth (feet)	8	20	58	8	14			
Soil/Fill Type	IMP FILL	NATIVE	NATIVE	PRO FILL	NATIVE			
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG			
Date Sampled	8/17/93	8/18/93	8/18/93	7/19/93	7/19/93			
Date Analyzed	9/17/93	9/21/93	9/21/93	8/18/93	8/11/93			
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC			

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
SEMIVOLATILE ORGANIC ANALYSIS

Sample ID	SB 1	SB 1	SB 1	SB 4	SB 4	SB 4	SB 6	SB 6
Upper Depth (feet)	2	8	8	2	8	8.5	4	14
Lower Depth (feet)	6	14	14	4	8.5	10	10	16
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	PRO FILL	NATIVE	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/16/93	8/16/93	8/16/93	9/13/93	9/13/93	9/13/93	9/8/93	9/8/93
Date Analyzed	9/15/93	9/16/93	9/16/93	10/19/93	10/19/93	10/19/93	10/17/93	10/17/93
Remarks			Dup					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Pyridine	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
2-Picoline	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
N-Nitrosomethyl ethylamine	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Methyl methansulfonate	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
N-Nitrosodiethylamine	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Ethyl methanesulfonate	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Pentachloroethane	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Aniline	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Phenol	6600	790 U	850 U	770 J	7900 J	150 J	9000	890 U
Bis(2-chloroethyl)ether	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
2-Chlorophenol	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Benzyl alcohol	3200 U	1600 U	1600 U	2200 U	17000 U	1400 U	1900 U	1700 U
o-Cresol	1300 J	790 U	850 U	1200 U	1900 J	700 U	970 U	890 U
bis (2-chloro-1-methylethyl)ether	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Acetophenone	350 J	790 U	850 U	1400	8900 U	300 J	330 J	890 U
N-Nitrosopyrrolidine	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
N-Nitrosomorpholine	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
o-Toluidine	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
N-Nitroso-di-n-propylamine	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Hexachloroethane	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
m & p-Cresol	1200 J	790 U	850 U	620 J	7100 J	97 J	970 U	890 U
Nitrobenzene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
N-Nitrosopiperidine	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Isophorone	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
2-Nitrophenol	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
2,4-Dimethylphenol	2200	790 U	850 U	260 J	62000	660 J	970 U	890 U
Bis(2-chloroethoxy)methane	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
o,o,o,-Triethylphosphorothioate	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
2,4-Dichlorophenol	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
a,a-Dimethylphenethylamine	3200 U	1600 U	1600 U	2200 U	17000 U	1400 U	1900 U	1700 U
1,2,4-Trichlorobenzene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Naphthalene	190 J	790 U	850 U	1200 U	7600 J	700 U	970 U	890 U
4-Chloroaniline	3200 U	1600 U	1600 U	2200 U	17000 U	1400 U	1900 U	1700 U
2,6-Dichlorophenol	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Hexachloropropene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Hexachlorobutadiene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
p-Phenylenediamine	11000 U	5200 U	5600 U	7600 U	58000 U	4600 U	6400 UJ	5900 UJ

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
SEMIVOLATILE ORGANIC ANALYSIS

Sample ID	SB 1	SB 1	SB 1	SB 4	SB 4	SB 4	SB 6	SB 6
Upper Depth (feet)	2	8	8	2	8	8.5	4	14
Lower Depth (feet)	6	14	14	4	8.5	10	10	16
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	PRO FILL	NATIVE	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/16/93	8/16/93	8/16/93	9/13/93	9/13/93	9/13/93	9/8/93	9/8/93
Date Analyzed	9/16/93	9/16/93	9/16/93	10/19/93	10/19/93	10/19/93	10/17/93	10/17/93
Remarks			Dup					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
4-Chloro-3-methylphenol	1600 U	790 U	850 U	270 J	6700 J	180 J	970 U	890 U
Isosafrole	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
2-Methylnaphthalene	190 J	790 U	850 U	1200 U	31000	240 J	970 U	890 U
1,2,4,5-Tetrachlorobenzene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Hexachlorocyclopentadiene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
2,4,6-Trichlorophenol	1600 U	790 U	850 U	290 J	6600 J	200 J	970 U	890 U
2,4,5-Trichlorophenol	7300 U	3500 U	3800 U	260 J	6400 J	320 J	4300 U	4000 U
Safrole	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
2-Chloronaphthalene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
2-Nitroaniline	7300 U	3500 U	3800 U	5200 U	40000 U	3100 U	4300 U	4000 U
1,4-Naphthoquinone	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Dimethylphthalate	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
m-Dinitrobenzene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Acenaphthylene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
2,6-Dinitrotoluene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
3-Nitroaniline	7300 U	3500 U	3800 U	5200 U	40000 U	3100 U	4300 U	4000 U
Acenaphthene	1600 U	790 U	850 U	1200 U	3200 J	700 U	970 U	890 U
2,4-Dinitrophenol	7300 U	3500 U	3800 U	5200 U	40000 U	3100 U	4300 U	4000 U
4-Nitrophenol	7300 U	3500 U	3800 U	5200 U	40000 U	3100 U	4300 U	4000 U
Dibenzofuran	1600 U	790 U	850 U	1200 U	1900 J	700 U	970 U	890 U
Pentachlorobenzene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
2,4-Dinitrotoluene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
1-Naphthylamine	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
2-Naphthylamine	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
2,3,4,6-Tetrachlorophenol	3200 U	1600 U	1600 U	2200 U	17000 U	1400 U	1900 U	1700 U
Diethylphthalate	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Fluorene	1600 U	790 U	850 U	1200 U	3300 J	700 U	970 U	890 U
4-Chlorophenyl-phenylether	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
5-Nitro-o-toluidine	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
4-Nitroaniline	7300 U	3500 U	3800 U	5200 U	40000 U	3100 U	4300 U	4000 U
4,6-Dinitro-2-methylphenol	7300 U	3500 U	3800 U	5200 U	40000 U	3100 U	4300 U	4000 U
Diphenylamine	1600 U	790 U	850 U	1200 U	8900 U	700 U	310 J	890 U
sym-Trinitrobenzene	1600 U	790 U	850 U	R	R	R	970 U	890 U
4-Bromophenyl-phenylether	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Phenacetin	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Diallate	3200 U	1600 U	1600 U	2200 U	17000 U	1400 U	1900 U	1700 U
Hexachlorobenzene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 1	SB 1	SB 1	SB 4	SB 4	SB 4	SB 6	SB 6
Upper Depth (feet)	2	8	8	2	8	8.5	4	14
Lower Depth (feet)	6	14	14	4	8.5	10	10	16
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	PRO FILL	NATIVE	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/16/93	8/16/93	8/16/93	9/13/93	9/13/93	9/13/93	9/8/93	9/8/93
Date Analyzed	9/16/93	9/16/93	9/16/93	10/19/93	10/19/93	10/19/93	10/17/93	10/17/93
Remarks			Dup					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Pentachlorophenol	250 J	3500 U	3800 U	850 J	6600 J	410 J	4300 U	4000 U
Pronamide	3200 U	1500 U	1600 U	2200 U	17000 U	1400 U	1900 U	1700 U
Pentachloronitrobenzene	3200 U	1500 U	1600 U	2200 U	17000 U	1400 U	1900 U	1700 U
Phenanthrene	210 J	790 U	850 U	1200 U	8800 J	100 J	510 J	890 U
Anthracene	1600 U	790 U	850 U	1200 U	1300 J	700 U	170 J	890 U
Carbazole	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Di-n-butylphthalate	210 J	790 U	850 U	1200 U	8900 U	700 U	970 U	190 J
4-Nitroquinoline-1-oxide	1600 U	790 U	850 U	R	R	R	970 U	890 U
Methapyrilene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Isodrin	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Fluoranthene	1600 U	790 U	850 U	110 J	1800 J	700 U	850 J	890 U
Pyrene	1600 U	790 U	850 U	270 J	2300 J	700 U	500 J	890 U
Aramite	3200 U	1500 U	1600 U	2200 U	17000 U	1400 U	1900 U	1700 U
p-(Dimethylamino)azobenzene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Chlorobenzilate	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
3,3'-Dimethylbenzidine	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Kepone	3200 U	1500 U	1600 U	R	R	R	1900 U	1700 U
Butylbenzylphthalate	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
2-Acetylaminofluorene	3200 U	1500 U	1600 U	2200 U	17000 U	1400 U	1900 U	1700 U
3,3'-Dichlorobenzidine	3200 U	1500 U	1600 U	2200 U	17000 U	1400 U	1900 U	1700 U
Benzo(a)anthracene	1600 U	790 U	850 U	1200 U	8900 U	700 U	510 J	890 U
Chrysene	1600 U	790 U	850 U	170 J	1000 J	700 U	970 J	890 U
Bis(2-ethylhexyl)phthalate	1300 J	790 U	850 U	2000	1700 J	110 J	970 U	890 U
Di-n-octylphthalate	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Benzo(b)fluoranthene	1600 U	790 U	850 U	1200 U	8900 U	700 U	680 J	69 J
7,12-Dimethylbenz(a)anthracene	1600 U	790 U	850 U	1200 UJ	8900 UJ	700 UJ	970 U	890 U
Benzo(k)fluoranthene	1600 U	790 U	850 U	1200 U	8900 U	700 U	260 J	120 J
Benzo(a)pyrene	1600 U	790 U	850 U	1200 U	8900 U	700 U	370 J	130 J
3-Methylcholanthrene	1600 U	790 U	850 U	1200 U	8900 U	700 U	970 U	890 U
Indeno(1,2,3-cd)pyrene	1600 U	790 U	850 U	1200 U	8900 U	700 U	420 J	190 J
Dibenzo(a,h)anthracene	1600 U	790 U	850 U	1200 U	8900 U	700 U	360 J	210 J
Benzo(g,h,i)perylene	1600 U	790 U	850 U	1200 U	8900 U	700 U	440 J	260 J
Creosote (calculated)								

Sample ID	SB 1	SB 1	SB 1	SB 4	SB 4	SB 4	SB 6	SB 6
Upper Depth (feet)	2	8	8	2	8	8.5	4	14
Lower Depth (feet)	6	14	14	4	8.5	10	10	16
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	PRO FILL	NATIVE	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/16/93	8/16/93	8/16/93	9/13/93	9/13/93	9/13/93	9/8/93	9/8/93
Date Analyzed	9/15/93	9/16/93	9/16/93	10/19/93	10/19/93	10/19/93	10/17/93	10/17/93
Remarks			Dup					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

Sample ID	SB 7	SB 7	SB 7	SB 8	SB 8	SB 9-1	SB 9-1	SB 9-1
Upper Depth (feet)	1	8	12	4	12	0	0	4
Lower Depth (feet)	4	12	16	10	18	2	2	6
Soil/Fill Type	IMP FILL-PRO FILL	PRO FILL	NATIVE	PRO FILL	PEAT-NATIVE	IMP FILL-NATIVE	IMP FILL-NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	9/10/93	8/16/93	8/16/93	9/14/93	9/14/93	9/14/93
Date Analyzed	10/19/93	10/25/93	10/20/93	9/16/93	9/16/93	10/27/93	10/27/93	10/27/93
Remarks							Dup of SB 9-1 0-2	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Pyridine	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
2-Picoline	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
N-Nitrosomethyl-ethylamine	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Methyl methansulfonate	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
N-Nitrosodiethylamine	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Ethyl methanesulfonate	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Pentachloroethane	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Aniline	2000 U	39000 U	780 U	340 J	820 U	880 U	820 U	710 U
Phenol	880 J	9600 J	260 J	10000	820 U	360 J	550 J	68 J
Bis(2-chloroethyl)ether	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
2-Chlorophenol	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Benzyl alcohol	3800 U	76000 U	1500 U	2000 U	1600 U	1700 U	1600 U	1400 U
o-Cresol	990 J	56000	1500	1400	820 U	880 U	820 U	710 U
bis (2-chloro-1-methylethyl)ether	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Acetophenone	2000 U	39000 U	780 U	1000 U	820 U	880 U	230 J	710 U
N-Nitrosopyrrolidine	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
N-Nitrosomorpholine	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
o-Toluidine	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
N-Nitroso-di-n-propylamine	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Hexachloroethane	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
m & p-Cresol	9200	630000	9700	2400	820 U	880 U	93 J	710 U
Nitrobenzene	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
N-Nitrosopiperidine	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Isophorone	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
2-Nitrophenol	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
2,4-Dimethylphenol	25000	590000	11000	8500	820 U	100 J	820 U	710 U
Bis(2-chloroethoxy)methane	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
o,o,o,-Triethylphosphorothioate	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
2,4-Dichlorophenol	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
a,a-Dimethylphenethylamine	3800 U	76000 U	1500 U	2000 U	1600 U	1700 U	1600 U	1400 U
1,2,4-Trichlorobenzene	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Naphthalene	270 J	32000 J	1100	600 J	820 U	880 U	99 J	710 U
4-Chloroaniline	3800 U	76000 U	1500 U	2000 U	1600 U	1700 U	1600 U	1400 U
2,6-Dichlorophenol	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Hexachloropropene	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Hexachlorobutadiene	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
p-Phenylenediamine	13000 U	260000 U	5100 U	6800 U	5400 U	R	R	4700 U

Sample ID	SB 7	SB 7	SB 7	SB 8	SB 8	SB 9-1	SB 9-1	SB 9-1
Upper Depth (feet)	1	8	12	4	12	0	0	4
Lower Depth (feet)	4	12	16	10	18	2	2	6
Soil/Fill Type	IMP FILL-PRO FILL	PRO FILL	NATIVE	PRO FILL	PEAT-NATIVE	IMP FILL-NATIVE	IMP FILL-NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	9/10/93	8/16/93	8/16/93	9/14/93	9/14/93	9/14/93
Date Analyzed	10/19/93	10/25/93	10/20/93	9/16/93	9/16/93	10/27/93	10/27/93	10/27/93
Remarks							Dup of SB 9-1 0-2	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
4-Chloro-3-methylphenol	600 J	39000 U	160 J	1000 U	820 U	880 U	820 U	710 U
Isosafrole	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
2-Methylnaphthalene	340 J	10000 J	310 J	420 J	820 U	880 U	110 J	710 U
1,2,4,5-Tetrachlorobenzene	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Hexachlorocyclopentadiene	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
2,4,6-Trichlorophenol	760 J	39000 U	110 J	1000 U	820 U	880 U	820 U	710 U
2,4,5-Trichlorophenol	740 J	180000 U	100 J	4600 U	3700 U	3900 U	3700 U	3200 U
Safrole	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
2-Chloronaphthalene	2000 U	39000 U	780 U	1000 U	820 U	100 J	820 U	710 U
2-Nitroaniline	8800 U	180000 U	3500 U	4600 U	3700 U	3900 U	3700 U	3200 U
1,4-Naphthoquinone	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Dimethylphthalate	2000 U	39000 U	780 U	1000 U	820 U	93 J	140 J	710 U
m-Dinitrobenzene	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Acenaphthylene	490 J	39000 U	780 U	1000 U	820 U	400 J	2900 J	710 U
2,6-Dinitrotoluene	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
3-Nitroaniline	8800 U	180000 U	3500 U	4600 U	3700 U	3900 U	3700 U	3200 U
Acenaphthene	270 J	39000 U	780 U	1000 U	820 U	160 J	410 J	81 J
2,4-Dinitrophenol	8800 U	180000 U	3500 U	4600 U	3700 U	3900 U	3700 U	3200 U
4-Nitrophenol	8800 U	180000 U	3500 U	4600 U	3700 U	R	R	3200 U
Dibenzofuran	210 J	39000 U	780 U	1000 U	820 U	170 J	350 J	83 J
Pentachlorobenzene	2000 U	39000 U	780 U	1000 U	820 U	880 U	150 J	710 U
2,4-Dinitrotoluene	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
1-Naphthylamine	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
2-Naphthylamine	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
2,3,4,6-Tetrachlorophenol	3800 U	77000 U	1500 U	2000 U	1600 U	1700 U	1600 U	1400 U
Diethylphthalate	2000 U	39000 U	780 U	1000 U	820 U	88 J	140 J	710 U
Fluorene	550 J	39000 U	780 U	140 J	820 U	220 J	810 J	81 J
4-Chlorophenyl-phenylether	2000 U	39000 U	780 U	1000 U	820 U	98 J	160 J	74 J
5-Nitro-o-toluidine	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
4-Nitroaniline	8800 U	180000 U	3500 U	4600 U	3700 U	3900 U	3700 U	3200 U
4,6-Dinitro-2-methylphenol	8800 U	180000 U	3500 U	4600 U	3700 U	3900 U	3700 U	3200 U
Diphenylamine	2000 U	39000 U	780 U	250 J	820 U	220 J	500 J	140 J
sym-Trinitrobenzene	2000 U	39000 U	780 U	1000 U	820 U	R	R	710 U
4-Bromophenyl-phenylether	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Phenacetin	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Diallate	3800 U	76000 U	1500 U	2000 U	1600 U	1700 U	1600 U	1400 U
Hexachlorobenzene	2000 U	39000 U	780 U	1000 U	820 U	880 U	140 J	88 J

Sample ID	SB 7	SB 7	SB 7	SB 8	SB 8	SB 9-1	SB 9-1	SB 9-1
Upper Depth (feet)	1	8	12	4	12	0	0	4
Lower Depth (feet)	4	12	16	10	18	2	2	6
Soil/Fill Type	IMP FILL-PRO FILL	PRO FILL	NATIVE	PRO FILL	PEAT-NATIVE	IMP FILL-NATIVE	IMP FILL-NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	9/10/93	8/16/93	8/16/93	9/14/93	9/14/93	9/14/93
Date Analyzed	10/19/93	10/25/93	10/20/93	9/16/93	9/16/93	10/27/93	10/27/93	10/27/93
Remarks							Dup of SB 9-1 0-2	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Pentachlorophenol	990 J	180000 U	3500 U	4600 U	3700 U	3900 U	3700 U	3200 U
Pronamide	3800 U	76000 U	1500 U	2000 U	1600 U	1700 U	1600 U	1400 U
Pentachloronitrobenzene	3800 U	76000 U	1500 U	2000 U	1600 U	1700 U	1600 U	1400 U
Phenanthrene	1700 J	12000 J	160 J	530 J	820 U	990 J	5400 J	99 J
Anthracene	560 J	39000 U	780 U	1000 U	820 U	390 J	3100 J	88 J
Carbazole	190 J	39000 U	780 U	1000 U	820 U	170 J	570 J	710 U
Di-n-butylphthalate	350 J	39000 U	780 U	1000 U	820 U	880 U	820 U	220 J
4-Nitroquinoline-1-oxide	2000 U	39000 U	780 U	1000 U	820 U	R	R	710 U
Methapyrilene	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Isodrin	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Fluoranthene	3200 J	7200 J	170 J	490 J	820 U	3700 J	36000 J	98 J
Pyrene	3400 J	6500 J	160 J	1300	820 U	2400 J	31000 J	65 J
Aramite	3800 U	76000 U	1500 U	2000 U	1600 U	1700 U	1600 U	1400 U
p-(Dimethylamino)azobenzene	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Chlorobenzilate	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
3,3'-Dimethylbenzidine	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Kepone	3800 U	76000 U	1500 U	2000 U	1600 U	R	R	1400 U
Butylbenzylphthalate	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
2-Acetylaminofluorene	3800 U	76000 U	1500 U	2000 U	1600 U	1700 U	1600 U	1400 U
3,3'-Dichlorobenzidine	3800 U	76000 U	1500 U	2000 U	1600 U	1700 U	1600 U	1400 U
Benzo(a)anthracene	1800 J	39000 U	75 J	1000 U	820 U	2000 J	20000 J	710 U
Chrysene	2100 J	39000 U	100 J	380 J	820 U	2200 J	20000 J	710 U
Bis(2-ethylhexyl)phthalate	2000 U	13000 J	93 J	2300	87 J	260 J	240 J	710 U
Di-n-octylphthalate	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Benzo(b)fluoranthene	2200 J	39000 U	780 U	160 J	820 U	1600 J	11000 J	710 U
7,12-Dimethylbenz(a)anthracene	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Benzo(k)fluoranthene	2400 J	39000 U	780 U	78 J	820 U	1800 J	9300 J	710 U
Benzo(a)pyrene	2700 J	39000 U	80 J	110 J	820 U	1700 J	12000 J	710 U
3-Methylcholanthrene	2000 U	39000 U	780 U	1000 U	820 U	880 U	820 U	710 U
Indeno(1,2,3-cd)pyrene	1400 J	39000 U	780 U	71 J	820 U	890 J	6400 J	710 U
Dibenzo(a,h)anthracene	610 J	39000 U	780 U	1000 U	820 U	460 J	2900 J	710 U
Benzo(g,h,i)perylene	1100 J	39000 U	780 U	67 J	820 U	630 J	4300 J	710 U
Creosote (calculated)								

Sample ID	SB 7	SB 7	SB 7	SB 8	SB 8	SB 9-1	SB 9-1	SB 9-1
Upper Depth (feet)	1	8	12	4	12	0	0	4
Lower Depth (feet)	4	12	16	10	18	2	2	8
Soil/Fill Type	IMP FILL-PRO FILL	PRO FILL	NATIVE	PRO FILL	PEAT-NATIVE	IMP FILL-NATIVE	IMP FILL-NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	9/10/93	8/16/93	8/16/93	9/14/93	9/14/93	9/14/93
Date Analyzed	10/19/93	10/25/93	10/20/93	9/16/93	9/16/93	10/27/93	10/27/93	10/27/93
Remarks							Dup of SB 9-1 0-2	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

Sample ID	SB 10	SB 10	SB 10	SB 12	SB 12	SB 13	SB 13	SB 14
Upper Depth (feet)	2	12	16	6	10	2	8	1
Lower Depth (feet)	6	14	18	10	16	6	12	2
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	PRO FILL	NATIVE-PRO FILL	PRO FILL	NATIVE	PRO FILL-NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/20/93	9/20/93	9/20/93	9/8/93	9/8/93	9/20/93	9/20/93	9/15/93
Date Analyzed	11/10/93	11/10/93	11/10/93	10/17/93	10/17/93	10/30/93	10/30/93	10/30/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Pyridine	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
2-Picoline	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
N-Nitrosomethyl-ethylamine	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Methyl methansulfonate	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
N-Nitrosodiethylamine	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Ethyl methanesulfonate	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Pentachloroethane	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Aniline	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Phenol	930000	150 J	190 J	9400	850 U	4700	750 U	320 J
Bis(2-chloroethyl)ether	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
2-Chlorophenol	71000 U	760 U	800 U	2300 U	850 U	930 U	760 U	750 U
Benzyl alcohol	140000 U	1500 U	1500 U	4500 U	1700 U	1800 U	1500 U	1500 U
o-Cresol	76000	760 U	800 U	2400	850 U	460 J	760 U	750 U
bis (2-chloro-1-methylethyl)ether	71000 U	760 U	800 U	2300 U	850 U	930 U	760 U	750 U
Acetophenone	71000 U	760 U	800 U	2300 U	850 U	150 J	760 U	750 U
N-Nitrosopyrrolidine	71000 U	760 U	800 U	2300 U	850 U	930 U	760 U	760 U
N-Nitrosomorpholine	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
o-Toluidine	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
N-Nitroso-di-n-propylamine	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Hexachloroethane	71000 U	760 U	800 U	2300 U	850 U	930 U	760 U	750 U
m & p-Cresol	9600000	730 J	890	2700	850 U	460 J	760 U	750 U
Nitrobenzene	71000 U	760 U	800 U	2300 U	850 U	930 U	760 U	760 U
N-Nitrosopiperidine	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Isophorone	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
2-Nitrophenol	160000	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
2,4-Dimethylphenol	2500000	160 J	260 J	5600	850 U	370 J	750 U	760 U
Bis(2-chloroethoxy)methane	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
o,o,o,-Triethylphosphorothioate	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	760 U
2,4-Dichlorophenol	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
a,a-Dimethylphenethylamine	140000 U	1500 U	1500 U	4500 U	1700 U	1800 U	1500 U	1500 U
1,2,4-Trichlorobenzene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	760 U
Naphthalene	49000 J	760 U	800 U	930 J	850 U	220 J	750 U	750 U
4-Chloroaniline	140000 U	1500 U	1500 U	4500 U	1700 U	1800 U	1500 U	1500 U
2,6-Dichlorophenol	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Hexachloropropene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	760 U
Hexachlorobutadiene	71000 U	760 U	800 U	2300 U	850 U	930 U	760 U	750 U
p-Phenylenediamine	470000 U	5000 U	5200 U	15000 UJ	5600 UJ	6100 U	4900 U	4900 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 10	SB 10	SB 10	SB 12	SB 12	SB 13	SB 13	SB 14
Upper Depth (feet)	2	12	16	6	10	2	8	1
Lower Depth (feet)	6	14	18	10	16	6	12	2
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	PRO FILL	NATIVE-PRO FILL	PRO FILL	NATIVE	PRO FILL-NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/20/93	9/20/93	9/20/93	9/8/93	9/8/93	9/20/93	9/20/93	9/15/93
Date Analyzed	11/10/93	11/10/93	11/10/93	10/17/93	10/17/93	10/30/93	10/30/93	10/30/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
4-Chloro-3-methylphenol	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Isosafrole	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
2-Methylnaphthalene	59000 J	760 U	800 U	430 J	850 U	110 J	750 U	750 U
1,2,4,5-Tetrachlorobenzene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Hexachlorocyclopentadiene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
2,4,6-Trichlorophenol	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
2,4,5-Trichlorophenol	320000 U	3400 U	3600 U	10000 U	3800 U	4100 U	3400 U	3400 U
Safrole	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
2-Chloronaphthalene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
2-Nitroaniline	320000 U	3400 U	3600 U	10000 U	3800 U	4100 U	3400 U	3400 U
1,4-Naphthoquinone	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Dimethylphthalate	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
m-Dinitrobenzene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Acenaphthylene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	77 J
2,6-Dinitrotoluene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
3-Nitroaniline	320000 U	3400 U	3600 U	10000 U	3800 U	4100 U	3400 U	3400 U
Acenaphthene	71000 U	760 U	800 U	230 J	850 U	930 U	750 U	750 U
2,4-Dinitrophenol	140000 J	3400 U	3600 U	10000 U	3800 U	4100 U	3400 U	3400 U
4-Nitrophenol	830000	3400 U	3600 U	10000 U	3800 U	4100 U	3400 U	3400 U
Dibenzofuran	71000 U	760 U	800 U	240 J	850 U	86 J	750 U	68 J
Pentachlorobenzene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
2,4-Dinitrotoluene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
1-Naphthylamine	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
2-Naphthylamine	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
2,3,4,6-Tetrachlorophenol	140000 U	1500 U	1500 U	4600 U	1700 U	1800 U	1500 U	1500 U
Diethylphthalate	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Fluorene	71000 U	760 U	800 U	440 J	850 U	930 U	750 U	71 J
4-Chlorophenyl-phenylether	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
5-Nitro-o-toluidine	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
4-Nitroaniline	320000 U	3400 U	3600 U	10000 U	3800 U	4100 U	3400 U	3400 U
4,6-Dinitro-2-methylphenol	83000 J	3400 U	3600 U	10000 U	3800 U	4100 U	3400 U	3400 U
Diphenylamine	71000 U	760 U	800 U	460 J	850 U	430 J	750 U	750 U
sym-Trinitrobenzene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
4-Bromophenyl-phenylether	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Phenacetin	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Diallate	140000 U	1500 U	1500 U	4500 U	1700 U	1800 U	1500 U	1500 U
Hexachlorobenzene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
SEMIVOLATILE ORGANIC ANALYSIS

Sample ID	SB 10	SB 10	SB 10	SB 12	SB 12	SB 13	SB 13	SB 14
Upper Depth (feet)	2	12	16	6	10	2	8	1
Lower Depth (feet)	6	14	18	10	16	6	12	2
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	PRO FILL	NATIVE-PRO FILL	PRO FILL	NATIVE	PRO FILL-NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/20/93	9/20/93	9/20/93	9/8/93	9/8/93	9/20/93	9/20/93	9/15/93
Date Analyzed	11/10/93	11/10/93	11/10/93	10/17/93	10/17/93	10/30/93	10/30/93	10/30/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Pentachlorophenol	320000 U	3400 U	3600 U	10000 U	3800 U	4100 U	3400 U	3400 U
Pronamide	140000 U	1500 U	1500 U	4500 U	1700 U	1800 U	1500 U	1500 U
Pentachloronitrobenzene	140000 U	1500 U	1500 U	4500 U	1700 U	1800 U	1500 U	1500 U
Phenanthrene	17000 J	760 U	800 U	1300 J	850 U	810 J	750 U	1100
Anthracene	71000 U	760 U	800 U	350 J	850 U	110 J	750 U	190 J
Carbazole	71000 U	760 U	800 U	2300 U	850 U	98 J	750 U	110 J
Di-n-butylphthalate	300000	820 U	800 U	720 J	850 U	280 J	750 U	1500 U
4-Nitroquinoline-1-oxide	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Methapyrilene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Isodrin	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Fluoranthene	71000 U	760 U	800 U	740 J	850 U	580 J	750 U	1600
Pyrene	71000 U	760 U	800 U	1000 J	850 U	720 J	750 U	1300
Aramite	140000 U	1500 U	1500 U	4500 U	1700 U	1800 U	1500 U	1500 U
p-(Dimethylamino)azobenzene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Chlorobenzilate	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
3,3'-Dimethylbenzidine	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Kepone	140000 U	1500 U	1500 U	4500 U	1700 U	1800 U	1500 U	1500 U
Butylbenzylphthalate	71000 U	230 J	260 J	2300 U	850 U	930 U	750 U	750 U
2-Acetylaminofluorene	140000 U	1500 U	1500 U	4500 U	1700 U	1800 U	1500 U	1500 U
3,3'-Dichlorobenzidine	140000 U	1500 U	1500 U	4500 U	1700 U	1800 U	1500 U	1500 U
Benzo(a)anthracene	71000 U	760 U	800 U	420 J	850 U	240 J	750 U	690 J
Chrysene	71000 U	760 U	800 U	690 J	850 U	550 J	750 U	960
Bis(2-ethylhexyl)phthalate	71000 U	760 U	1300	1100 J	850 U	200 J	750 U	200 J
Di-n-octylphthalate	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Benzo(b)fluoranthene	71000 U	760 U	800 U	370 J	850 U	930 U	750 U	670 J
7,12-Dimethylbenz(a)anthracene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Benzo(k)fluoranthene	71000 U	760 U	800 U	460 J	850 U	930 U	750 U	570 J
Benzo(a)pyrene	71000 U	760 U	800 U	470 J	850 U	930 U	750 U	620 J
3-Methylcholanthrene	71000 U	760 U	800 U	2300 U	850 U	930 U	750 U	750 U
Indeno(1,2,3-cd)pyrene	71000 U	760 U	800 U	680 J	130 J	930 U	750 U	440 J
Dibenzo(a,h)anthracene	71000 U	760 U	800 U	660 J	130 J	930 U	750 U	750 U
Benzo(g,h,i)perylene	71000 U	760 U	800 U	820 J	190 J	930 U	750 U	460 J
Creosote (calculated)								

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 10	SB 10	SB 10	SB 12	SB 12	SB 13	SB 13	SB 14
Upper Depth (feet)	2	12	16	6	10	2	8	1
Lower Depth (feet)	6	14	18	10	16	6	12	2
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	PRO FILL	NATIVE-PRO FILL	PRO FILL	NATIVE	PRO FILL-NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/20/93	9/20/93	9/20/93	9/8/93	9/8/93	9/20/93	9/20/93	9/15/93
Date Analyzed	11/10/93	11/10/93	11/10/93	10/17/93	10/17/93	10/30/93	10/30/93	10/30/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

Sample ID	SB 14	SB 15	SB 16	SB 16	SB 16	SB 19	SB 19	SB 20
Upper Depth (feet)	2	4	2	2	10	6	10	1
Lower Depth (feet)	8	8	8	8	16	10	14	2
Soil/Fill Type	NATIVE	NATIVE-IMP FILL	IMP FILL-PRO FILL	IMP FILL-PRO FILL	NATIVE	PRO FILL-NATIVE	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/15/93	9/13/93	9/9/93	9/9/93	9/9/93	8/16/93	8/16/93	9/10/93
Date Analyzed	10/30/93	10/21/93	10/18/93	10/18/93	10/18/93	9/16/93	9/16/93	10/21/93
Remarks				Dup of SB 16 2-8				
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Pyridine	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2-Picoline	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
N-Nitrosomethyl ethylamine	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Methyl methansulfonate	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
N-Nitrosodiethylamine	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Ethyl methanesulfonate	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Pentachloroethane	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Aniline	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Phenol	740 U	800 U	4300 UJ	5400 J	580 UJ	1600	140 J	2600
Bis(2-chloroethyl)ether	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2-Chlorophenol	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Benzyl alcohol	1400 U	1500 U	1500 U	1500 U	1600 U	2000 U	1500 U	1800 U
o-Cresol	740 U	800 U	780 U	790 U	830 U	370 J	780 U	930 U
bis (2-chloro-1-methylethyl)ether	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Acetophenone	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	230 J
N-Nitrosopyrrolidine	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
N-Nitrosomorpholine	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
o-Toluidine	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
N-Nitroso-di-n-propylamine	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Hexachloroethane	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
m & p-Cresol	740 U	800 U	780 U	790 U	830 U	370 J	780 U	110 J
Nitrobenzene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
N-Nitrosopiperidine	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Isophorone	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2-Nitrophenol	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2,4-Dimethylphenol	740 U	800 U	780 U	790 U	830 U	450 J	780 U	96 J
Bis(2-chloroethoxy)methane	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
o,o,o,-Triethylphosphorothioate	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2,4-Dichlorophenol	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
a,a-Dimethylphenethylamine	1400 U	1500 U	1500 U	1500 U	1600 U	2000 U	1500 U	1800 U
1,2,4-Trichlorobenzene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Naphthalene	740 U	800 U	780 U	790 U	830 U	210 J	780 U	210 J
4-Chloroaniline	1400 U	1500 U	1500 U	1500 U	1600 U	2000 U	1500 U	1800 U
2,6-Dichlorophenol	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Hexachloropropene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Hexachlorobutadiene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
p-Phenylenediamine	4900 U	5200 U	R	12000 UJ	5500 UJ	6900 U	5100 U	6100 U

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
SEMIVOLATILE ORGANIC ANALYSIS

Sample ID	SB 14	SB 15	SB 16	SB 16	SB 16	SB 19	SB 19	SB 20
Upper Depth (feet)	2	4	2	2	10	6	10	1
Lower Depth (feet)	6	8	8	8	16	10	14	2
Soil/Fill Type	NATIVE	NATIVE-IMP FILL	IMP FILL-PRO FILL	IMP FILL-PRO FILL	NATIVE	PRO FILL-NATIVE	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/15/93	9/13/93	9/9/93	9/9/93	9/9/93	8/16/93	8/16/93	9/10/93
Date Analyzed	10/30/93	10/21/93	10/18/93	10/18/93	10/18/93	9/16/93	9/16/93	10/21/93
Remarks				Dup of SB 16 2-8				
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
4-Chloro-3-methylphenol	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Isosafrole	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2-Methylnaphthalene	740 U	800 U	780 U	790 U	830 U	190 J	780 U	310 J
1,2,4,5-Tetrachlorobenzene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Hexachlorocyclopentadiene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2,4,6-Trichlorophenol	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2,4,5-Trichlorophenol	3300 U	3600 U	3500 U	3500 U	3700 U	4700 U	3500 U	4200 U
Safrole	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2-Chloronaphthalene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2-Nitroaniline	3300 U	3600 U	3500 U	3500 U	3700 U	4700 U	3500 U	4200 U
1,4-Naphthoquinone	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Dimethylphthalate	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
m-Dinitrobenzene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Acenaphthylene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2,6-Dinitrotoluene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
3-Nitroaniline	3300 U	3600 U	3500 U	3500 U	3700 U	4700 U	3500 U	4200 U
Acenaphthene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2,4-Dinitrophenol	3300 U	3600 U	3500 U	3500 U	3700 U	4700 U	3500 U	4200 U
4-Nitrophenol	3300 U	3600 U	3500 U	3500 U	3700 U	4700 U	3500 U	4200 U
Dibenzofuran	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Pentachlorobenzene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2,4-Dinitrotoluene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
1-Naphthylamine	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2-Naphthylamine	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2,3,4,6-Tetrachlorophenol	1400 U	1600 U	1500 U	1500 U	1600 U	2000 U	1500 U	1800 U
Diethylphthalate	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Fluorene	740 U	800 U	780 U	790 U	830 U	100 J	780 U	930 U
4-Chlorophenyl-phenylether	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
5-Nitro-o-toluidine	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
4-Nitroaniline	3300 U	3600 U	3500 U	3500 U	3700 U	4700 U	3500 U	4200 U
4,6-Dinitro-2-methylphenol	3300 U	3600 U	3500 U	3500 U	3700 U	4700 U	3500 U	4200 U
Diphenylamine	740 U	800 U	390 J	620 J	830 U	120 J	780 U	930 U
sym-Trinitrobenzene	740 U	R	780 U	790 U	830 U	1000 U	780 U	R
4-Bromophenyl-phenylether	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Phenacetin	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Diallate	1400 U	1500 U	1500 U	1500 U	1600 U	2000 U	1500 U	1800 U
Hexachlorobenzene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
SEMIVOLATILE ORGANIC ANALYSIS

Sample ID	SB 14	SB 15	SB 16	SB 16	SB 16	SB 19	SB 19	SB 20
Upper Depth (feet)	2	4	2	2	10	6	10	1
Lower Depth (feet)	8	8	8	8	16	10	14	2
Soil/Fill Type	NATIVE	NATIVE-IMP FILL	IMP FILL-PRO FILL	IMP FILL-PRO FILL	NATIVE	PRO FILL-NATIVE	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/15/93	9/13/93	9/9/93	9/9/93	9/9/93	8/16/93	8/16/93	9/10/93
Date Analyzed	10/30/93	10/21/93	10/18/93	10/18/93	10/18/93	9/16/93	9/16/93	10/21/93
Remarks				Dup of SB 16 2-8				
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Pentachlorophenol	3300 U	3600 U	3500 U	3500 U	3700 U	4700 U	3500 U	4200 U
Pronamide	1400 U	1500 U	1500 U	1500 U	1600 U	2000 U	1500 U	1800 U
Pentachloronitrobenzene	1400 U	1500 U	1500 U	1500 U	1600 U	2000 U	1500 U	1800 U
Phenanthrene	740 U	800 U	170 J	220 J	830 U	220 J	780 U	930 U
Anthracene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Carbazole	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Di-n-butylphthalate	1400 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
4-Nitroquinoline-1-oxide	740 U	R	780 U	790 U	830 U	1000 U	780 U	R
Methapyrilene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Isodrin	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Fluoranthene	740 U	800 U	780 U	790 U	830 U	120 J	780 U	110 J
Pyrene	740 U	800 U	780 U	790 U	830 U	200 J	780 U	160 J
Aramite	1400 U	1500 U	1500 U	1500 U	1600 U	2000 U	1500 U	1800 U
p-(Dimethylamino)azobenzene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Chlorobenzilate	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
3,3'-Dimethylbenzidine	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Kepone	1400 U	R	1500 U	1500 U	1600 U	2000 U	1500 U	R
Butylbenzylphthalate	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
2-Acetylaminofluorene	1400 U	1500 U	1500 U	1500 U	1600 U	2000 U	1500 U	1800 U
3,3'-Dichlorobenzidine	1400 U	1500 U	1500 U	1500 U	1600 U	2000 U	1500 U	1800 U
Benzo(a)anthracene	740 U	800 U	780 U	130 J	830 U	1000 U	780 U	930 U
Chrysene	740 U	800 U	780 U	170 J	830 U	1000 U	780 U	140 J
Bis(2-ethylhexyl)phthalate	740 U	85 J	780 U	790 U	830 U	1100	100 J	110 J
Di-n-octylphthalate	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Benzo(b)fluoranthene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
7,12-Dimethylbenz(a)anthracene	740 U	800 UJ	780 U	790 U	830 U	1000 U	780 U	930 UJ
Benzo(k)fluoranthene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Benzo(a)pyrene	740 U	800 U	780 U	110 J	830 U	1000 U	780 U	930 U
3-Methylcholanthrene	740 U	800 U	780 U	790 U	830 U	1000 U	780 U	930 U
Indeno(1,2,3-cd)pyrene	740 U	800 U	780 U	120 J	830 U	1000 U	780 U	930 U
Dibenzo(a,h)anthracene	740 U	800 U	780 U	96 J	830 U	1000 U	780 U	930 U
Benzo(g,h,i)perylene	740 U	800 U	780 U	140 J	830 U	1000 U	780 U	930 U
Creosote (calculated)								

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 14	SB 15	SB 16	SB 16	SB 16	SB 19	SB 19	SB 20
Upper Depth (feet)	2	4	2	2	10	6	10	1
Lower Depth (feet)	6	8	6	8	16	10	14	2
Soil/Fill Type	NATIVE	NATIVE-IMP FILL	IMP FILL-PRO FILL	IMP FILL-PRO FILL	NATIVE	PRO FILL-NATIVE	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/15/93	9/13/93	9/9/93	9/9/93	9/9/93	8/16/93	8/16/93	9/10/93
Date Analyzed	10/30/93	10/21/93	10/18/93	10/18/93	10/18/93	9/16/93	9/16/93	10/21/93
Remarks				Dup of SB 16 2-8				
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
SEMIVOLATILE ORGANIC ANALYSIS

Sample ID	SB 20	SB 21	SB 21	SB 23	SB 23	SB 24	SB 24	SB 26
Upper Depth (feet)	8	2	8	3	7	2	8	4
Lower Depth (feet)	10	8	12	7	11	6	12	8
Soil/Fill Type	PRO FILL	PRO FILL	NATIVE-PRO FILL	IMP FILL	NATIVE	IMP FILL-PRO FILL	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/8/93	9/8/93	10/5/93	10/5/93	9/8/93	9/8/93	9/24/93
Date Analyzed	10/21/93	10/21/93	10/18/93	11/13/93	11/13/93	10/18/93	10/18/93	11/6/93
Remarks								EPA/CDM
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Pyridine	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
2-Picoline	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
N-Nitrosomethyl-ethylamine	2600 U	3300 U	840 U	R	R	300 J	770 U	880 U
Methyl methansulfonate	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
N-Nitrosodiethylamine	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Ethyl methanesulfonate	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Pentachloroethane	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Aniline	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Phenol	24000	R	840 U	R	R	810 U	770 U	350 J
Bis(2-chloroethyl)ether	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
2-Chlorophenol	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Benzyl alcohol	5100 U	6300 U	1600 U	R	R	1600 U	1500 U	1700 U
o-Cresol	890 J	3300 U	840 U	R	R	810 U	770 U	250 J
bis (2-chloro-1-methylethyl)ether	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Acetophenone	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
N-Nitrosopyrrolidine	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
N-Nitrosomorpholine	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
o-Toluidine	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
N-Nitroso-di-n-propylamine	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Hexachloroethane	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
m & p-Cresol	800 J	3300 U	840 U	R	R	810 U	770 U	1700
Nitrobenzene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
N-Nitrosopiperidine	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Isophorone	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
2-Nitrophenol	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
2,4-Dimethylphenol	3800	3300 U	840 U	R	R	810 U	770 U	880 U
Bis(2-chloroethoxy)methane	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
o,o,o,-Triethylphosphorothioate	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
2,4-Dichlorophenol	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
a,a-Dimethylphenethylamine	5100 U	6300 U	1600 U	R	R	1600 U	1500 U	1700 U
1,2,4-Trichlorobenzene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Naphthalene	1600 J	3300 U	840 U	R	R	810 U	770 U	250 J
4-Chloroaniline	5100 U	6300 U	1600 U	R	R	1600 U	1500 U	1700 U
2,6-Dichlorophenol	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Hexachloropropene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Hexachlorobutadiene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
p-Phenylenediamine	17000 U	21000 UJ	5500 UJ	R	R	5300 UJ	5100 UJ	5800 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 20	SB 21	SB 21	SB 23	SB 23	SB 24	SB 24	SB 26
Upper Depth (feet)	8	2	8	3	7	2	8	4
Lower Depth (feet)	10	8	12	7	11	6	12	8
Soil/Fill Type	PRO FILL	PRO FILL	NATIVE-PRO FILL	IMP FILL	NATIVE	IMP FILL-PRO FILL	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/8/93	9/8/93	10/5/93	10/5/93	9/8/93	9/8/93	9/24/93
Date Analyzed	10/21/93	10/21/93	10/18/93	11/13/93	11/13/93	10/18/93	10/18/93	11/6/93
Remarks								EPA/CDM
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
4-Chloro-3-methylphenol	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Isosafrole	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
2-Methylnaphthalene	510 J	3300 U	840 U	R	R	810 U	770 U	360 J
1,2,4,5-Tetrachlorobenzene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Hexachlorocyclopentadiene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
2,4,6-Trichlorophenol	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
2,4,5-Trichlorophenol	12000 U	15000 U	3800 U	R	R	3600 U	3500 U	3900 U
Safrole	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
2-Chloronaphthalene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
2-Nitroaniline	12000 U	15000 U	3800 U	R	R	3600 U	3500 U	3900 U
1,4-Naphthoquinone	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Dimethylphthalate	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
m-Dinitrobenzene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Acenaphthylene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
2,6-Dinitrotoluene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
3-Nitroaniline	12000 U	15000 U	3800 U	R	R	3600 U	3500 U	3900 U
Acenaphthene	2600 U	3300 U	840 U	R	R	810 U	770 U	190 J
2,4-Dinitrophenol	12000 U	15000 U	3800 U	R	R	3600 U	3500 U	3900 U
4-Nitrophenol	12000 U	15000 U	3800 U	R	R	3600 U	3500 U	3900 U
Dibenzofuran	280 J	3300 U	840 U	R	R	810 U	770 U	880 U
Pentachlorobenzene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
2,4-Dinitrotoluene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
1-Naphthylamine	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
2-Naphthylamine	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
2,3,4,6-Tetrachlorophenol	5100 U	6300 U	1600 U	R	R	1600 U	1500 U	1700 U
Diethylphthalate	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Fluorene	2600 U	3300 U	840 U	R	R	810 U	770 U	320 J
4-Chlorophenyl-phenylether	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
5-Nitro-o-toluidine	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
4-Nitroaniline	12000 U	15000 U	3800 U	R	R	3600 U	3500 U	3900 U
4,6-Dinitro-2-methylphenol	12000 U	15000 U	3800 U	R	R	3600 U	3500 U	3900 U
Diphenylamine	1800 J	3300 U	840 U	R	R	810 U	770 U	880 U
sym-Trinitrobenzene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
4-Bromophenyl-phenylether	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Phenacetin	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Diallate	5100 U	6300 U	1600 U	R	R	1600 U	1500 U	1700 U
Hexachlorobenzene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 20	SB 21	SB 21	SB 23	SB 23	SB 24	SB 24	SB 26
Upper Depth (feet)	8	2	8	3	7	2	8	4
Lower Depth (feet)	10	8	12	7	11	6	12	8
Soil/Fill Type	PRO FILL	PRO FILL	NATIVE-PRO FILL	IMP FILL	NATIVE	IMP FILL-PRO FILL	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/8/93	9/8/93	10/5/93	10/5/93	9/8/93	9/8/93	9/24/93
Date Analyzed	10/21/93	10/21/93	10/18/93	11/13/93	11/13/93	10/18/93	10/18/93	11/6/93
Remarks								EPA/CDM
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Pentachlorophenol	12000 U	1600 J	3800 U	R	R	3600 U	3500 U	3900 U
Pronamide	5100 U	2100 UJ	1600 U	R	R	1600 U	1500 U	1700 U
Pentachloronitrobenzene	5100 U	6300 U	1600 U	R	R	1600 U	1500 U	1700 U
Phenanthrene	1100 J	1100 J	840 U	97 J	R	150 J	770 U	1100
Anthracene	2600 U	3300 U	840 U	R	R	810 U	770 U	340 J
Carbazole	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Di-n-butylphthalate	640 J	3300 U	840 U	81 J	R	810 U	770 U	180 J
4-Nitroquinoline-1-oxide	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Methapyrilene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Isodrin	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Fluoranthene	780 J	680 J	840 U	120 J	R	260 J	770 U	1500
Pyrene	780 J	1700 J	840 U	100 J	R	220 J	770 U	2100
Aramite	5100 U	6300 U	1600 U	R	R	1600 U	1500 U	1700 U
p-(Dimethylamino)azobenzene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Chlorobenzilate	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
3,3'-Dimethylbenzidine	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Kepone	5100 U	6300 U	1600 U	R	R	1600 U	1500 U	1700 U
Butylbenzylphthalate	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
2-Acetylaminofluorene	5100 U	6300 U	1600 U	R	R	1600 U	1500 U	1700 U
3,3'-Dichlorobenzidine	5100 U	6300 U	1600 U	R	R	1600 U	1500 U	1700 U
Benzo(a)anthracene	290 J	540 J	840 U	R	R	810 U	770 U	1100
Chrysene	400 J	760 J	840 U	81 J	R	810 U	770 U	1400
Bis(2-ethylhexyl)phthalate	270 J	3300 U	840 U	R	R	810 U	770 U	810 J
Di-n-octylphthalate	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Benzo(b)fluoranthene	2600 U	400 J	840 U	R	R	810 U	770 U	880 U
7,12-Dimethylbenz(a)anthracene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Benzo(k)fluoranthene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Benzo(a)pyrene	2600 U	580 J	840 U	R	R	810 U	770 U	850 J
3-Methylcholanthrene	2600 U	3300 U	840 U	R	R	810 U	770 U	880 U
Indeno(1,2,3-cd)pyrene	2600 U	600 J	840 U	R	R	810 U	770 U	880 U
Dibenzo(a,h)anthracene	2600 U	590 J	840 U	R	R	810 U	770 U	880 U
Benzo(g,h,i)perylene	2600 U	770 J	840 U	R	R	810 U	770 U	880 U
Creosote (calculated)								

Sample ID	SB 20	SB 21	SB 21	SB 23	SB 23	SB 24	SB 24	SB 26
Upper Depth (feet)	8	2	8	3	7	2	8	4
Lower Depth (feet)	10	8	12	7	11	6	12	8
Soil/Fill Type	PRO FILL	PRO FILL	NATIVE-PRO FILL	IMP FILL	NATIVE	IMP FILL-PRO FILL	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/8/93	9/8/93	10/5/93	10/5/93	9/8/93	9/8/93	9/24/93
Date Analyzed	10/21/93	10/21/93	10/18/93	11/13/93	11/13/93	10/18/93	10/18/93	11/6/93
Remarks								EPA/CDM
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAPI

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPPI.
Creosote results calculated.
Creosote blank = not present

Sample ID	SB 26	SB 26-1	SB 26-1	SB 29	SB 29	SB 29	SB 30	SB 30
Upper Depth (feet)	8	0.5	2	0.75	0.75	7	0.583	5
Lower Depth (feet)	10	2	4	3	3	9	3	7
Soil/Fill Type	NATIVE	IMP FILL	PRO FILL	IMP FILL	IMP FILL	NATIVE	IMP FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/23/93	9/24/93	9/24/93	10/7/93	10/7/93	10/7/93	10/6/93	10/6/93
Date Analyzed	11/6/93	11/6/93	11/6/93	11/12/93	11/12/93	11/12/93	11/15/93	11/15/93
Remarks		EPA/CDM	EPA/CDM		Dup			
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Pyridine	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2-Picoline	950 U	840 U	800 U	790 U	740 U	890 U	R	R
N-Nitrosomethyl-ethylamine	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Methyl methansulfonate	*950 U*	*840 U*	*800 U*	*790 U*	*740 U*	*890 U*	*R*	*R*
N-Nitrosodiethylamine	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Ethyl methanesulfonate	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Pentachloroethane	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Aniline	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Phenol	950 U	390 J	92 J	790 U	740 U	890 U	82 J	R
Bis(2-chloroethyl)ether	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2-Chlorophenol	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Benzyl alcohol	1900 U	1600 U	1600 U	1500 U	1400 U	1700 U	R	R
o-Cresol	950 U	120 J	800 U	790 U	740 U	890 U	R	R
bis (2-chloro-1-methylethyl)ether	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Acetophenone	950 U	840 U	800 U	790 U	740 U	890 U	120 J	R
N-Nitrosopyrrolidine	950 U	840 U	800 U	790 U	740 U	890 U	R	R
N-Nitrosomorpholine	950 U	840 U	800 U	790 U	740 U	890 U	R	R
o-Toluidine	950 U	840 U	800 U	790 U	740 U	890 U	R	R
N-Nitroso-di-n-propylamine	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Hexachloroethane	950 U	840 U	800 U	790 U	740 U	890 U	R	R
m & p-Cresol	950 U	470 J	650 J	790 U	740 U	890 U	130 J	R
Nitrobenzene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
N-Nitrosopiperidine	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Isophorone	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2-Nitrophenol	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2,4-Dimethylphenol	950 U	250 J	390 J	790 U	740 U	890 U	100 J	190 J
Bis(2-chloroethoxy)methane	950 U	840 U	800 U	790 U	740 U	890 U	R	R
o,o,o,-Triethylphosphorothioate	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2,4-Dichlorophenol	950 U	840 U	800 U	790 U	740 U	890 U	R	R
a,a-Dimethylphenethylamine	1900 U	1600 U	1600 U	1500 U	1400 U	1700 U	R	R
1,2,4-Trichlorobenzene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Naphthalene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
4-Chloroaniline	1900 U	1600 U	1600 U	1500 U	1400 U	1700 U	R	R
2,6-Dichlorophenol	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Hexachloropropene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Hexachlorobutadiene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
p-Phenylenediamine	6300 U	5500 U	5300 U	5200 U	4900 U	5800 U	R	R

Sample ID	SB 26	SB 26-1	SB 26-1	SB 29	SB 29	SB 29	SB 30	SB 30
Upper Depth (feet)	8	0.5	2	0.75	0.75	7	0.583	5
Lower Depth (feet)	10	2	4	3	3	9	3	7
Soil/Fill Type	NATIVE	IMP FILL	PRO FILL	IMP FILL	IMP FILL	NATIVE	IMP FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/23/93	9/24/93	9/24/93	10/7/93	10/7/93	10/7/93	10/5/93	10/5/93
Date Analyzed	11/6/93	11/6/93	11/6/93	11/12/93	11/12/93	11/12/93	11/15/93	11/15/93
Remarks		EPA/CDM	EPA/CDM		Dup			
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	950 U	840 U	800 U	790 U	740 U	890 U	R	R
4-Chloro-3-methylphenol	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Isosafrole	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2-Methylnaphthalene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
1,2,4,5-Tetrachlorobenzene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Hexachlorocyclopentadiene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2,4,6-Trichlorophenol	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2,4,5-Trichlorophenol	4300 U	3800 U	3600 U	3500 U	3300 U	4000 U	R	R
Safrole	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2-Chloronaphthalene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2-Nitroaniline	4300 U	3800 U	3600 U	3500 U	3300 U	4000 U	R	R
1,4-Naphthoquinone	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Dimethylphthalate	950 U	840 U	800 U	790 U	740 U	890 U	R	R
m-Dinitrobenzene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Acenaphthylene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2,6-Dinitrotoluene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
3-Nitroaniline	4300 U	3800 U	3600 U	3500 U	3300 U	4000 U	R	R
Acenaphthene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2,4-Dinitrophenol	4300 U	3800 U	3600 U	3500 U	3300 U	4000 U	R	R
4-Nitrophenol	4300 U	3800 U	3600 U	3500 U	3300 U	4000 U	R	R
Dibenzofuran	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Pentachlorobenzene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2,4-Dinitrotoluene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
1-Naphthylamine	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2-Naphthylamine	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2,3,4,6-Tetrachlorophenol	1900 U	1600 U	1600 U	1500 U	1400 U	1700 U	R	R
Diethylphthalate	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Fluorene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
4-Chlorophenyl-phenylether	950 U	840 U	800 U	790 U	740 U	890 U	R	R
5-Nitro-o-toluidine	950 U	840 U	800 U	790 U	740 U	890 U	R	R
4-Nitroaniline	4300 U	3800 U	3600 U	3500 U	3300 U	4000 U	R	R
4,6-Dinitro-2-methylphenol	4300 U	3800 U	3600 U	3500 U	3300 U	4000 U	R	R
Diphenylamine	950 U	840 U	800 U	790 U	740 U	890 U	R	R
sym-Trinitrobenzene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
4-Bromophenyl-phenylether	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Phenacetin	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Diallate	1900 U	1600 U	1600 U	1500 U	1400 U	1700 U	R	R
Hexachlorobenzene	950 U	840 U	800 U	790 U	740 U	890 U	R	R

Sample ID	SB 26	SB 26-1	SB 26-1	SB 29	SB 29	SB 29	SB 30	SB 30
Upper Depth (feet)	8	0.5	2	0.75	0.75	7	0.583	5
Lower Depth (feet)	10	2	4	3	3	9	3	7
Soil/Fill Type	NATIVE	IMP FILL	PRO FILL	IMP FILL	IMP FILL	NATIVE	IMP FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/23/93	9/24/93	9/24/93	10/7/93	10/7/93	10/7/93	10/5/93	10/5/93
Date Analyzed	11/6/93	11/6/93	11/6/93	11/12/93	11/12/93	11/12/93	11/15/93	11/15/93
Remarks		EPA/CDM	EPA/CDM		Dup			
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Pentachlorophenol	4300 U	3800 U	3600 U	3500 U	3300 U	4000 U	R	R
Pronamide	1900 U	1600 U	1600 U	1500 U	1400 U	1700 U	R	R
Pentachloronitrobenzene	1900 U	1600 U	1600 U	1500 U	1400 U	1700 U	R	R
Phenanthrene	950 U	140 J	160 J	790 U	740 U	890 U	130 J	300 J
Anthracene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Carbazole	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Di-n-butylphthalate	180 J	840 U	800 U	790 U	740 U	890 U	93 J	160 J
4-Nitroquinoline-1-oxide	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Methapyrilene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Isodrin	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Fluoranthene	950 U	130 J	140 J	790 U	740 U	890 U	180 J	330 J
Pyrene	950 U	130 J	130 J	790 U	740 U	890 U	210 J	480 J
Aramite	1900 U	1600 U	1600 U	1500 U	1400 U	1700 U	R	R
p-(Dimethylamino)azobenzene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Chlorobenzilate	950 U	840 U	800 U	790 U	740 U	890 U	R	R
3,3'-Dimethylbenzidine	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Kepone	1900 U	1600 U	1600 U	1500 U	1400 U	1700 U	R	R
Butylbenzylphthalate	950 U	840 U	800 U	790 U	740 U	890 U	R	R
2-Acetylaminofluorene	1900 U	1600 U	1600 U	1500 U	1400 U	1700 U	R	R
3,3'-Dichlorobenzidine	1900 U	1600 U	1600 U	1500 U	1400 U	1700 U	R	R
Benzo(a)anthracene	950 U	840 U	800 U	790 U	740 U	890 U	110 J	310 J
Chrysene	950 U	840 U	800 U	790 U	740 U	890 U	170 J	440 J
Bis(2-ethylhexyl)phthalate	240 J	840 U	800 U	870 U	740 U	970 U	260 J	R
Di-n-octylphthalate	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Benzo(b)fluoranthene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
7,12-Dimethylbenz(a)anthracene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Benzo(k)fluoranthene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Benzo(a)pyrene	950 U	840 U	800 U	790 U	740 U	890 U	R	300 J
3-Methylcholanthrene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Indeno(1,2,3-cd)pyrene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Dibenzo(a,h)anthracene	950 U	840 U	800 U	790 U	740 U	890 U	R	R
Benzo(g,h,i)perylene	950 U	840 U	800 U	790 U	740 U	890 U	R	210 J
Creosote (calculated)								

Sample ID	SB 26	SB 26-1	SB 26-1	SB 29	SB 29	SB 29	SB 30	SB 30
Upper Depth (feet)	8	0.5	2	0.75	0.75	7	0.583	5
Lower Depth (feet)	10	2	4	3	3	9	3	7
Soil/Fill Type	NATIVE	IMP FILL	PRO FILL	IMP FILL	IMP FILL	NATIVE	IMP FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/23/93	9/24/93	9/24/93	10/7/93	10/7/93	10/7/93	10/5/93	10/5/93
Date Analyzed	11/6/93	11/6/93	11/6/93	11/12/93	11/12/93	11/12/93	11/15/93	11/15/93
Remarks		EPA/CDM	EPA/CDM		Dup			
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

Sample ID	SB 30	SB 33	SB 33	SB 38	SB 38	SB 40	SB 41	SB 41
Upper Depth (feet)	7	1	8	3	7.5	6	1	4
Lower Depth (feet)	9	4	12	7.5	10	10	4	6
Soil/Fill Type	NATIVE	IMP FILL	NATIVE	IMP FILL	NATIVE	NATIVE-IMP FILL	IMP FILL	IMP FILL/PRO FILL/
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/5/93	9/17/93	9/17/93	10/4/93	10/4/93	9/15/93	9/16/93	9/16/93
Date Analyzed	11/13/93	11/1/93	11/1/93	11/10/93	11/10/93	11/1/93	10/30/93	10/30/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Pyridine	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2-Picoline	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
N-Nitrosomethyl-ethylamine	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Methyl methansulfonate	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
N-Nitrosodiethylamine	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Ethyl methanesulfonate	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Pentachloroethane	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Aniline	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Phenol	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Bis(2-chloroethyl)ether	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2-Chlorophenol	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Benzyl alcohol	R	1400 U	1600 U	1400 U	1700 U	1600 U	1400 U	3300 U
o-Cresol	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
bis (2-chloro-1-methylethyl)ether	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Acetophenone	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
N-Nitrosopyrrolidine	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
N-Nitrosomorpholine	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
o-Toluidine	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
N-Nitroso-di-n-propylamine	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Hexachloroethane	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
m & p-Cresol	R	740 U	820 U	420 J	97 J	790 U	700 U	1700 U
Nitrobenzene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
N-Nitrosopiperidine	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Isophorone	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2-Nitrophenol	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2,4-Dimethylphenol	R	740 U	820 U	510 J	870 U	790 U	700 U	1700 U
Bis(2-chloroethoxy)methane	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
o,o,o,-Triethylphosphorothioate	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2,4-Dichlorophenol	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
a,a-Dimethylphenethylamine	R	1400 U	1600 U	1400 U	1700 U	1600 U	1400 U	3300 U
1,2,4-Trichlorobenzene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Naphthalene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
4-Chloroaniline	R	1400 U	1600 U	1400 U	1700 U	1600 U	1400 U	3300 U
2,6-Dichlorophenol	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Hexachloropropene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Hexachlorobutadiene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
p-Phenylenediamine	R	4800 U	5400 U	4800 U	5700 U	5200 U	4600 U	11000 U

Sample ID	SB 30	SB 33	SB 33	SB 38	SB 38	SB 40	SB 41	SB 41
Upper Depth (feet)	7	1	8	3	7.5	6	1	4
Lower Depth (feet)	9	4	12	7.5	10	10	4	6
Soil/Fill Type	NATIVE	IMP FILL	NATIVE	IMP FILL	NATIVE	NATIVE-IMP FILL	IMP FILL	IMP FILL/PRO FILL/
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/6/93	9/17/93	9/17/93	10/4/93	10/4/93	9/16/93	9/16/93	9/16/93
Date Analyzed	11/13/93	11/1/93	11/1/93	11/10/93	11/10/93	11/1/93	10/30/93	10/30/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
4-Chloro-3-methylphenol	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Isosafrole	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2-Methylnaphthalene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
1,2,4,5-Tetrachlorobenzene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Hexachlorocyclopentadiene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2,4,6-Trichlorophenol	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2,4,5-Trichlorophenol	R	3300 U	3700 U	3300 U	3900 U	3500 U	3100 U	7700 U
Safrole	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2-Chloronaphthalene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2-Nitroaniline	R	3300 U	3700 U	3300 U	3900 U	3500 U	3100 U	7700 U
1,4-Naphthoquinone	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Dimethylphthalate	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
m-Dinitrobenzene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Acenaphthylene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2,6-Dinitrotoluene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
3-Nitroaniline	R	3300 U	3700 U	3300 U	3900 U	3500 U	3100 U	7700 U
Acenaphthene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2,4-Dinitrophenol	R	3300 U	3700 U	3300 U	3900 U	3500 U	3100 U	7700 U
4-Nitrophenol	R	3300 U	3700 U	3300 U	3900 U	3500 U	3100 U	7700 U
Dibenzofuran	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Pentachlorobenzene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2,4-Dinitrotoluene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
1-Naphthylamine	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2-Naphthylamine	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2,3,4,6-Tetrachlorophenol	R	1400 U	1600 U	1400 U	1700 U	1500 U	1400 U	3300 U
Diethylphthalate	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Fluorene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
4-Chlorophenyl-phenylether	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
5-Nitro-o-toluidine	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
4-Nitroaniline	R	3300 U	3700 U	3300 U	3900 U	3500 U	3100 U	7700 U
4,6-Dinitro-2-methylphenol	R	3300 U	3700 U	3300 U	3900 U	3500 U	3100 U	7700 U
Diphenylamine	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
sym-Trinitrobenzene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
4-Bromophenyl-phenylether	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Phenacetin	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Diallate	R	1400 U	1600 U	1400 U	1700 U	1500 U	1400 U	3300 U
Hexachlorobenzene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U

Sample ID	SB 30	SB 33	SB 33	SB 38	SB 38	SB 40	SB 41	SB 41
Upper Depth (feet)	7	1	8	3	7.5	6	1	4
Lower Depth (feet)	9	4	12	7.5	10	10	4	6
Soil/Fill Type	NATIVE	IMP FILL	NATIVE	IMP FILL	NATIVE	NATIVE-IMP FILL	IMP FILL	IMP FILL/PRO FILL/
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/5/93	9/17/93	9/17/93	10/4/93	10/4/93	9/15/93	9/16/93	9/16/93
Date Analyzed	11/13/93	11/1/93	11/1/93	11/10/93	11/10/93	11/1/93	10/30/93	10/30/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Pentachlorophenol	R	3300 U	3700 U	3300 U	3900 U	3500 U	3100 U	7700 U
Pronamide	R	1400 U	1600 U	1400 U	1700 U	1500 U	1400 U	3300 U
Pentachloronitrobenzene	R	1400 U	1600 U	1400 U	1700 U	1500 U	1400 U	3300 U
Phenanthrene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Anthracene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Carbazole	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Di-n-butylphthalate	R	930 U	1000 U	76 J	93 J	1000 U	1400 U	3300 U
4-Nitroquinoline-1-oxide	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Methapyrilene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Isodrin	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Fluoranthene	R	740 U	820 U	740 U	870 U	790 U	700 U	250 J
Pyrene	R	740 U	820 U	740 U	870 U	790 U	700 U	380 J
Aramite	R	1400 U	1600 U	1400 U	1700 U	1500 U	1400 U	3300 U
p-(Dimethylamino)azobenzene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Chlorobenzilate	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
3,3'-Dimethylbenzidine	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Kepone	R	1400 U	1600 U	1400 U	1700 U	1500 U	1400 U	3300 U
Butylbenzylphthalate	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
2-Acetylaminofluorene	R	1400 U	1600 U	1400 U	1700 U	1500 U	1400 U	3300 U
3,3'-Dichlorobenzidine	R	1400 U	1600 U	1400 U	1700 U	1500 U	1400 U	3300 U
Benzo(a)anthracene	R	740 U	820 U	740 U	870 U	790 U	700 U	250 J
Chrysene	R	740 U	820 U	740 U	870 U	790 U	700 U	570 J
Bis(2-ethylhexyl)phthalate	R	310 J	200 J	740 U	310 J	460 J	300 J	1700 U
Di-n-octylphthalate	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Benzo(b)fluoranthene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
7,12-Dimethylbenz(a)anthracene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Benzo(k)fluoranthene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Benzo(a)pyrene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
3-Methylcholanthrene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Indeno(1,2,3-cd)pyrene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Dibenzo(a,h)anthracene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Benzo(g,h,i)perylene	R	740 U	820 U	740 U	870 U	790 U	700 U	1700 U
Creosote (calculated)								

Sample ID	SB 30	SB 33	SB 33	SB 38	SB 38	SB 40	SB 41	SB 41
Upper Depth (feet)	7	1	8	3	7.5	8	1	4
Lower Depth (feet)	9	4	12	7.5	10	10	4	6
Soil/Fill Type	NATIVE	IMP FILL	NATIVE	IMP FILL	NATIVE	NATIVE-IMP FILL	IMP FILL	IMP FILL/PRO FILL/
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/6/93	9/17/93	9/17/93	10/4/93	10/4/93	9/15/93	9/16/93	9/16/93
Date Analyzed	11/13/93	11/1/93	11/1/93	11/10/93	11/10/93	11/1/93	10/30/93	10/30/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAPI)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

Sample ID	SB 41	SB 42	SB 42	SB 43	SB 43	SB 43	SB 44	SB 44
Upper Depth (feet)	6	0	8	2	6	12	1.5	10
Lower Depth (feet)	10	6	14	4	8	16	4	12
Soil/Fill Type	NATIVE	IMP FILL-PRO FILL	NATIVE	IMP FILL	PEAT	NATIVE	IMP FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/9/93	9/9/93	9/17/93	9/17/93	9/17/93	10/6/93	10/6/93
Date Analyzed	10/30/93	10/18/93	10/18/93	11/1/93	11/1/93	11/1/93	11/13/93	11/15/93
Remarks							EPA/CDM	EPA/CDM
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Pyridine	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
2-Picoline	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
N-Nitrosomethyl-ethylamine	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Methyl methansulfonate	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
N-Nitrosodiethylamine	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Ethyl methanesulfonate	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Pentachloroethane	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Aniline	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Phenol	710 U	960 UJ	720 U	1900 U	8700 J	360 J	R	R
Bis(2-chloroethyl)ether	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
2-Chlorophenol	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Benzyl alcohol	1400 U	1500 U	1400 U	3700 U	30000 U	2300 U	R	R
o-Cresol	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
bis (2-chloro-1-methylethyl)ether	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Acetophenone	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
N-Nitrosopyrrolidine	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
N-Nitrosomorpholine	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
o-Toluidine	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
N-Nitroso-di-n-propylamine	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Hexachloroethane	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
m & p-Cresol	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Nitrobenzene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
N-Nitrosopiperidine	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Isophorone	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
2-Nitrophenol	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
2,4-Dimethylphenol	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	920 J
Bis(2-chloroethoxy)methane	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
o,o,o,-Triethylphosphorothioate	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
2,4-Dichlorophenol	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
a,a-Dimethylphenethylamine	1400 U	1500 U	1400 U	3700 U	30000 U	2300 U	R	R
1,2,4-Trichlorobenzene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Naphthalene	710 U	290 J	720 U	2900	18000	1100 J	R	25000 J
4-Chloroaniline	1400 U	1500 U	1400 U	3700 U	30000 U	2300 U	R	R
2,6-Dichlorophenol	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Hexachloropropene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Hexachlorobutadiene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
p-Phenylenediamine	4700 U	5200 UJ	4800 UJ	12000 U	100000 U	7700 U	R	R

Sample ID	SB 41	SB 42	SB 42	SB 43	SB 43	SB 43	SB 44	SB 44
Upper Depth (feet)	6	0	8	2	6	12	1.5	10
Lower Depth (feet)	10	6	14	4	8	16	4	12
Soil/Fill Type	NATIVE	IMP FILL-PRO FILL	NATIVE	IMP FILL	PEAT	NATIVE	IMP FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/9/93	9/9/93	9/17/93	9/17/93	9/17/93	10/6/93	10/6/93
Date Analyzed	10/30/93	10/18/93	10/18/93	11/1/93	11/1/93	11/1/93	11/13/93	11/15/93
Remarks							EPA/CDM	EPA/CDM
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
4-Chloro-3-methylphenol	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Isosafrole	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
2-Methylnaphthalene	710 U	190 J	720 U	18000	75000	4300	R	46000 J
1,2,4,5-Tetrachlorobenzene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Hexachlorocyclopentadiene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
2,4,6-Trichlorophenol	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
2,4,5-Trichlorophenol	3200 U	3500 U	3200 U	8500 U	68000 U	5300 U	R	R
Safrole	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
2-Chloronaphthalene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
2-Nitroaniline	3200 U	3500 U	3200 U	8500 U	68000 U	5300 U	R	R
1,4-Naphthoquinone	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Dimethylphthalate	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
m-Dinitrobenzene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Acenaphthylene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
2,6-Dinitrotoluene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
3-Nitroaniline	3200 U	3500 U	3200 U	8500 U	68000 U	5300 U	R	R
Acenaphthene	710 U	790 U	720 U	1300 J	5800 J	320 J	R	19000 J
2,4-Dinitrophenol	3200 U	3500 U	3200 U	8500 U	68000 U	5300 U	R	R
4-Nitrophenol	3200 U	3500 U	3200 U	8500 U	68000 U	5300 U	R	R
Dibenzofuran	710 U	790 U	720 U	660 J	2400 J	140 J	R	18000 J
Pentachlorobenzene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
2,4-Dinitrotoluene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
1-Naphthylamine	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
2-Naphthylamine	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
2,3,4,6-Tetrachlorophenol	1400 U	1500 U	1400 U	3700 U	30000 U	2300 U	R	R
Diethylphthalate	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Fluorene	710 U	790 U	720 U	1800 J	7900 J	420 J	R	12000 J
4-Chlorophenyl-phenylether	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
5-Nitro-o-toluidine	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
4-Nitroaniline	3200 U	3500 U	3200 U	8500 U	68000 U	5300 U	R	R
4,6-Dinitro-2-methylphenol	3200 U	3500 U	3200 U	8500 U	68000 U	5300 U	R	R
Diphenylamine	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
sym-Trinitrobenzene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
4-Bromophenyl-phenylether	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Phenacetin	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Diallate	1400 U	1500 U	1400 U	3700 U	30000 U	2300 U	R	R
Hexachlorobenzene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R

Sample ID	SB 41	SB 42	SB 42	SB 43	SB 43	SB 43	SB 44	SB 44
Upper Depth (feet)	6	0	8	2	6	12	1.5	10
Lower Depth (feet)	10	6	14	4	8	16	4	12
Soil/Fill Type	NATIVE	IMP FILL-PRO FILL	NATIVE	IMP FILL	PEAT	NATIVE	IMP FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/9/93	9/9/93	9/17/93	9/17/93	9/17/93	10/6/93	10/6/93
Date Analyzed	10/30/93	10/18/93	10/18/93	11/1/93	11/1/93	11/1/93	11/13/93	11/15/93
Remarks							EPA/CDM	EPA/CDM
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Pentachlorophenol	3200 U	3500 U	3200 U	8500 U	68000 U	5300 U	R	R
Pronamide	1400 U	1500 U	1400 U	3700 U	30000 U	2300 U	R	R
Pentachloronitrobenzene	1400 U	1500 U	1400 U	3700 U	30000 U	2300 U	R	R
Phenanthrene	710 U	780 J	720 U	3900	14000 J	820 J	R	4900 J
Anthracene	710 U	120 J	720 U	1900 U	15000 U	1200 U	R	1200 J
Carbazole	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Di-n-butylphthalate	1400 U	790 U	110 J	2400 U	15000 U	1200 U	R	480 J
4-Nitroquinoline-1-oxide	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Methapyrilene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Isodrin	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Fluoranthene	710 U	770 J	720 U	1900 U	15000 U	1200 U	R	1400 J
Pyrene	710 U	670 J	720 U	1900 U	15000 U	1200 U	R	910 J
Aramite	1400 U	1500 U	1400 U	3700 U	30000 U	2300 U	R	R
p-(Dimethylamino)azobenzene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Chlorobenzilate	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
3,3'-Dimethylbenzidine	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Kepone	1400 U	1500 U	1400 U	3700 U	30000 U	2300 U	R	R
Butylbenzylphthalate	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
2-Acetylaminofluorene	1400 U	1500 U	1400 U	3700 U	30000 U	2300 U	R	R
3,3'-Dichlorobenzidine	1400 U	1500 U	1400 U	3700 U	30000 U	2300 U	R	R
Benzo(a)anthracene	710 U	640 J	720 U	1900 U	15000 U	1200 U	R	R
Chrysene	710 U	570 J	720 U	260 J	9900 J	820 J	R	R
Bis(2-ethylhexyl)phthalate	300 J	790 U	720 U	930 J	15000 U	1500	70 J	R
Di-n-octylphthalate	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Benzo(b)fluoranthene	710 U	540 J	720 U	1900 U	15000 U	1200 U	R	R
7,12-Dimethylbenz(a)anthracene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Benzo(k)fluoranthene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Benzo(a)pyrene	710 U	330 J	720 U	1900 U	15000 U	1200 U	R	R
3-Methylcholanthrene	710 U	790 U	720 U	1900 U	15000 U	1200 U	R	R
Indeno(1,2,3-cd)pyrene	710 U	230 J	720 U	1900 U	15000 U	1200 U	R	R
Dibenzo(a,h)anthracene	710 U	160 J	720 U	1900 U	15000 U	1200 U	R	R
Benzo(g,h,i)perylene	710 U	170 J	720 U	1900 U	15000 U	1200 U	R	R
Creosote (calculated)								

Sample ID	SB 41	SB 42	SB 42	SB 43	SB 43	SB 43	SB 44	SB 44
Upper Depth (feet)	8	0	8	2	6	12	1.5	10
Lower Depth (feet)	10	6	14	4	8	16	4	12
Soil/Fill Type	NATIVE	IMP FILL-PRO FILL	NATIVE	IMP FILL	PEAT	NATIVE	IMP FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/9/93	9/9/93	9/17/93	9/17/93	9/17/93	10/6/93	10/6/93
Date Analyzed	10/30/93	10/18/93	10/18/93	11/1/93	11/1/93	11/1/93	11/13/93	11/15/93
Remarks							EPA/CDM	EPA/CDM
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

Sample ID	SB 44	SB 47	SB 47	SB 48-2	SB 48-2	SB 48-2	SB 49	SB 49
Upper Depth (feet)	20	4	6	1	5	10	1	8
Lower Depth (feet)	22	6	10	2	6	12	4	9.5
Soil/Fill Type	NATIVE	NATIVE	NATIVE	IMP FILL	PRO FILL	NATIVE	NATIVE-IMP FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/6/93	9/21/93	9/21/93	9/28/93	9/27/93	9/28/93	9/15/93	9/15/93
Date Analyzed	11/15/93	11/10/93	11/10/93	11/10/93	11/7/93	11/7/93	11/1/93	11/1/93
Remarks	EPA/CDM							
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Pyridine	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2-Picoline	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
N-Nitrosomethyl-ethylamine	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Methyl methansulfonate	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
N-Nitrosodiethylamine	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Ethyl methanesulfonate	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Pentachloroethane	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Aniline	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Phenol	R	820 U	810 U	160 J	1400 U	790 U	780 U	810 U
Bis(2-chloroethyl)ether	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2-Chlorophenol	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Benzyl alcohol	R	1600 U	1600 U	3200 U	2700 U	1500 U	1500 U	1600 U
o-Cresol	R	820 U	810 U	290 J	1400 U	790 U	780 U	810 U
bis (2-chloro-1-methylethyl)ether	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Acetophenone	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
N-Nitrosopyrrolidine	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
N-Nitrosomorpholine	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
o-Toluidine	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
N-Nitroso-di-n-propylamine	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Hexachloroethane	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
m & p-Cresol	R	820 U	810 U	960 J	1400 U	790 U	780 U	810 U
Nitrobenzene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
N-Nitrosopiperidine	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Isophorone	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2-Nitrophenol	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2,4-Dimethylphenol	R	820 U	810 U	830 J	1400 U	790 U	780 U	810 U
Bis(2-chloroethoxy)methane	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
o,o,o,-Triethylphosphorothioate	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2,4-Dichlorophenol	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
a,a-Dimethylphenethylamine	R	1600 U	1600 U	3200 U	2700 U	1500 U	1500 U	1600 U
1,2,4-Trichlorobenzene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Naphthalene	110 J	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
4-Chloroaniline	R	1600 U	1600 U	3200 U	2700 U	1500 U	1500 U	1600 U
2,6-Dichlorophenol	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Hexachloropropene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Hexachlorobutadiene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
p-Phenylenediamine	R	5400 U	5300 U	11000 U	9000 U	5200 U	5100 U	5300 U

Sample ID	SB 44	SB 47	SB 47	SB 48-2	SB 48-2	SB 48-2	SB 49	SB 49
Upper Depth (feet)	20	4	6	1	5	10	1	8
Lower Depth (feet)	22	6	10	2	6	12	4	9.5
Soil/Fill Type	NATIVE	NATIVE	NATIVE	IMP FILL	PRO FILL	NATIVE	NATIVE-IMP FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/6/93	9/21/93	9/21/93	9/28/93	9/27/93	9/28/93	9/15/93	9/15/93
Date Analyzed	11/15/93	11/10/93	11/10/93	11/10/93	11/7/93	11/7/93	11/1/93	11/1/93
Remarks	EPA/CDM							
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
4-Chloro-3-methylphenol	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Isosafrole	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2-Methylnaphthalene	1100 J	820 U	810 U	150 J	1400 U	790 U	780 U	810 U
1,2,4,5-Tetrachlorobenzene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Hexachlorocyclopentadiene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2,4,6-Trichlorophenol	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2,4,5-Trichlorophenol	R	3700 U	3600 U	7500 U	6100 U	3500 U	3500 U	3600 U
Safrole	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2-Chloronaphthalene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2-Nitroaniline	R	3700 U	3600 U	7500 U	6100 U	3500 U	3500 U	3600 U
1,4-Naphthoquinone	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Dimethylphthalate	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
m-Dinitrobenzene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Acenaphthylene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2,6-Dinitrotoluene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
3-Nitroaniline	R	3700 U	3600 U	7500 U	6100 U	3500 U	3500 U	3600 U
Acenaphthene	420 J	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2,4-Dinitrophenol	R	3700 U	3600 U	7500 U	6100 U	3500 U	3500 U	3600 U
4-Nitrophenol	R	3700 U	3600 U	7500 U	6100 U	3500 U	3500 U	3600 U
Dibenzofuran	350 J	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Pentachlorobenzene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2,4-Dinitrotoluene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
1-Naphthylamine	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2-Naphthylamine	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2,3,4,6-Tetrachlorophenol	R	1600 U	1600 U	3300 U	2700 U	1500 U	1500 U	1600 U
Diethylphthalate	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Fluorene	190 J	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
4-Chlorophenyl-phenylether	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
5-Nitro-o-toluidine	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
4-Nitroaniline	R	3700 U	3600 U	7500 U	6100 U	3500 U	3500 U	3600 U
4,6-Dinitro-2-methylphenol	R	3700 U	3600 U	7500 U	6100 U	3500 U	3500 U	3600 U
Diphenylamine	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
sym-Trinitrobenzene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
4-Bromophenyl-phenylether	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Phenacetin	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Diallate	R	1600 U	1600 U	3200 U	2700 U	1500 U	1500 U	1600 U
Hexachlorobenzene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 44	SB 47	SB 47	SB 48-2	SB 48-2	SB 48-2	SB 49	SB 49
Upper Depth (feet)	20	4	6	1	5	10	1	8
Lower Depth (feet)	22	6	10	2	6	12	4	9.5
Soil/Fill Type	NATIVE	NATIVE	NATIVE	IMP FILL	PRO FILL	NATIVE	NATIVE-IMP FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/6/93	9/21/93	9/21/93	9/28/93	9/27/93	9/28/93	9/15/93	9/15/93
Date Analyzed	11/15/93	11/10/93	11/10/93	11/10/93	11/7/93	11/7/93	11/1/93	11/1/93
Remarks	EPA/CDM							
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Pentachlorophenol	R	3700 U	3600 U	7500 U	6100 U	3500 U	3500 U	3600 U
Pronamide	R	1600 U	1600 U	3200 U	2700 U	1500 U	1500 U	1600 U
Pentachloronitrobenzene	R	1600 U	1600 U	3200 U	2700 U	1500 U	1500 U	1600 U
Phenanthrene	100 J	330 J	810 U	1700 U	170 J	790 U	73 J	90 J
Anthracene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Carbazole	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Di-n-butylphthalate	79 J	890 U	880 U	1700 U	5500 U	3200 U	990 U	1000 U
4-Nitroquinoline-1-oxide	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Methapyrilene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Isodrin	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Fluoranthene	R	400 J	810 U	630 J	1400 U	790 U	72 J	78 J
Pyrene	R	360 J	810 U	3600	170 J	790 U	72 J	810 U
Aramite	R	1600 U	1600 U	3200 U	2700 U	1500 U	1500 U	1600 U
p-(Dimethylamino)azobenzene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Chlorobenzilate	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
3,3'-Dimethylbenzidine	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Kepone	R	1600 U	1600 U	3200 U	2700 U	1500 U	1500 U	1600 U
Butylbenzylphthalate	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
2-Acetylaminofluorene	R	1600 U	1600 U	3200 U	2700 U	1500 U	1500 U	1600 U
3,3'-Dichlorobenzidine	R	1600 U	1600 U	3200 U	2700 U	1500 U	1500 U	1600 U
Benzo(a)anthracene	R	140 J	810 U	1700 U	1400 U	790 U	780 U	810 U
Chrysene	R	200 J	810 U	670 J	1400 U	790 U	78 J	810 U
Bis(2-ethylhexyl)phthalate	R	820 U	180 J	1700 U	1400 U	160 J	87 J	1500
Di-n-octylphthalate	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Benzo(b)fluoranthene	R	300 J	810 U	1700 U	1400 U	790 U	780 U	810 U
7,12-Dimethylbenz(a)anthracene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Benzo(k)fluoranthene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Benzo(a)pyrene	R	150 J	810 U	1700 U	1400 U	790 U	780 U	810 U
3-Methylcholanthrene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Indeno(1,2,3-cd)pyrene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Dibenzo(a,h)anthracene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Benzo(g,h,i)perylene	R	820 U	810 U	1700 U	1400 U	790 U	780 U	810 U
Creosote (calculated)								

Sample ID	SB 44	SB 47	SB 47	SB 48-2	SB 48-2	SB 48-2	SB 49	SB 49
Upper Depth (feet)	20	4	6	1	5	10	1	8
Lower Depth (feet)	22	8	10	2	6	12	4	9.5
Soil/Fill Type	NATIVE	NATIVE	NATIVE	IMP FILL	PRO FILL	NATIVE	NATIVE-IMP FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	10/6/93	9/21/93	9/21/93	9/28/93	9/27/93	9/28/93	9/15/93	9/15/93
Date Analyzed	11/15/93	11/10/93	11/10/93	11/10/93	11/7/93	11/7/93	11/1/93	11/1/93
Remarks	EPA/CDM							
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as *received from lab.*

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

Sample ID	SB 49	SB 49	SB 50	SB 50	SB 52-1	SB 52-1	SB 52-1	SB 54
Upper Depth (feet)	12	18	2	6	2	12	18	2
Lower Depth (feet)	14	20	6	8	6	16	20	6
Soil/Fill Type	PEAT	NATIVE	IMP FILL-NATIVE	NATIVE	PRO FILL	PEAT	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/15/93	9/15/93	9/9/93	9/9/93	10/7/93	10/7/93	10/7/93	9/21/93
Date Analyzed	11/1/93	11/1/93	10/18/93	10/19/93	11/12/93	11/12/93	11/12/93	11/7/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Pyridine	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
2-Picoline	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
N-Nitrosomethyl-ethylamine	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Methyl methansulfonate	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
N-Nitrosodiethylamine	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Ethyl methanesulfonate	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Pentachloroethane	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Aniline	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Phenol	3400 U	930 U	1600 UJ	720 U	3200 U	4200 U	1000 U	1300 U
Bis(2-chloroethyl)ether	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
2-Chlorophenol	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Benzyl alcohol	6500 U	1800 U	5900 U	1400 U	6300 U	8100 U	2000 U	2500 U
o-Cresol	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
bis (2-chloro-1-methylethyl)ether	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Acetophenone	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
N-Nitrosopyrrolidine	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
N-Nitrosomorpholine	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
o-Toluidine	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
N-Nitroso-di-n-propylamine	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Hexachloroethane	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
m & p-Cresol	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Nitrobenzene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
N-Nitrosopiperidine	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Isophorone	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
2-Nitrophenol	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
2,4-Dimethylphenol	430 J	930 U	3000 U	720 U	3200 U	390 J	1000 U	500 J
Bis(2-chloroethoxy)methane	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
o,o,o,-Triethylphosphorothioate	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
2,4-Dichlorophenol	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
a,a-Dimethylphenethylamine	6500 U	1800 U	5900 U	1400 U	6300 U	8100 U	2000 U	2500 U
1,2,4-Trichlorobenzene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Naphthalene	3400 U	930 U	1200 J	190 J	4800	4200 U	1000 U	290 J
4-Chloroaniline	6500 U	1800 U	5900 U	1400 U	6300 U	8100 U	2000 U	2500 U
2,6-Dichlorophenol	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Hexachloropropene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Hexachlorobutadiene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
p-Phenylenediamine	22000 U	6100 U	20000 UJ	4800 UJ	21000 U	28000 U	6800 U	8400 U

Sample ID	SB 49	SB 49	SB 50	SB 50	SB 52-1	SB 52-1	SB 52-1	SB 54
Upper Depth (feet)	12	18	2	6	2	12	18	2
Lower Depth (feet)	14	20	6	8	6	16	20	6
Soil/Fill Type	PEAT	NATIVE	IMP FILL-NATIVE	NATIVE	PRO FILL	PEAT	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/15/93	9/15/93	9/9/93	9/9/93	10/7/93	10/7/93	10/7/93	9/21/93
Date Analyzed	11/1/93	11/1/93	10/18/93	10/19/93	11/12/93	11/12/93	11/12/93	11/7/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
4-Chloro-3-methylphenol	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Isosafrole	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
2-Methylnaphthalene	3400 U	930 U	1100 J	720 U	640 J	4200 U	1000 U	220 J
1,2,4,5-Tetrachlorobenzene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Hexachlorocyclopentadiene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
2,4,6-Trichlorophenol	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
2,4,5-Trichlorophenol	15000 U	4200 U	14000 U	3200 U	14000 U	19000 U	4600 U	5800 U
Safrole	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
2-Chloronaphthalene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
2-Nitroaniline	15000 U	4200 U	14000 U	3200 U	14000 U	19000 U	4600 U	5800 U
1,4-Naphthoquinone	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Dimethylphthalate	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
m-Dinitrobenzene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Acenaphthylene	3400 U	930 U	340 J	720 U	3200 U	4200 U	1000 U	1300 U
2,6-Dinitrotoluene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
3-Nitroaniline	15000 U	4200 U	14000 U	3200 U	14000 U	19000 U	4600 U	5800 U
Acenaphthene	3400 U	930 U	2600 J	450 J	3200 U	4200 U	1000 U	1300 U
2,4-Dinitrophenol	15000 U	4200 U	14000 U	3200 U	14000 U	19000 U	4600 U	5800 U
4-Nitrophenol	15000 U	4200 U	14000 U	3200 U	14000 U	19000 U	4600 U	5800 U
Dibenzofuran	3400 U	930 U	2000 J	310 J	3200 U	4200 U	1000 U	1300 U
Pentachlorobenzene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
2,4-Dinitrotoluene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
1-Naphthylamine	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
2-Naphthylamine	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
2,3,4,6-Tetrachlorophenol	6500 U	1800 U	5900 U	1400 U	6300 U	8100 U	2000 U	2500 U
Diethylphthalate	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Fluorene	3400 U	930 U	3500	570 J	3200 U	4200 U	1000 U	310 J
4-Chlorophenyl-phenylether	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
5-Nitro-o-toluidine	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
4-Nitroaniline	15000 U	4200 U	14000 U	3200 U	14000 U	19000 U	4600 U	5800 U
4,6-Dinitro-2-methylphenol	15000 U	4200 U	14000 U	3200 U	14000 U	19000 U	4600 U	5800 U
Diphenylamine	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
sym-Trinitrobenzene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
4-Bromophenyl-phenylether	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Phenacetin	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Diallate	6500 U	1800 U	5900 U	1400 U	6300 U	8100 U	2000 U	2500 U
Hexachlorobenzene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U

Sample ID	SB 49	SB 49	SB 50	SB 50	SB 52-1	SB 52-1	SB 52-1	SB 64
Upper Depth (feet)	12	18	2	6	2	12	18	2
Lower Depth (feet)	14	20	6	8	6	16	20	6
Soil/Fill Type	PEAT	NATIVE	IMP FILL-NATIVE	NATIVE	PRO FILL	PEAT	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/15/93	9/15/93	9/9/93	9/9/93	10/7/93	10/7/93	10/7/93	9/21/93
Date Analyzed	11/1/93	11/1/93	10/18/93	10/19/93	11/12/93	11/12/93	11/12/93	11/7/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Pentachlorophenol	15000 U	4200 U	14000 U	3200 U	14000 U	19000 U	4600 U	5800 U
Pronamide	6500 U	1800 U	5900 U	1400 U	6300 U	8100 U	2000 U	2500 U
Pentachloronitrobenzene	6500 U	1800 U	5900 U	1400 U	6300 U	8100 U	2000 U	2500 U
Phenanthrene	3400 U	930 U	18000	2700	700 J	4200 U	1000 U	900 J
Anthracene	3400 U	930 U	3500	520 J	3200 U	4200 U	1000 U	1300 U
Carbazole	3400 U	930 U	800 J	170 J	3200 U	4200 U	1000 U	1300 U
Di-n-butylphthalate	4200 U	1200 U	480 J	98 J	3200 U	4200 U	110 J	1300 U
4-Nitroquinoline-1-oxide	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Methapyrilene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Isodrin	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Fluoranthene	3400 U	930 U	12000	1800	700 J	4200 U	1000 U	220 J
Pyrene	3400 U	930 U	9500	1400	680 J	4200 U	1000 U	280 J
Aramite	6500 U	1800 U	5900 U	1400 U	6300 U	8100 U	2000 U	2500 U
p-(Dimethylamino)azobenzene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Chlorobenzilate	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
3,3'-Dimethylbenzidine	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Kepone	6500 U	1800 U	5900 U	1400 U	6300 U	8100 U	2000 U	2500 U
Butylbenzylphthalate	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
2-Acetylaminofluorene	6500 U	1800 U	5900 U	1400 U	6300 U	8100 U	2000 U	2500 U
3,3'-Dichlorobenzidine	6500 U	1800 U	5900 U	1400 U	6300 U	8100 U	2000 U	2500 U
Benzo(a)anthracene	3400 U	930 U	4500	650 J	3200 U	4200 U	1000 U	1300 U
Chrysene	3400 U	930 U	5200	830	1500 J	4200 U	1000 U	1300 U
Bis(2-ethylhexyl)phthalate	2100 J	200 J	3000 U	720 U	24000	4500 U	1000 U	1300 U
Di-n-octylphthalate	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Benzo(b)fluoranthene	3400 U	930 U	3000 J	370 J	3200 U	4200 U	1000 U	1300 U
7,12-Dimethylbenz(a)anthracene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Benzo(k)fluoranthene	3400 U	930 U	3300	570 J	3200 U	4200 U	1000 U	1300 U
Benzo(a)pyrene	3400 U	930 U	3100	490 J	3200 U	4200 U	1000 U	1300 U
3-Methylcholanthrene	3400 U	930 U	3000 U	720 U	3200 U	4200 U	1000 U	1300 U
Indeno(1,2,3-cd)pyrene	3400 U	930 U	1500 J	210 J	3200 U	4200 U	1000 U	1300 U
Dibenzo(a,h)anthracene	3400 U	930 U	870 J	720 U	3200 U	4200 U	1000 U	1300 U
Benzo(g,h,i)perylene	3400 U	930 U	680 J	720 U	3200 U	4200 U	1000 U	1300 U
Creosote (calculated)								

Sample ID	SB 49	SB 49	SB 50	SB 50	SB 52-1	SB 52-1	SB 52-1	SB 54
Upper Depth (feet)	12	18	2	6	2	12	18	2
Lower Depth (feet)	14	20	6	8	6	16	20	6
Soil/Fill Type	PEAT	NATIVE	IMP FILL-NATIVE	NATIVE	PRO FILL	PEAT	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/15/93	9/15/93	9/9/93	9/9/93	10/7/93	10/7/93	10/7/93	9/21/93
Date Analyzed	11/1/93	11/1/93	10/18/93	10/19/93	11/12/93	11/12/93	11/12/93	11/7/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

Sample ID	SB 54	SB 54	SB 55	SB 55	SB 58	SB 58	SB 59	SB 59
Upper Depth (feet)	6	9	2	8	2	6	6	6
Lower Depth (feet)	8	12	6	12	4	10	8	8
Soil/Fill Type	PRO FILL	NATIVE	IMP FILL-NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/21/93	9/21/93	9/10/93	9/10/93	9/17/93	9/17/93	9/17/93	9/17/93
Date Analyzed	11/8/93	11/8/93	10/25/93	10/25/93	11/2/93	11/5/93	11/5/93	11/5/93
Remarks								Dup
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Pyridine	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
2-Picoline	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
N-Nitrosomethyl-ethylamine	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Methyl methansulfonate	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
N-Nitrosodiethylamine	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Ethyl methanesulfonate	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Pentachloroethane	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Aniline	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Phenol	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Bis(2-chloroethyl)ether	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
2-Chlorophenol	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Benzyl alcohol	1700 U	1600 U	1400 U	1500 U	1500 U	3100 U	3000 U	3100 U
o-Cresol	860 U	810 U	710 U	750 U	790 U	1600 U	1100 J	520 J
bis (2-chloro-1-methylethyl)ether	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Acetophenone	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
N-Nitrosopyrrolidine	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
N-Nitrosomorpholine	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
o-Toluidine	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
N-Nitroso-di-n-propylamine	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Hexachloroethane	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
m & p-Cresol	860 U	810 U	710 U	750 U	790 U	1600 U	970 J	520 J
Nitrobenzene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
N-Nitrosopiperidine	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Isophorone	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
2-Nitrophenol	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
2,4-Dimethylphenol	860 U	810 U	710 U	750 U	790 U	1600 U	350 J	180 J
Bis(2-chloroethoxy)methane	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
o,o,o,-Triethylphosphorothioate	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
2,4-Dichlorophenol	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
a,a-Dimethylphenethylamine	1700 U	1600 U	1400 U	1500 U	1500 U	3100 U	3000 U	3100 U
1,2,4-Trichlorobenzene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Naphthalene	860 U	810 U	710 U	750 U	790 U	960 J	2400	1200 J
4-Chloroaniline	1700 U	1600 U	1400 U	1500 U	1500 U	3100 U	3000 U	3100 U
2,6-Dichlorophenol	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Hexachloropropene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Hexachlorobutadiene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
p-Phenylenediamine	5600 U	5300 U	4600 U	4900 U	5200 U	11000 U	10000 U	10000 U

Sample ID	SB 54	SB 54	SB 55	SB 55	SB 58	SB 58	SB 59	SB 59
Upper Depth (feet)	6	9	2	8	2	6	6	6
Lower Depth (feet)	8	12	6	12	4	10	8	8
Soil/Fill Type	PRO FILL	NATIVE	IMP FILL-NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/21/93	9/21/93	9/10/93	9/10/93	9/17/93	9/17/93	9/17/93	9/17/93
Date Analyzed	11/8/93	11/8/93	10/25/93	10/25/93	11/2/93	11/5/93	11/5/93	11/5/93
Remarks								Dup
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
4-Chloro-3-methylphenol	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Isosafrole	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
2-Methylnaphthalene	860 U	810 U	710 U	750 U	790 U	350 J	820 J	410 J
1,2,4,5-Tetrachlorobenzene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Hexachlorocyclopentadiene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
2,4,6-Trichlorophenol	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
2,4,5-Trichlorophenol	3800 U	3600 U	3200 U	3400 U	3500 U	7200 U	7000 U	7100 U
Safrole	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
2-Chloronaphthalene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
2-Nitroaniline	3800 U	3600 U	3200 U	3400 U	3500 U	7200 U	7000 U	7100 U
1,4-Naphthoquinone	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Dimethylphthalate	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
m-Dinitrobenzene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Acenaphthylene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
2,6-Dinitrotoluene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
3-Nitroaniline	3800 U	3600 U	3200 U	3400 U	3500 U	7200 U	7000 U	7100 U
Acenaphthene	860 U	810 U	710 U	750 U	790 U	340 J	1600 U	1600 U
2,4-Dinitrophenol	3800 U	3600 U	3200 U	3400 U	3500 U	7200 U	7000 U	7100 U
4-Nitrophenol	3800 U	3600 U	3200 U	3400 U	3500 U	7200 U	7000 U	7100 U
Dibenzofuran	860 U	810 U	710 U	750 U	790 U	240 J	1600 U	1600 U
Pentachlorobenzene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
2,4-Dinitrotoluene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
1-Naphthylamine	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
2-Naphthylamine	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
2,3,4,6-Tetrachlorophenol	1700 U	1600 U	1400 U	1500 U	1500 U	3100 U	3000 U	3100 U
Diethylphthalate	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Fluorene	860 U	810 U	710 U	750 U	790 U	560 J	140 J	1600 U
4-Chlorophenyl-phenylether	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
5-Nitro-o-toluidine	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
4-Nitroaniline	3800 U	3600 U	3200 U	3400 U	3500 U	7200 U	7000 U	7100 U
4,6-Dinitro-2-methylphenol	3800 U	3600 U	3200 U	3400 U	3500 U	7200 U	7000 U	7100 U
Diphenylamine	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
sym-Trinitrobenzene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
4-Bromophenyl-phenylether	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Phenacetin	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Diallate	1700 U	1600 U	1400 U	1500 U	1500 U	3100 U	3000 U	3100 U
Hexachlorobenzene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U

Sample ID	SB 54	SB 54	SB 55	SB 55	SB 58	SB 58	SB 59	SB 59
Upper Depth (feet)	6	9	2	8	2	6	6	6
Lower Depth (feet)	8	12	6	12	4	10	8	8
Soil/Fill Type	PRO FILL	NATIVE	IMP FILL-NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/21/93	9/21/93	9/10/93	9/10/93	9/17/93	9/17/93	9/17/93	9/17/93
Date Analyzed	11/8/93	11/8/93	10/25/93	10/25/93	11/2/93	11/5/93	11/5/93	11/5/93
Remarks								Dup
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Pentachlorophenol	3800 U	3600 U	3200 U	3400 U	3500 U	7200 U	7000 U	7100 U
Pronamide	1700 U	1600 U	1400 U	1500 U	1500 U	3100 U	3000 U	3100 U
Pentachloronitrobenzene	1700 U	1600 U	1400 U	1500 U	1500 U	3100 U	3000 U	3100 U
Phenanthrene	860 U	810 U	74 J	750 U	790 U	2400	630 J	330 J
Anthracene	860 U	810 U	710 U	750 U	790 U	320 J	160 J	1600 U
Carbazole	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Di-n-butylphthalate	920 U	210 J	710 U	750 U	1000 U	1600 U	1600 U	1600 U
4-Nitroquinoline-1-oxide	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Methapyrilene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Isodrin	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Fluoranthene	860 U	810 U	710 U	750 U	790 U	1200 J	350 J	170 J
Pyrene	860 U	810 U	710 U	750 U	790 U	1100 J	400 J	210 J
Aramite	1700 U	1600 U	1400 U	1500 U	1500 U	3100 U	3000 U	3100 U
p-(Dimethylamino)azobenzene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Chlorobenzilate	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
3,3'-Dimethylbenzidine	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Kepone	1700 U	1600 U	1400 U	1500 U	1500 U	3100 U	3000 U	3100 U
Butylbenzylphthalate	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
2-Acetylaminofluorene	1700 U	1600 U	1400 U	1500 U	1500 U	3100 U	3000 U	3100 U
3,3'-Dichlorobenzidine	1700 U	1600 U	1400 U	1500 U	1500 U	3100 U	3000 U	3100 U
Benzo(a)anthracene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Chrysene	860 U	810 U	710 U	750 U	790 U	2700	240 J	1600 U
Bis(2-ethylhexyl)phthalate	860 U	810 U	96 J	120 J	790 U	1600 U	440 J	1600 U
Di-n-octylphthalate	860 U	810 U	120 J	750 U	790 U	1600 U	1600 U	1600 U
Benzo(b)fluoranthene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
7,12-Dimethylbenz(a)anthracene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Benzo(k)fluoranthene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Benzo(a)pyrene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
3-Methylcholanthrene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Indeno(1,2,3-cd)pyrene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Dibenzo(a,h)anthracene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Benzo(g,h,i)perylene	860 U	810 U	710 U	750 U	790 U	1600 U	1600 U	1600 U
Creosote (calculated)								

Sample ID	SB 54	SB 54	SB 55	SB 55	SB 58	SB 58	SB 59	SB 59
Upper Depth (feet)	8	9	2	8	2	6	6	8
Lower Depth (feet)	8	12	6	12	4	10	8	8
Soil/Fill Type	PRO FILL	NATIVE	IMP FILL-NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/21/93	9/21/93	9/10/93	9/10/93	9/17/93	9/17/93	9/17/93	9/17/93
Date Analyzed	11/8/93	11/8/93	10/26/93	10/26/93	11/2/93	11/5/93	11/6/93	11/5/93
Remarks								Dup
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

Sample ID	SB 60	SB 60	SB 60	SB 60	SB 64	SB 64	SB 65	SB 65
Upper Depth (feet)	1	14	24	32	2	8	2	6.75
Lower Depth (feet)	4	20	28	36	4	10	6	8
Soil/Fill Type	IMP FILL	NATIVE	PEAT	NATIVE	NATIVE	NATIVE	IMP FILL-NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/16/93	9/16/93	9/16/93	9/20/93	9/20/93	10/7/93	10/7/93
Date Analyzed	11/6/93	11/6/93	11/5/93	11/5/93	10/31/93	10/31/93	11/12/93	11/17/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Pyridine	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
2-Picoline	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
N-Nitrosomethyl-ethylamine	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Methyl methansulfonate	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
N-Nitrosodiethylamine	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Ethyl methanesulfonate	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Pentachloroethane	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Aniline	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Phenol	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Bis(2-chloroethyl)ether	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
2-Chlorophenol	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Benzyl alcohol	5600 U	2100 U	5000 UJ	1900 U	1400 U	12000 U	5700 U	5800 U
o-Cresol	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
bis (2-chloro-1-methylethyl)ether	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Acetophenone	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
N-Nitrosopyrrolidine	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
N-Nitrosomorpholine	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
o-Toluidine	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
N-Nitroso-di-n-propylamine	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Hexachloroethane	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
m & p-Cresol	2900 U	240 J	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Nitrobenzene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
N-Nitrosopiperidine	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Isophorone	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
2-Nitrophenol	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
2,4-Dimethylphenol	2900 U	260 J	1900 J	960 U	720 U	6200 U	2900 U	3000 U
Bis(2-chloroethoxy)methane	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
o,o,o,-Triethylphosphorothioate	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
2,4-Dichlorophenol	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
a,a-Dimethylphenethylamine	5600 U	2100 U	5000 UJ	1900 U	1400 U	12000 U	5700 U	5800 U
1,2,4-Trichlorobenzene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Naphthalene	1800 J	250 J	660 J	960 U	720 U	2700 J	2900 U	3000 U
4-Chloroaniline	5600 U	2100 U	5000 UJ	1900 U	1400 U	12000 U	5700 U	5800 U
2,6-Dichlorophenol	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Hexachloropropene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Hexachlorobutadiene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
p-Phenylenediamine	19000 U	7200 U	17000 UJ	6300 U	4700 U	41000 U	19000 U	20000 U

Sample ID	SB 60	SB 60	SB 60	SB 60	SB 64	SB 64	SB 65	SB 65
Upper Depth (feet)	1	14	24	32	2	8	2	6.75
Lower Depth (feet)	4	20	28	36	4	10	6	8
Soil/Fill Type	IMP FILL	NATIVE	PEAT	NATIVE	NATIVE	NATIVE	IMP FILL-NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/16/93	9/16/93	9/16/93	9/20/93	9/20/93	10/7/93	10/7/93
Date Analyzed	11/6/93	11/6/93	11/5/93	11/5/93	10/31/93	10/31/93	11/12/93	11/17/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
4-Chloro-3-methylphenol	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Isosafrole	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
2-Methylnaphthalene	5300	2100	660 J	960 U	720 U	4200 J	2900 U	3000 U
1,2,4,5-Tetrachlorobenzene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Hexachlorocyclopentadiene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
2,4,6-Trichlorophenol	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
2,4,5-Trichlorophenol	13000 U	4900 U	12000 UJ	4300 U	3200 U	28000 U	13000 U	13000 U
Safrole	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
2-Chloronaphthalene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
2-Nitroaniline	13000 U	4900 U	12000 UJ	4300 U	3200 U	28000 U	13000 U	13000 U
1,4-Naphthoquinone	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Dimethylphthalate	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
m-Dinitrobenzene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Acenaphthylene	2500 J	170 J	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
2,6-Dinitrotoluene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
3-Nitroaniline	13000 U	4900 U	12000 UJ	4300 U	3200 U	28000 U	13000 U	13000 U
Acenaphthene	7100	2700	860 J	960 U	720 U	6200 U	2900 U	3000 U
2,4-Dinitrophenol	13000 U	4900 U	12000 UJ	4300 U	3200 U	28000 U	13000 U	13000 U
4-Nitrophenol	13000 U	4900 U	12000 UJ	4300 U	3200 U	28000 U	13000 U	13000 U
Dibenzofuran	5400	2000	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Pentachlorobenzene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
2,4-Dinitrotoluene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
1-Naphthylamine	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
2-Naphthylamine	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
2,3,4,6-Tetrachlorophenol	5600 U	2100 U	5000 UJ	1900 U	1400 U	12000 U	5700 U	5800 U
Diethylphthalate	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Fluorene	11000	3900	560 J	960 U	720 U	6200 U	2900 U	3000 U
4-Chlorophenyl-phenylether	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
5-Nitro-o-toluidine	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
4-Nitroaniline	13000 U	4900 U	12000 UJ	4300 U	3200 U	28000 U	13000 U	13000 U
4,6-Dinitro-2-methylphenol	13000 U	4900 U	12000 UJ	4300 U	3200 U	28000 U	13000 U	13000 U
Diphenylamine	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
sym-Trinitrobenzene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
4-Bromophenyl-phenylether	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Phenacetin	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Diallate	5600 U	2100 U	5000 UJ	1900 U	1400 U	12000 U	5700 U	5800 U
Hexachlorobenzene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 60	SB 60	SB 60	SB 60	SB 64	SB 64	SB 65	SB 65
Upper Depth (feet)	1	14	24	32	2	8	2	6.75
Lower Depth (feet)	4	20	28	36	4	10	6	8
Soil/Fill Type	IMP FILL	NATIVE	PEAT	NATIVE	NATIVE	NATIVE	IMP FILL-NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/16/93	9/16/93	9/16/93	9/20/93	9/20/93	10/7/93	10/7/93
Date Analyzed	11/6/93	11/6/93	11/5/93	11/5/93	10/31/93	10/31/93	11/12/93	11/17/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Pentachlorophenol	13000 U	4900 U	12000 UJ	4300 U	3200 U	28000 U	13000 U	13000 U
Pronamide	5600 U	2100 U	5000 UJ	1900 U	1400 U	12000 U	5700 U	5800 U
Pentachloronitrobenzene	5600 U	2100 U	5000 UJ	1900 U	1400 U	12000 U	5700 U	5800 U
Phenanthrene	35000	15000	3200 J	220 J	720 U	3200 J	2900 U	3000 U
Anthracene	9100	4600	890 J	960 U	720 U	6200 U	2900 U	3000 U
Carbazole	2900	190 J	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Di-n-butylphthalate	3300 U	1200 U	2600 UJ	1100 U	720 U	6200 U	350 J	470 J
4-Nitroquinoline-1-oxide	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Methapyrilene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Isodrin	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Fluoranthene	27000	10000	1600 J	100 J	720 U	6200 U	2900 U	3000 U
Pyrene	23000	9500	2200 J	150 J	720 U	6200 U	2900 U	3000 U
Aramite	5600 U	2100 U	5000 UJ	1900 U	1400 U	12000 U	5700 U	5800 U
p-(Dimethylamino)azobenzene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Chlorobenzilate	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
3,3'-Dimethylbenzidine	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Kepone	5600 U	2100 U	5000 UJ	1900 U	1400 U	12000 U	5700 U	5800 U
Butylbenzylphthalate	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
2-Acetylaminofluorene	5600 U	2100 U	5000 UJ	1900 U	1400 U	12000 U	5700 U	5800 U
3,3'-Dichlorobenzidine	5600 U	2100 U	5000 UJ	1900 U	1400 U	12000 U	5700 U	5800 U
Benzo(a)anthracene	10000	3800	1100 J	960 U	720 U	6200 U	2900 U	3000 U
Chrysene	11000	4000	1100 J	960 U	720 U	6200 U	2900 U	3000 U
Bis(2-ethylhexyl)phthalate	2900 U	340 J	600 J	960 U	720 U	6200 U	2900 U	3000 U
Di-n-octylphthalate	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Benzo(b)fluoranthene	5900	2500	510 J	960 U	720 U	6200 U	2900 U	3000 U
7,12-Dimethylbenz(a)anthracene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Benzo(k)fluoranthene	5900	2800	540 J	960 U	720 U	6200 U	2900 U	3000 U
Benzo(a)pyrene	7100	2900	870 J	960 U	720 U	6200 U	2900 U	3000 U
3-Methylcholanthrene	2900 U	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Indeno(1,2,3-cd)pyrene	3700	1000 J	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Dibenzo(a,h)anthracene	1600 J	1100 U	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Benzo(g,h,i)perylene	3700	920 J	2600 UJ	960 U	720 U	6200 U	2900 U	3000 U
Creosote (calculated)								

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 60	SB 60	SB 60	SB 60	SB 64	SB 64	SB 65	SB 65
Upper Depth (feet)	1	14	24	32	2	8	2	6.75
Lower Depth (feet)	4	20	28	36	4	10	6	8
Soil/Fill Type	IMP FILL	NATIVE	PEAT	NATIVE	NATIVE	NATIVE	IMP FILL-NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/16/93	9/16/93	9/16/93	9/20/93	9/20/93	10/7/93	10/7/93
Date Analyzed	11/8/93	11/8/93	11/5/93	11/5/93	10/31/93	10/31/93	11/12/93	11/17/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

Sample ID	SB 68	SB 68	SB 70	SB 70	SB 71	SB 71	SB 71-1	SB 75
Upper Depth (feet)	4	10	4	8	2	8	10	3
Lower Depth (feet)	8	12	8	14	4	10	12	6
Soil/Fill Type	PRO FILL-IMP FILL	NATIVE	IMP FILL-NATIVE	NATIVE	IMP FILL	IMP FILL	NATIVE-IMP FILL	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	9/4/93	9/4/93	9/20/93	9/20/93	10/7/93	10/4/93
Date Analyzed	10/25/93	10/27/93	10/19/93	10/19/93	11/8/93	11/8/93	11/19/93	11/10/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodimethylamine	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Pyridine	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
2-Picoline	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
N-Nitrosomethyl ethylamine	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Methyl methansulfonate	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
N-Nitrosodiethylamine	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Ethyl methanesulfonate	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Pentachloroethane	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Aniline	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Phenol	2100	3100	690 U	760 U	700 U	830 U	780 U	740 U
Bis(2-chloroethyl)ether	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
2-Chlorophenol	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Benzyl alcohol	1400 U	2600 U	1300 U	1500 U	1400 U	1600 U	1500 U	1400 U
o-Cresol	120 J	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
bis (2-chloro-1-methylethyl)ether	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Acetophenone	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
N-Nitrosopyrrolidine	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
N-Nitrosomorpholine	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
o-Toluidine	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
N-Nitroso-di-n-propylamine	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Hexachloroethane	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
m & p-Cresol	340 J	130 J	690 U	760 U	700 U	830 U	780 U	740 U
Nitrobenzene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
N-Nitrosopiperidine	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Isophorone	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
2-Nitrophenol	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
2,4-Dimethylphenol	340 J	280 J	690 U	760 U	700 U	830 U	780 U	740 U
Bis(2-chloroethoxy)methane	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
o,o,o,-Triethylphosphorothioate	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
2,4-Dichlorophenol	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
a,a-Dimethylphenethylamine	1400 U	2600 U	1300 U	1500 U	1400 U	1600 U	1500 U	1400 U
1,2,4-Trichlorobenzene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Naphthalene	380 J	530 J	690 U	760 U	700 U	830 U	780 U	740 U
4-Chloroaniline	1400 U	2600 U	1300 U	1500 U	1400 U	1600 U	1500 U	1400 U
2,6-Dichlorophenol	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Hexachloropropene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Hexachlorobutadiene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
p-Phenylenediamine	4600 U	8800 U	4600 UJ	5000 UJ	4600 U	5500 U	5100 U	4900 U

Sample ID	SB 68	SB 68	SB 70	SB 70	SB 71	SB 71	SB 71-1	SB 75
Upper Depth (feet)	4	10	4	8	2	8	10	3
Lower Depth (feet)	8	12	8	14	4	10	12	6
Soil/Fill Type	PRO FILL-IMP FILL	NATIVE	IMP FILL-NATIVE	NATIVE	IMP FILL	IMP FILL	NATIVE-IMP FILL	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	9/4/93	9/4/93	9/20/93	9/20/93	10/7/93	10/4/93
Date Analyzed	10/25/93	10/27/93	10/19/93	10/19/93	11/8/93	11/8/93	11/19/93	11/10/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
N-Nitrosodi-n-butylamine	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
4-Chloro-3-methylphenol	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Isosafrole	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
2-Methylnaphthalene	270 J	440 J	690 U	760 U	700 U	830 U	780 U	740 U
1,2,4,5-Tetrachlorobenzene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Hexachlorocyclopentadiene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
2,4,6-Trichlorophenol	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
2,4,5-Trichlorophenol	3200 U	6000 U	3100 U	3400 U	3100 U	3700 U	3500 U	3300 U
Safrole	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
2-Chloronaphthalene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
2-Nitroaniline	3200 U	6000 U	3100 U	3400 U	3100 U	3700 U	3500 U	3300 U
1,4-Naphthoquinone	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Dimethylphthalate	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
m-Dinitrobenzene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Acenaphthylene	710 U	120 J	690 U	760 U	700 U	830 U	780 U	740 U
2,6-Dinitrotoluene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
3-Nitroaniline	3200 U	6000 U	3100 U	3400 U	3100 U	3700 U	3500 U	3300 U
Acenaphthene	64 J	170 J	690 U	760 U	700 U	830 U	780 U	740 U
2,4-Dinitrophenol	3200 U	6000 U	3100 U	3400 U	3100 U	3700 U	3500 U	3300 U
4-Nitrophenol	3200 U	6000 U	3100 U	3400 U	3100 U	3700 U	3500 U	3300 U
Dibenzofuran	89 J	190 J	690 U	760 U	700 U	830 U	780 U	740 U
Pentachlorobenzene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
2,4-Dinitrotoluene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
1-Naphthylamine	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
2-Naphthylamine	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
2,3,4,6-Tetrachlorophenol	1400 U	2600 U	1300 U	1500 U	1400 U	1600 U	1500 U	1400 U
Diethylphthalate	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Fluorene	120 J	260 J	690 U	760 U	700 U	830 U	780 U	740 U
4-Chlorophenyl-phenylether	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
5-Nitro-o-toluidine	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
4-Nitroaniline	3200 U	6000 U	3100 U	3400 U	3100 U	3700 U	3500 U	3300 U
4,6-Dinitro-2-methylphenol	3200 U	6000 U	3100 U	3400 U	3100 U	3700 U	3500 U	3300 U
Diphenylamine	800	1200 J	690 U	760 U	700 U	830 U	780 U	740 U
sym-Trinitrobenzene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
4-Bromophenyl-phenylether	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Phenacetin	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Diallate	1400 U	2600 U	1300 U	1500 U	1400 U	1600 U	1500 U	1400 U
Hexachlorobenzene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 68	SB 68	SB 70	SB 70	SB 71	SB 71	SB 71-1	SB 75
Upper Depth (feet)	4	10	4	8	2	8	10	3
Lower Depth (feet)	8	12	8	14	4	10	12	6
Soil/Fill Type	PRO FILL-IMP FILL	NATIVE	IMP FILL-NATIVE	NATIVE	IMP FILL	IMP FILL	NATIVE-IMP FILL	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	9/4/93	9/4/93	9/20/93	9/20/93	10/7/93	10/4/93
Date Analyzed	10/25/93	10/27/93	10/19/93	10/19/93	11/8/93	11/8/93	11/19/93	11/10/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
4-Aminobiphenyl	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Pentachlorophenol	3200 U	6000 U	3100 U	3400 U	3100 U	3700 U	3500 U	3300 U
Pronamide	1400 U	2600 U	1300 U	1500 U	1400 U	1600 U	1500 U	1400 U
Pentachloronitrobenzene	1400 U	2600 U	1300 U	1500 U	1400 U	1600 U	1500 U	1400 U
Phenanthrene	710 J	1100 J	690 U	290 J	700 U	830 U	780 U	740 U
Anthracene	120 J	290 J	690 U	760 U	700 U	830 U	780 U	740 U
Carbazole	150 J	260 J	690 U	760 U	700 U	830 U	780 U	740 U
Di-n-butylphthalate	180 J	390 J	690 U	130 J	760 U	910 U	110 J	740 U
4-Nitroquinoline-1-oxide	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Methapyrilene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Isodrin	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Fluoranthene	850 J	1600	690 U	190 J	700 U	830 U	780 U	740 U
Pyrene	710 J	1200 J	690 U	160 J	700 U	830 U	780 U	740 U
Aramite	1400 U	2600 U	1300 U	1500 U	1400 U	1600 U	1500 U	1400 U
p-(Dimethylamino)azobenzene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Chlorobenzilate	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
3,3'-Dimethylbenzidine	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Kepone	1400 U	2600 U	1300 U	1500 U	1400 U	1600 U	1500 U	1400 U
Butylbenzylphthalate	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
2-Acetylaminofluorene	1400 U	2600 U	1300 U	1500 U	1400 U	1600 U	1500 U	1400 U
3,3'-Dichlorobenzidine	1400 U	2600 U	1300 U	1500 U	1400 U	1600 U	1500 U	1400 U
Benzo(a)anthracene	280 J	650 J	690 U	760 U	700 U	830 U	780 U	740 U
Chrysene	390 J	920 J	690 U	760 U	700 U	830 U	780 U	740 U
Bis(2-ethylhexyl)phthalate	710 U	1300 U	690 U	760 U	700 U	210 J	780 U	110 J
Di-n-octylphthalate	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Benzo(b)fluoranthene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
7,12-Dimethylbenz(a)anthracene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Benzo(k)fluoranthene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Benzo(a)pyrene	220 J	630 J	690 U	760 U	700 U	830 U	780 U	740 U
3-Methylcholanthrene	710 U	1300 U	690 U	760 U	700 U	830 U	780 U	740 U
Indeno(1,2,3-cd)pyrene	710 U	380 J	690 U	760 U	700 U	830 U	780 U	740 U
Dibenzo(a,h)anthracene	710 U	200 J	690 U	760 U	700 U	830 U	780 U	740 U
Benzo(g,h,i)perylene	710 U	310 J	690 U	760 U	700 U	830 U	780 U	740 U
Creosote (calculated)	4.7 J	4.2 J						

Sample ID	SB 68	SB 68	SB 70	SB 70	SB 71	SB 71	SB 71-1	SB 75
Upper Depth (feet)	4	10	4	8	2	8	10	3
Lower Depth (feet)	8	12	8	14	4	10	12	6
Soil/Fill Type	PRO FILL-IMP FILL	NATIVE	IMP FILL-NATIVE	NATIVE	IMP FILL	IMP FILL	NATIVE-IMP FILL	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	9/4/93	9/4/93	9/20/93	9/20/93	10/7/93	10/4/93
Date Analyzed	10/25/93	10/27/93	10/19/93	10/19/93	11/8/93	11/8/93	11/19/93	11/10/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

Sample ID	SB 75	SB 77	SB 77	SB 77	SB 77			
Upper Depth (feet)	6	1	5.25	12	14			
Lower Depth (feet)	7	4	6	14	16			
Soil/Fill Type	NATIVE	IMP FILL	PRO FILL	NATIVE	NATIVE-PEAT			
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG			
Date Sampled	10/4/93	9/21/93	9/22/93	9/22/93	9/22/93			
Date Analyzed	11/10/93	11/6/93	11/7/93	11/7/93	11/7/93			
Remarks		EPA/CDM	EPA/CDM	EPA/CDM	EPA/CDM			
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC			
N-Nitrosodimethylamine	820 U	730 U	1500 U	780 U	3100 U			
Pyridine	820 U	730 U	1500 U	780 U	3100 U			
2-Picoline	820 U	730 U	1500 U	780 U	3100 U			
N-Nitrosomethyl-ethylamine	820 U	730 U	1500 U	780 U	3100 U			
Methyl methansulfonate	820 U	730 U	1500 U	780 U	3100 U			
N-Nitrosodiethylamine	820 U	730 U	1500 U	780 U	3100 U			
Ethyl methanesulfonate	820 U	730 U	1500 U	780 U	3100 U			
Pentachloroethane	820 U	730 U	1500 U	780 U	3100 U			
Aniline	820 U	730 U	1500 U	780 U	3100 U			
Phenol	820 U	730 U	1500 U	780 U	3100 U			
Bis(2-chloroethyl)ether	820 U	730 U	1500 U	780 U	3100 U			
2-Chlorophenol	820 U	730 U	1500 U	780 U	3100 U			
Benzyl alcohol	1600 U	1400 U	3000 U	1500 U	6000 U			
o-Cresol	820 U	730 U	1500 U	780 U	3100 U			
bis (2-chloro-1-methylethyl)ether	820 U	730 U	1500 U	780 U	3100 U			
Acetophenone	820 U	730 U	1500 U	780 U	3100 U			
N-Nitrosopyrrolidine	820 U	730 U	1500 U	780 U	3100 U			
N-Nitrosomorpholine	820 U	730 U	1500 U	780 U	3100 U			
o-Toluidine	820 U	730 U	1500 U	780 U	3100 U			
N-Nitroso-di-n-propylamine	820 U	730 U	1500 U	780 U	3100 U			
Hexachloroethane	820 U	730 U	1500 U	780 U	3100 U			
m & p-Cresol	820 U	730 U	1500 U	780 U	3100 U			
Nitrobenzene	820 U	730 U	1500 U	780 U	3100 U			
N-Nitrosopiperidine	820 U	730 U	1500 U	780 U	3100 U			
Isophorone	820 U	730 U	1500 U	780 U	3100 U			
2-Nitrophenol	820 U	730 U	1500 U	780 U	3100 U			
2,4-Dimethylphenol	820 U	730 U	1500 U	780 U	3100 U			
Bis(2-chloroethoxy)methane	820 U	730 U	1500 U	780 U	3100 U			
o,o,o,-Triethylphosphorothioate	820 U	730 U	1500 U	780 U	3100 U			
2,4-Dichlorophenol	820 U	730 U	1500 U	780 U	3100 U			
a,a-Dimethylphenethylamine	1600 U	1400 U	3000 U	1500 U	6000 U			
1,2,4-Trichlorobenzene	820 U	730 U	1500 U	780 U	3100 U			
Naphthalene	820 U	730 U	1500 U	780 U	3100 U			
4-Chloroaniline	1600 U	1400 U	3000 U	1500 U	6000 U			
2,6-Dichlorophenol	820 U	730 U	1500 U	780 U	3100 U			
Hexachloropropene	820 U	730 U	1500 U	780 U	3100 U			
Hexachlorobutadiene	820 U	730 U	1500 U	780 U	3100 U			
p-Phenylenediamine	5400 U	4800 U	10000 U	5100 U	20000 U			

Sample ID	SB 76	SB 77	SB 77	SB 77	SB 77			
Upper Depth (feet)	6	1	5.25	12	14			
Lower Depth (feet)	7	4	8	14	16			
Soil/Fill Type	NATIVE	IMP FILL	PRO FILL	NATIVE	NATIVE-PEAT			
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG			
Date Sampled	10/4/93	9/21/93	9/22/93	9/22/93	9/22/93			
Date Analyzed	11/10/93	11/6/93	11/7/93	11/7/93	11/7/93			
Remarks		EPA/CDM	EPA/CDM	EPA/CDM	EPA/CDM			
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC			
N-Nitrosodi-n-butylamine	820 U	730 U	1500 U	780 U	3100 U			
4-Chloro-3-methylphenol	820 U	730 U	1500 U	780 U	3100 U			
Isosafrole	820 U	730 U	1500 U	780 U	3100 U			
2-Methylnaphthalene	820 U	730 U	530 J	780 U	3100 U			
1,2,4,5-Tetrachlorobenzene	820 U	730 U	1500 U	780 U	3100 U			
Hexachlorocyclopentadiene	820 U	730 U	1500 U	780 U	3100 U			
2,4,6-Trichlorophenol	820 U	730 U	1500 U	780 U	3100 U			
2,4,5-Trichlorophenol	3700 U	3300 U	6900 U	3500 U	14000 U			
Safrole	820 U	730 U	1500 U	780 U	3100 U			
2-Chloronaphthalene	820 U	730 U	1500 U	780 U	3100 U			
2-Nitroaniline	3700 U	3300 U	6900 U	3500 U	14000 U			
1,4-Naphthoquinone	820 U	730 U	1500 U	780 U	3100 U			
Dimethylphthalate	820 U	730 U	1500 U	780 U	3100 U			
m-Dinitrobenzene	820 U	730 U	1500 U	780 U	3100 U			
Acenaphthylene	820 U	730 U	1500 U	780 U	3100 U			
2,6-Dinitrotoluene	820 U	730 U	1500 U	780 U	3100 U			
3-Nitroaniline	3700 U	3300 U	6900 U	3500 U	14000 U			
Acenaphthene	820 U	730 U	1500 U	780 U	3100 U			
2,4-Dinitrophenol	3700 U	3300 U	6900 U	3500 U	14000 U			
4-Nitrophenol	3700 U	3300 U	6900 U	3500 U	14000 U			
Dibenzofuran	820 U	730 U	1500 U	780 U	3100 U			
Pentachlorobenzene	820 U	730 U	1500 U	780 U	3100 U			
2,4-Dinitrotoluene	820 U	730 U	1500 U	780 U	3100 U			
1-Naphthylamine	820 U	730 U	1500 U	780 U	3100 U			
2-Naphthylamine	820 U	730 U	1500 U	780 U	3100 U			
2,3,4,6-Tetrachlorophenol	1600 U	1400 U	3000 U	1500 U	6000 U			
Diethylphthalate	820 U	730 U	1500 U	780 U	3100 U			
Fluorene	820 U	730 U	1500 U	780 U	3100 U			
4-Chlorophenyl-phenylether	820 U	730 U	1500 U	780 U	3100 U			
5-Nitro-o-toluidine	820 U	730 U	1500 U	780 U	3100 U			
4-Nitroaniline	3700 U	3300 U	6900 U	3500 U	14000 U			
4,6-Dinitro-2-methylphenol	3700 U	3300 U	6900 U	3500 U	14000 U			
Diphenylamine	820 U	730 U	1500 U	780 U	3100 U			
sym-Trinitrobenzene	820 U	730 U	1500 U	780 U	3100 U			
4-Bromophenyl-phenylether	820 U	730 U	1500 U	780 U	3100 U			
Phenacetin	820 U	730 U	1500 U	780 U	3100 U			
Diallate	1600 U	1400 U	3000 U	1500 U	6000 U			
Hexachlorobenzene	820 U	730 U	1500 U	780 U	3100 U			

Sample ID	SB 76	SB 77	SB 77	SB 77	SB 77			
Upper Depth (feet)	6	1	5.25	12	14			
Lower Depth (feet)	7	4	8	14	16			
Soil/Fill Type	NATIVE	IMP FILL	PRO FILL	NATIVE	NATIVE-PEAT			
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG			
Date Sampled	10/4/93	9/21/93	9/22/93	9/22/93	9/22/93			
Date Analyzed	11/10/93	11/6/93	11/7/93	11/7/93	11/7/93			
Remarks		EPA/CDM	EPA/CDM	EPA/CDM	EPA/CDM			
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC			
4-Aminobiphenyl	820 U	730 U	1500 U	780 U	3100 U			
Pentachlorophenol	3700 U	3300 U	6900 U	3500 U	14000 U			
Pronamide	1600 U	1400 U	3000 U	1500 U	6000 U			
Pentachloronitrobenzene	1600 U	1400 U	3000 U	1500 U	6000 U			
Phenanthrene	820 U	730 U	1500 J	780 U	3100 U			
Anthracene	820 U	730 U	1500 U	780 U	3100 U			
Carbazole	820 U	730 U	1500 U	780 U	3100 U			
Di-n-butylphthalate	820 U	680 U	1500 U	720 U	2500 U			
4-Nitroquinoline-1-oxide	820 U	730 U	1500 U	780 U	3100 U			
Methapyrilene	820 U	730 U	1500 U	780 U	3100 U			
Isodrin	820 U	730 U	1500 U	780 U	3100 U			
Fluoranthene	820 U	730 U	1500 U	780 U	3100 U			
Pyrene	820 U	730 U	1200 J	780 U	3100 U			
Aramite	1600 U	1400 U	3000 U	1500 U	6000 U			
p-(Dimethylamino)azobenzene	820 U	730 U	1500 U	780 U	3100 U			
Chlorobenzilate	820 U	730 U	1500 U	780 U	3100 U			
3,3'-Dimethylbenzidine	820 U	730 U	1500 U	780 U	3100 U			
Kepone	1600 U	1400 U	3000 U	1500 U	6000 U			
Butylbenzylphthalate	820 U	730 U	1500 U	780 U	3100 U			
2-Acetylaminofluorene	1600 U	1400 U	3000 U	1500 U	6000 U			
3,3'-Dichlorobenzidine	1600 U	1400 U	3000 U	1500 U	6000 U			
Benzo(a)anthracene	820 U	730 U	1500 U	780 U	3100 U			
Chrysene	820 U	730 U	520 J	780 U	3100 U			
Bis(2-ethylhexyl)phthalate	820 U	730 U	1500 U	250 J	1300 J			
Di-n-octylphthalate	820 U	730 U	1500 U	780 U	3100 U			
Benzo(b)fluoranthene	820 U	730 U	1500 U	780 U	3100 U			
7,12-Dimethylbenz(a)anthracene	820 U	730 U	1500 U	780 U	3100 U			
Benzo(k)fluoranthene	820 U	730 U	1500 U	780 U	3100 U			
Benzo(a)pyrene	820 U	730 U	1500 U	780 U	3100 U			
3-Methylcholanthrene	820 U	730 U	1500 U	780 U	3100 U			
Indeno(1,2,3-cd)pyrene	820 U	730 U	1500 U	780 U	3100 U			
Dibenzo(a,h)anthracene	820 U	730 U	1500 U	780 U	3100 U			
Benzo(g,h,i)perylene	820 U	730 U	1500 U	780 U	3100 U			
Creosote (calculated)								

Sample ID	SB 75	SB 77	SB 77	SB 77	SB 77			
Upper Depth (feet)	6	1	5.25	12	14			
Lower Depth (feet)	7	4	8	14	16			
Soil/Fill Type	NATIVE	IMP FILL	PRO FILL	NATIVE	NATIVE-PEAT			
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG			
Date Sampled	10/4/93	9/21/93	9/22/93	9/22/93	9/22/93			
Date Analyzed	11/10/93	11/6/93	11/7/93	11/7/93	11/7/93			
Remarks		EPA/CDM	EPA/CDM	EPA/CDM	EPA/CDM			
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC			

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as *received from lab.*

Hexachlorophene not quantitated (see QAAP)

N-Nitrosodiphenylamine does not separate from diphenylamine (see QAPP).
Creosote results calculated.
Creosote blank = not present

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
ORGANOPHOSPHOROUS PESTICIDE ANALYSIS

Sample ID	MW B4	MW B4	MW G4	MW G4	MW G4	MW G4	MW H4	MW H4
Upper Depth (feet)	4	30	2	10	62	62	0	8
Lower Depth (feet)	8	38	10	18	72	72	4	12
Soil/Fill Type	PRO FILL	NATIVE	NATIVE-IMP FILL	PEAT	NATIVE	NATIVE	PRO FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/12/93	8/12/93	8/30/93	8/30/93	8/31/93	8/31/93	7/2/93	7/2/93
Date Analyzed	9/24/93	9/24/93	10/13/93	10/13/93	10/13/93	10/14/93	8/18/93	8/18/93
Remarks						Dup		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	41 U	45 U	45 U	190 U	41 U	40 U	41 U	41 UJ
Disulfoton	41 U	45 U	45 U	190 U	41 U	40 U	41 U	41 UJ
Famphur	41 U	45 U	45 U	190 U	41 U	40 U	41 U	41 UJ
Methyl parathion	41 U	45 U	45 U	190 U	41 U	40 U	41 U	41 UJ
Parathion	41 U	45 U	45 U	190 U	41 U	40 U	41 U	41 UJ
Phorate	41 U	45 U	45 U	190 U	41 U	40 U	41 U	41 UJ
Sulfotepp	41 U	45 U	45 U	190 U	41 U	40 U	41 U	41 UJ
Thionazin	41 U	45 U	45 U	190 U	41 U	40 U	41 U	41 UJ

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	MW H4	MW H4	MW I4	MW I4	MW I4	MW J4	MW J4	MW J4
Upper Depth (feet)	35	44.5	0	22	44	2	2	18
Lower Depth (feet)	39	49	8	28	48	8	8	22
Soil/Fill Type	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	PRO FILL	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	7/2/93	7/2/93	8/25/93	8/25/93	8/26/93	8/11/93	8/11/93	8/11/93
Date Analyzed	8/18/93	8/18/93	10/8/93	10/8/93	10/13/93	9/24/93	9/24/93	9/24/93
Remarks							Dup	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	45 UJ	42 U	39 U	42 U	39 U	53 UJ	66 UJ	43 UJ
Disulfoton	45 UJ	42 U	39 U	42 U	39 U	53 UJ	66 UJ	43 UJ
Famphur	45 UJ	42 U	39 U	42 U	39 U	53 UJ	66 UJ	43 UJ
Methyl parathion	45 UJ	42 U	39 U	42 U	39 U	53 UJ	66 UJ	43 UJ
Parathion	45 UJ	42 U	39 U	42 U	39 U	53 UJ	66 UJ	43 UJ
Phorate	45 UJ	42 U	39 U	42 U	39 U	53 UJ	66 UJ	43 UJ
Sulfotepp	45 UJ	42 U	39 U	42 U	39 U	53 UJ	66 UJ	43 UJ
Thionazin	45 UJ	42 U	39 U	42 U	39 U	53 UJ	66 UJ	43 UJ

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
ORGANOPHOSPHOROUS PESTICIDE ANALYSIS

Sample ID	MW J4	MW J4	MW K4	MW K4	MW K4-1	MW K4-1	MW L4	MW L4
Upper Depth (feet)	36	68	6	36	6	6	2	22
Lower Depth (feet)	40	74	12	42	12	12	8	30
Soil/Fill Type	NATIVE	NATIVE	PRO FILL	NATIVE	PRO FILL	PRO FILL	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/11/93	8/11/93	6/30/93	6/30/93	7/12/93	7/12/93	7/19/93	7/29/93
Date Analyzed	9/24/93	9/24/93	8/17/93	8/18/93	8/18/93	8/18/93	8/27/93	8/27/93
Remarks						Dup of MW K4-1 6-12		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	45 UJ	44 UJ	50 U	43 U	40 U	40 U	45 U	39 U
Disulfoton	45 UJ	44 UJ	50 U	43 U	40 U	40 U	45 U	39 U
Famphur	45 UJ	44 UJ	50 U	43 U	40 U	40 U	45 U	39 U
Methyl parathion	45 UJ	44 UJ	50 U	43 U	40 U	40 U	45 U	39 U
Parathion	45 UJ	44 UJ	50 U	43 U	40 U	40 U	45 U	39 U
Phorate	45 UJ	44 UJ	50 U	43 U	40 U	40 U	45 U	39 U
Sulfotepp	45 UJ	44 UJ	50 U	43 U	40 U	40 U	45 U	39 U
Thionazin	45 UJ	44 UJ	50 U	43 U	40 U	40 U	45 U	39 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
ORGANOPHOSPHOROUS PESTICIDE ANALYSIS

Sample ID	MW L4	MW L4	MW M4	MW M4	MW M4	MW N4	MW N4	MW N4
Upper Depth (feet)	36	36	4	8	34	0	10	22
Lower Depth (feet)	46	46	8	14	42	4	16	28
Soil/Fill Type	NATIVE	NATIVE	PRO FILL-PEAT	PEAT	NATIVE	IMP FILL	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	7/29/93	7/29/93	8/5/93	8/5/93	8/6/93	8/6/93	8/6/93	8/6/93
Date Analyzed	8/27/93	8/27/93	8/27/93	8/27/93	8/27/93	8/27/93	8/27/93	8/27/93
Remarks		Dup						
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	38 U	38 U	57 U	120 U	39 U		38 U	40 U
Disulfoton	38 U	38 U	57 U	120 U	39 U		38 U	40 U
Famphur	38 U	38 U	57 U	120 U	39 U	37 U	38 U	40 U
Methyl parathion	38 U	38 U	57 U	120 U	39 U	37 U	38 U	40 U
Parathion	38 U	38 U	57 U	120 U	39 U	37 U	38 U	40 U
Phorate	38 U	38 U	57 U	120 U	39 U	37 U	38 U	40 U
Sulfotepp	38 U	38 U	57 U	120 U	39 U	37 U	38 U	40 U
Thionazin	38 U	38 U	57 U	120 U	39 U	37 U	38 U	40 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as *received from lab.*

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
ORGANOPHOSPHOROUS PESTICIDE ANALYSIS

Sample ID	MW 04	MW 04	MW 04	MW V4	MW V4	MW V4	MW W4	MW W4
Upper Depth (feet)	2	18	34	4	14	52	2	8.5
Lower Depth (feet)	8	28	40	8	20	58	8	14
Soil/Fill Type	IMP FILL	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/16/93	8/16/93	8/16/93	8/17/93	8/16/93	8/16/93	7/19/93	7/19/93
Date Analyzed	10/7/93	10/7/93	10/7/93	9/11/93	10/7/93	10/7/93	8/26/93	8/26/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	35 U	37 U	39 U	40 U	41 U	40 U	59 U	41 U
Disulfoton	35 U	37 U	39 U	40 U	41 U	40 U	59 U	41 U
Famphur	35 U	37 U	39 U	40 U	41 U	40 U	59 U	41 U
Methyl parathion	35 U	37 U	39 U	40 U	41 U	40 U	59 U	41 U
Parathion	35 U	37 U	39 U	40 U	41 U	40 U	59 U	41 U
Phorate	35 U	37 U	39 U	40 U	41 U	40 U	59 U	41 U
Sulfotepp	35 U	37 U	39 U	40 U	41 U	40 U	59 U	41 U
Thionazin	35 U	37 U	39 U	40 U	41 U	40 U	59 U	41 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
ORGANOPHOSPHORUS PESTICIDE ANALYSIS

Sample ID	SB 1	SB 1	SB 1	SB 4	SB 4	SB 6	SB 6	SB 7
Upper Depth (feet)	2	8	8	2	8.5	4	14	1
Lower Depth (feet)	6	14	14	4	10	10	16	4
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	NATIVE	PRO FILL	NATIVE	IMP FILL-PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/16/93	8/16/93	8/16/93	9/13/93	9/13/93	9/8/93	9/8/93	9/10/93
Date Analyzed	9/11/93	9/11/93	9/11/93	10/21/93	10/22/93	10/20/93	10/20/93	10/22/93
Remarks			Dup					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	83 U	41 U	44 U	37 U	35 U	49 U	46 U	38 U
Disulfoton	83 U	41 U	44 U	37 U	35 U	49 U	46 U	38 U
Famphur	83 U	41 U	44 U	37 U	35 U	49 U	46 U	38 U
Methyl parathion	83 U	41 U	44 U	37 U	35 U	49 U	46 U	38 U
Parathion	83 U	41 U	44 U	37 U	35 U	49 U	46 U	38 U
Phorate	83 U	41 U	44 U	37 U	35 U	49 U	46 U	38 U
Sulfotepp	83 U	41 U	44 U	37 U	35 U	49 U	46 U	38 U
Thionazin	83 U	41 U	44 U	37 U	35 U	49 U	46 U	38 U

Notes:
Dup = duplicate
IMP FILL = *imported fill*
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

Sample ID	SB 7	SB 7	SB 8	SB 9-1	SB 9-1	SB 10	SB 10	SB 10
Upper Depth (feet)	8	12	12	0	4	2	10	16
Lower Depth (feet)	12	18	18	2	6	6	14	20
Soil/Fill Type	PRO FILL	NATIVE	PEAT-NATIVE	IMP FILL-NATIVE	NATIVE	PRO FILL	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	8/16/93	9/14/93	9/14/93	9/20/93	9/20/93	9/20/93
Date Analyzed	10/23/93	10/22/93	9/11/93	10/22/93	10/22/93	10/19/93	10/18/93	10/18/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	49 U	39 U	42 U	44 U	36 U	5400 UJ	40 UJ	42 UJ
Disulfoton	49 U	39 U	42 U	44 U	36 U	5400 U	40 U	42 U
Famphur	49 U	39 U	42 U	44 U	36 U	5400 U	40 U	42 U
Methyl parathion	49 U	39 U	42 U	44 U	36 U	5400 U	40 U	42 U
Parathion	49 U	39 U	42 U	44 U	36 U	5400 U	40 U	42 U
Phorate	49 U	39 U	42 U	44 U	36 U	5400 U	40 U	42 U
Sulfotepp	49 U	39 U	42 U	44 U	36 U	5400 U	40 U	42 U
Thionazin	49 U	39 U	42 U	44 U	36 U	5400 U	40 U	42 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = *not reported*

Chemical synonyms reported as received from lab.

Sample ID	SB 12	SB 12	SB 13	SB 13	SB 14	SB 14	SB 15	SB 15
Upper Depth (feet)	6	10	2	8	1	2	2	4
Lower Depth (feet)	10	16	6	12	2	6	4	8
Soil/Fill Type	PRO FILL	NATIVE-PRO FILL	PRO FILL	NATIVE	PRO FILL-NATIVE	NATIVE	IMP FILL	NATIVE-IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/8/93	9/8/93	9/20/93	9/20/93	9/15/93	9/15/93	9/13/93	9/13/93
Date Analyzed	10/20/93	10/20/93	10/18/93	10/18/93	10/22/93	10/23/93	10/22/93	10/22/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	59 U	43 U	47 U	37 U	38 U	37 U	35 U	40 U
Disulfoton	59 U	43 U	47 U	37 U	38 U	37 U	35 U	40 U
Famphur	59 U	43 U	47 U	37 U	38 U	37 U	35 U	40 U
Methyl parathion	59 U	43 U	47 U	37 U	38 U	37 U	35 U	40 U
Parathion	59 U	43 U	47 U	37 U	38 U	37 U	35 U	40 U
Phorate	59 U	43 U	47 U	37 U	38 U	37 U	35 U	40 U
Sulfotepp	59 U	43 U	47 U	37 U	38 U	37 U	35 U	40 U
Thionazin	59 U	43 U	47 U	37 U	38 U	37 U	35 U	40 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
ORGANOPHOSPHORUS PESTICIDE ANALYSIS

Sample ID	SB 16	SB 16	SB 16	SB 19	SB 19	SB 20	SB 21	SB 21
Upper Depth (feet)	2	2	10	6	10	8	2	2
Lower Depth (feet)	8	8	16	10	14	10	8	8
Soil/Fill Type	IMP FILL-PRO FILL	IMP FILL-PRO FILL	NATIVE	PRO FILL-NATIVE	NATIVE	PRO FILL	PRO FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/9/93	9/9/93	9/9/93	8/16/93	8/16/93	9/10/93	9/8/93	9/8/93
Date Analyzed	10/20/93	10/20/93	10/20/93	9/11/93	9/11/93	10/22/93	10/20/93	10/22/93
Remarks		Dup of SB 16 2-8						Reanalysis
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	40 UJ	41 UJ	43 UJ	54 U	40 U	66 U	67 UJ	76 UJ
Disulfoton	40 UJ	41 UJ	43 UJ	54 U	40 U	66 U	67 UJ	76 UJ
Famphur	40 UJ	41 UJ	43 UJ	54 U	40 U	66 U	67 UJ	76 UJ
Methyl parathion	40 UJ	41 UJ	43 UJ	54 U	40 U	66 U	67 UJ	76 UJ
Parathion	40 UJ	41 UJ	43 UJ	54 U	40 U	66 U	67 UJ	76 UJ
Phorate	40 UJ	41 UJ	43 UJ	54 U	40 U	66 U	67 UJ	76 UJ
Sulfotepp	40 UJ	41 UJ	43 UJ	54 U	40 U	66 U	67 UJ	76 UJ
Thionazin	40 UJ	41 UJ	43 UJ	54 U	40 U	66 U	67 UJ	76 UJ

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 21	SB 23	SB 23	SB 24	SB 24	SB 26	SB 26	SB 26-1
Upper Depth (feet)	8	3	7	2	8	4	8	0.5
Lower Depth (feet)	12	7	11	6	12	8	10	2
Soil/Fill Type	NATIVE-PRO FILL	IMP FILL	NATIVE	IMP FILL-PRO FILL	NATIVE	PRO FILL	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/8/93	10/5/93	10/5/93	9/8/93	9/8/93	9/24/93	9/23/93	9/24/93
Date Analyzed	10/20/93	11/3/93	11/3/93	10/20/93	10/20/93	10/16/93	10/17/93	10/16/93
Remarks						EPA/CDM		EPA/CDM
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	43 UJ	41 UJ	45 UJ	41 UJ	40 UJ	44 U	48 U	42 U
Disulfoton	43 UJ	41 UJ	45 UJ	41 UJ	40 UJ	44 U	48 U	42 U
Famphur	43 UJ	41 UJ	45 UJ	41 UJ	40 UJ	44 U	48 U	42 U
Methyl parathion	43 UJ	41 UJ	45 UJ	41 UJ	40 UJ	44 U	48 U	42 U
Parathion	43 UJ	41 UJ	45 UJ	41 UJ	40 UJ	44 U	48 U	42 U
Phorate	43 UJ	41 UJ	45 UJ	41 UJ	40 UJ	44 U	48 U	42 U
Sulfotepp	43 UJ	41 UJ	45 UJ	41 UJ	40 UJ	44 U	48 U	42 U
Thionazin	43 UJ	41 UJ	45 UJ	41 UJ	40 UJ	44 U	48 U	42 U

Notes:
Dup = duplicate
IMP FILL = Imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
ORGANOPHOSPHORUS PESTICIDE ANALYSIS

Sample ID	SB 28-1	SB 29	SB 29	SB 29	SB 30	SB 30	SB 30	SB 33
Upper Depth (feet)	2	0.75	0.75	7	0.583	5	7	1
Lower Depth (feet)	4	3	3	9	3	7	9	4
Soil/Fill Type	PRO FILL	IMP FILL	IMP FILL	NATIVE	IMP FILL	PRO FILL	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/24/93	10/7/93	10/7/93	10/7/93	10/5/93	10/5/93	10/5/93	9/17/93
Date Analyzed	10/16/93	11/17/93	11/17/93	11/17/93	11/3/93	11/3/93	11/3/93	10/23/93
Remarks	EPA/CDM		Dup					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	41 U	40 U	38 U	45 U	38 UJ	58 UJ	46 UJ	37 U
Disulfoton	41 U	40 U	38 U	45 U	38 UJ	58 UJ	46 UJ	37 U
Famphur	41 U	40 U	38 U	45 U	38 UJ	58 UJ	46 UJ	37 U
Methyl parathion	41 U	40 U	38 U	45 U	38 UJ	58 UJ	46 UJ	37 U
Parathion	41 U	40 U	38 U	45 U	38 UJ	58 UJ	46 UJ	37 U
Phorate	41 U	40 U	38 U	45 U	38 UJ	58 UJ	46 UJ	37 U
Sulfotepp	41 U	40 U	38 U	45 U	38 UJ	58 UJ	46 UJ	37 U
Thionazin	41 U	40 U	38 U	45 U	38 UJ	58 UJ	46 UJ	37 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 33	SB 36	SB 38	SB 40	SB 41	SB 41	SB 41	SB 42
Upper Depth (feet)	8	3	7.5	8	1	4	8	0
Lower Depth (feet)	12	7.5	10	10	4	6	10	8
Soil/Fill Type	NATIVE	IMP FILL	NATIVE	NATIVE-IMP FILL	IMP FILL	IMP FILL/PRO FILL/	NATIVE	IMP FILL-PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/17/93	10/4/93	10/4/93	9/15/93	9/16/93	9/16/93	9/16/93	9/9/93
Date Analyzed	10/23/93	11/2/93	11/2/93	10/23/93	10/23/93	10/23/93	10/26/93	10/20/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	40 U	37 U	44 U	40 U	36 U	88 U	36 U	40 U
Disulfoton	40 U	37 U	44 U	40 U	36 U	88 U	36 U	40 U
Famphur	40 U	37 U	44 U	40 U	36 U	88 U	36 U	40 U
Methyl parathion	40 U	37 U	44 U	40 U	36 U	88 U	36 U	40 U
Parathion	40 U	37 U	44 U	40 U	36 U	88 U	36 U	40 U
Phorate	40 U	37 U	44 U	40 U	36 U	88 U	36 U	40 U
Sulfotepp	40 U	37 U	44 U	40 U	36 U	88 U	36 U	40 U
Thionazin	40 U	37 U	44 U	40 U	36 U	88 U	36 U	40 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 42	SB 43	SB 43	SB 43	SB 44	SB 44	SB 44	SB 47
Upper Depth (feet)	8	1	8	12	1.5	10	20	4
Lower Depth (feet)	14	2	8	16	4	12	22	6
Soil/Fill Type	NATIVE	IMP FILL	PEAT	NATIVE	IMP FILL	PRO FILL	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/9/93	9/17/93	9/17/93	9/17/93	10/6/93	10/6/93	10/6/93	9/21/93
Date Analyzed	10/20/93	10/23/93	10/23/93	10/23/93	11/3/93	11/3/93	11/3/93	10/18/93
Remarks					EPA/CDM	EPA/CDM	EPA/CDM	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	38 U	36 U	160 U	44 U	38 UJ	60 UJ	38 UJ	42 U
Disulfoton	38 U	36 U	160 U	44 U	38 UJ	60 UJ	38 UJ	42 U
Famphur	38 U	36 U	160 U	44 U	38 UJ	60 UJ	38 UJ	42 U
Methyl parathion	38 U	36 U	160 U	44 U	38 UJ	60 UJ	38 UJ	42 U
Parathion	38 U	36 U	160 U	44 U	38 UJ	60 UJ	38 UJ	42 U
Phorate	38 U	36 U	160 U	44 U	38 UJ	60 UJ	38 UJ	42 U
Sulfotepp	38 U	36 U	160 U	44 U	38 UJ	60 UJ	38 UJ	42 U
Thionazin	38 U	36 U	160 U	44 U	38 UJ	60 UJ	38 UJ	42 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

Sample ID	SB 47	SB 48-2	SB 48-2	SB 48-2	SB 49	SB 49	SB 49	SB 49
Upper Depth (feet)	6	1	5	10	1	8	12	18
Lower Depth (feet)	10	2	6	12	4	9.5	14	20
Soil/Fill Type	NATIVE	IMP FILL	PRO FILL	NATIVE	NATIVE-IMP FILL	NATIVE	PEAT	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/21/93	9/28/93	9/27/93	9/28/93	9/15/93	9/15/93	9/15/93	9/15/93
Date Analyzed	10/18/93	11/2/93	11/2/93	11/2/93	10/23/93	10/23/93	10/23/93	10/23/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	41 UJ	41 U	68 U	39 U	38 U	39 U	170 U	46 U
Disulfoton	41 U	41 U	68 U	39 U	38 U	39 U	170 U	46 U
Famphur	41 U	41 U	68 U	39 U	38 U	39 U	170 U	46 U
Methyl parathion	41 U	41 U	68 U	39 U	38 U	39 U	170 U	46 U
Parathion	41 U	41 U	68 U	39 U	38 U	39 U	170 U	46 U
Phorate	41 U	41 U	68 U	39 U	38 U	39 U	170 U	46 U
Sulfotepp	41 U	41 U	68 U	39 U	38 U	39 U	170 U	46 U
Thionazin	41 U	41 U	68 U	39 U	38 U	39 U	170 U	46 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

Sample ID	SB 50	SB 50	SB 52-1	SB 52-1	SB 52-1	SB 54	SB 54	SB 54
Upper Depth (feet)	2	6	2	12	18	2	6	9
Lower Depth (feet)	6	8	6	16	20	6	8	12
Soil/Fill Type	IMP FILL-NATIVE	NATIVE	PRO FILL	PEAT	NATIVE	PRO FILL	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/9/93	9/9/93	10/7/93	10/7/93	10/7/93	9/21/93	9/21/93	9/21/93
Date Analyzed	10/21/93	10/20/93	11/17/93	11/17/93	11/17/93	10/18/93	10/18/93	10/18/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	39 U	36 U	41 U	210 U	52 U	64 UJ	43 UJ	41 UJ
Disulfoton	39 U	36 U	41 U	210 U	52 U	64 U	43 U	41 U
Famphur	39 U	36 U	41 U	210 U	52 U	64 U	43 U	41 U
Methyl parathion	39 U	36 U	41 U	210 U	52 U	64 U	43 U	41 U
Parathion	39 U	36 U	41 U	210 U	52 U	64 U	43 U	41 U
Phorate	39 U	36 U	41 U	210 U	52 U	64 U	43 U	41 U
Sulfotepp	39 U	36 U	41 U	210 U	52 U	64 U	43 U	41 U
Thionazin	39 U	36 U	41 U	210 U	52 U	64 U	43 U	41 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 55	SB 55	SB 58	SB 58	SB 59	SB 59	SB 60	SB 60
Upper Depth (feet)	2	8	2	6	6	6	1	14
Lower Depth (feet)	6	12	4	10	8	8	4	20
Soil/Fill Type	IMP FILL-NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	NATIVE	IMP FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	9/17/93	9/17/93	9/17/93	9/17/93	9/16/93	9/16/93
Date Analyzed	10/22/93	10/22/93	10/26/93	10/27/93	10/27/93	10/27/93	10/27/93	10/27/93
Remarks						Dup		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	35 U	38 U	40 U	40 U	38 U	65 U	36 UJ	41 UJ
Disulfoton	35 U	38 U	40 U	40 U	38 U	65 U	36 U	41 U
Famphur	35 U	38 U	40 U	40 U	38 U	65 U	36 UJ	41 UJ
Methyl parathion	35 U	38 U	40 U	40 U	38 U	65 U	36 U	41 U
Parathion	35 U	38 U	40 U	40 U	38 U	65 U	36 U	41 U
Phorate	35 U	38 U	40 U	40 U	38 U	65 U	36 U	41 U
Sulfotepp	35 U	38 U	40 U	40 U	38 U	65 U	36 U	41 U
Thionazin	35 U	38 U	40 U	40 U	38 U	65 U	36 U	41 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
ORGANOPHOSPHORUS PESTICIDE ANALYSIS

Sample ID	SB 60	SB 60	SB 64	SB 64	SB 65	SB 65	SB 68	SB 68
Upper Depth (feet)	24	32	2	8	2	8	4	10
Lower Depth (feet)	28	36	4	10	6	10	8	12
Soil/Fill Type	PEAT	NATIVE	NATIVE	NATIVE	IMP FILL-NATIVE	NATIVE	PRO FILL-IMP FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/16/93	9/20/93	9/20/93	10/7/93	10/7/93	9/10/93	9/10/93
Date Analyzed	10/27/93	10/27/93	10/17/93	10/17/93	11/17/93	11/17/93	10/22/93	10/22/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	130 UJ	48 UJ	36 U	38 U	37 U	38 U	35 U	67 U
Disulfoton	130 U	48 U	36 U	38 U	37 U	38 U	35 U	67 U
Famphur	130 UJ	48 UJ	36 U	38 U	37 U	38 U	35 U	67 U
Methyl parathion	130 U	48 U	36 U	38 U	37 U	38 U	35 U	67 U
Parathion	130 U	48 U	36 U	38 U	37 U	38 U	35 U	67 U
Phorate	130 U	48 U	36 U	38 U	37 U	38 U	35 U	67 U
Sulfotepp	130 U	48 U	36 U	38 U	37 U	38 U	35 U	67 U
Thionazin	130 U	48 U	36 U	38 U	37 U	38 U	35 U	67 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported
Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 70	SB 70	SB 71	SB 71	SB 71-1	SB 75	SB 75	SB 77
Upper Depth (feet)	4	8	2	8	10	3	6	5.25
Lower Depth (feet)	8	14	4	10	12	6	7	8
Soil/Fill Type	IMP FILL-NATIVE	NATIVE	IMP FILL	IMP FILL	NATIVE-IMP FILL	IMP FILL	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/4/93	9/4/93	9/20/93	9/20/93	10/7/93	10/4/93	10/4/93	9/22/93
Date Analyzed	10/21/93	10/21/93	10/19/93	10/16/93	11/17/93	11/2/93	11/2/93	10/14/93
Remarks								EPA/CDM
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Dimethoate	35 U	39 U	35 UJ	42 UJ	40 U	38 U	41 U	39 U
Disulfoton	35 U	39 U	35 U	42 U	40 U	38 U	41 U	39 U
Famphur	35 U	39 U	35 U	42 U	40 U	38 U	41 U	39 U
Methyl parathion	35 U	39 U	35 U	42 U	40 U	38 U	41 U	39 U
Parathion	35 U	39 U	35 U	42 U	40 U	38 U	41 U	39 U
Phorate	35 U	39 U	35 U	42 U	40 U	38 U	41 U	39 U
Sulfotepp	35 U	39 U	35 U	42 U	40 U	38 U	41 U	39 U
Thionazin	35 U	39 U	35 U	42 U	40 U	38 U	41 U	39 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 77	SB 77						
Upper Depth (feet)	12	14						
Lower Depth (feet)	14	16						
Soil/Fill Type	NATIVE	NATIVE-PEAT						
Units	UG/KG	UG/KG						
Date Sampled	9/22/93	9/22/93						
Date Analyzed	10/14/93	10/16/93						
Remarks	EPA/CDM	EPA/CDM						
Laboratory	AQUATEC INC	AQUATEC INC						
Dimethoate	39 U	140 U						
Disulfoton	39 U	140 U						
Famphur	39 U	140 U						
Methyl parathion	39 U	140 U						
Parathion	39 U	140 U						
Phorate	39 U	140 U						
Sulfotepp	39 U	140 U						
Thionazin	39 U	140 U						

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES ...C DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CHLORINATED HERBICIDE ANALYSIS

Sample ID	MW B4	MW B4	MW G4	MW G4	MW G4	MW G4	MW H4	MW H4
Upper Depth (feet)	4	30	2	62	62	84	0	8
Lower Depth (feet)	8	38	10	72	72	90	4	12
Soil/Fill Type	PRO FILL	NATIVE	NATIVE-IMP FILL	NATIVE	NATIVE	NATIVE	PRO FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/12/93	8/12/93	8/30/93	8/31/93	8/31/93	9/1/93	7/2/93	7/2/93
Date Analyzed	9/2/93	9/2/93	9/29/93	9/29/93	9/29/93	9/29/93	8/16/93	8/16/93
Remarks					Dup			
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	5.7 U	6.3 U	6.2 U	5.8 U	5.6 U	5.9 U	15 UJ	5.8 UJ
2,4-D	56 U	62 U	61 U	57 U	55 U	57 U	150 UJ	58 UJ
SILVEX	5.7 U	6.3 U	6.2 U	5.8 U	5.6 U	5.9 U	15 UJ	5.8 UJ

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CHLORINATED HERBICIDE ANALYSIS

Sample ID	MW H4	MW H4	MW I4	MW I4	MW I4	MW J4	MW J4	MW J4
Upper Depth (feet)	35	44.5	0	22	44	2	2	18
Lower Depth (feet)	39	49	6	28	48	8	8	22
Soil/Fill Type	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	PRO FILL	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	7/2/93	7/2/93	8/25/93	8/25/93	8/26/93	8/11/93	8/11/93	8/11/93
Date Analyzed	8/16/93	8/16/93	9/29/93	9/29/93	9/29/93	9/2/93	9/2/93	9/2/93
Remarks							Dup	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	6.4 UJ	6 UJ	5.4 U	5.9 U	5.4 U	7.4 UJ	37 J	6 U
2,4-D	64 UJ	60 UJ	53 U	58 U	53 U	72 U	190 U	59 U
SILVEX	6.4 UJ	6 UJ	5.4 U	5.9 U	5.4 U	7.4 U	19 U	6 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

Sample ID	MW J4	MW J4	MW K4	MW K4	MW K4-1	MW K4-1	MW L4	MW L4
Upper Depth (feet)	36	68	6	36	6	6	2	22
Lower Depth (feet)	40	74	12	42	12	12	8	30
Soil/Fill Type	NATIVE	NATIVE	PRO FILL	NATIVE	PRO FILL	PRO FILL	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/11/93	8/11/93	6/30/93	6/30/93	7/12/93	7/12/93	7/19/93	7/29/93
Date Analyzed	9/2/93	9/2/93	8/16/93	8/16/93	8/16/93	8/17/93	8/26/93	8/26/93
Remarks						Dup of MW K4-1 6-12		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	6.3 U	6.2 U	7 UJ	6.1 U	5.6 U	5.6 U	13	5.6 U
2,4-D	62 U	60 U	70 UJ	61 U	56 U	56 U	64 U	56 U
SILVEX	6.3 U	6.2 U	7 UJ	6.1 U	5.6 U	5.6 U	6.4 U	5.6 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

Sample ID	MW L4	MW L4	MW M4	MW M4	MW M4	MW N4	MW N4	MW N4
Upper Depth (feet)	36	36	4	8	34	0	10	22
Lower Depth (feet)	46	46	8	14	42	4	16	28
Soil/Fill Type	NATIVE	NATIVE	PRO FILL-PEAT	PEAT	NATIVE	IMP FILL	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	7/29/93	7/29/93	8/5/93	8/5/93	8/5/93	8/6/93	8/6/93	8/6/93
Date Analyzed	8/26/93	8/26/93	9/17/93	9/17/93	9/17/93	9/17/93	9/17/93	9/17/93
Remarks		Dup	Reanalysis	Reanalysis	Reanalysis	Reanalysis	Reanalysis	Reanalysis
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	5.4 U	5.4 U	8 U	16 U	5.4 U	5.3 UJ	5.3 UJ	5.7 UJ
2,4-D	54 U	54 U	80 U	160 U	54 U	53 UJ	53 UJ	57 UJ
SILVEX	5.4 U	5.4 U	8 U	16 U	5.4 U	5.3 UJ	5.3 UJ	5.7 UJ

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CHLORINATED HERBICIDE ANALYSIS

Sample ID	MW 04	MW 04	MW 04	MW V4	MW V4	MW V4	MW W4	MW W4
Upper Depth (feet)	2	18	34	4	14	52	2	8.5
Lower Depth (feet)	8	26	40	8	20	58	8	14
Soil/Fill Type	IMP FILL	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/16/93	8/16/93	8/16/93	8/17/93	8/16/93	8/16/93	7/19/93	7/19/93
Date Analyzed	9/22/93	9/22/93	9/22/93	9/22/93	9/22/93	9/22/93	8/27/93	8/27/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	4.9 U	5.2 U	5.5 U	5.5 U	5.7 U	5.7 U	43 UJ	5.7 U
2,4-D	48 U	51 U	54 U	54 U	56 U	56 U	430 UJ	57 U
SILVEX	4.9 U	5.2 U	5.5 U	5.5 U	5.7 U	5.7 U	270 J	5.7 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CHLORINATED HERBICIDE ANALYSIS

Sample ID	SB 1	SB 1	SB 1	SB 4	SB 4	SB 6	SB 6	SB 7
Upper Depth (feet)	2	8	8	2	8.5	4	14	1
Lower Depth (feet)	6	14	14	4	10	10	16	4
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	NATIVE	PRO FILL	NATIVE	IMP FILL-PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	8/16/93	8/16/93	8/16/93	9/13/93	9/13/93	9/8/93	9/8/93	9/10/93
Date Analyzed	9/21/93	9/21/93	9/21/93	9/29/93	9/29/93	10/6/93	10/6/93	9/29/93
Remarks			Dup					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	12 U	5.8 U	6.1 U	5.4 U	5 U	6.9 U	6.4 U	6.2 U
2,4-D	120 U	56 U	59 U	53 U	49 U	67 U	63 U	61 U
SILVEX	12 U	5.8 U	6.1 U	5.4 U	5 U	6.9 U	6.4 U	6.2 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

Sample ID	SB 7	SB 7	SB 8	SB 8	SB 9-1	SB 9-1	SB 10	SB 10
Upper Depth (feet)	8	12	4	12	0	4	2	10
Lower Depth (feet)	12	16	10	18	2	8	8	14
Soil/Fill Type	PRO FILL	NATIVE	PRO FILL	PEAT-NATIVE	IMP FILL-NATIVE	NATIVE	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	8/16/93	8/16/93	9/14/93	9/14/93	9/20/93	9/20/93
Date Analyzed	10/27/93	9/29/93	9/21/93	9/21/93	10/13/93	10/13/93	11/3/93	11/3/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	7.1 UJ	56 U	7.5 U	5.9 U	7.2 U	5.1 U	4000	58 U
2,4-D	69 UJ	55 U	73 U	58 U	70 U	50 U	7600 U	570 U
SILVEX	7.1 UJ	56 U	7.5 U	5.9 U	7.2 UJ	5.1 UJ	780 U	58 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

Sample ID	SB 10	SB 12	SB 12	SB 13	SB 13	SB 14	SB 14	SB 15
Upper Depth (feet)	18	8	10	2	8	1	2	2
Lower Depth (feet)	20	10	16	6	12	2	6	4
Soil/Fill Type	NATIVE	PRO FILL	NATIVE-PRO FILL	PRO FILL	NATIVE	PRO FILL-NATIVE	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/20/93	9/8/93	9/8/93	9/20/93	9/20/93	9/15/93	9/15/93	9/13/93
Date Analyzed	11/3/93	10/6/93	10/6/93	10/15/93	10/15/93	10/8/93	10/8/93	9/29/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	6.1 U	8.3 U	6.2 U	6.8 U	5.4 U	5.4 U	5.3 U	49 U
2,4-D	60 U	82 U	61 U	66 U	52 U	53 U	52 U	48 U
SILVEX	6.1 U	8.3 U	6.2 U	6.8 U	5.4 U	5.4 U	5.3 U	49 U

Notes:
Dup = duplicate
IMP FILL = *imported fill*
PRO FILL = processed fill
PEAT = *native peat soil*
NATIVE = native soil
EPA/CDM = *split sample*
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CHLORINATED HERBICIDE ANALYSIS

Sample ID	SB 15	SB 16	SB 16	SB 16	SB 19	SB 19	SB 20	SB 21
Upper Depth (feet)	4	2	2	10	6	10	8	2
Lower Depth (feet)	8	8	8	16	10	14	10	8
Soil/Fill Type	NATIVE-IMP FILL	IMP FILL-PRO FILL	IMP FILL-PRO FILL	NATIVE	PRO FILL-NATIVE	NATIVE	PRO FILL	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/13/93	9/9/93	9/9/93	9/9/93	8/16/93	8/16/93	9/10/93	9/8/93
Date Analyzed	9/29/93	10/6/93	10/6/93	10/6/93	9/22/93	9/22/93	9/29/93	10/8/93
Remarks			Dup of SB 16 2-8					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	5.7 U	5.7 U	6.1 U	6 U	7.5 U	5.7 U	9.4 U	9.5 UJ
2,4-D	56 U	56 U	59 U	59 U	74 U	56 U	92 U	93 UJ
SILVEX	5.7 U	5.7 U	6.1 U	6 U	7.5 U	5.7 U	9.4 U	9.5 UJ

Notes:
Dup = duplicate
IMP FILL = Imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CHLORINATED HERBICIDE ANALYSIS

Sample ID	SB 21	SB 23	SB 23	SB 24	SB 24	SB 26	SB 26	SB 26-1
Upper Depth (feet)	8	3	7	2	8	4	8	0.5
Lower Depth (feet)	12	7	11	6	12	8	10	2
Soil/Fill Type	NATIVE-PRO FILL	IMP FILL	NATIVE	IMP FILL-PRO FILL	NATIVE	PRO FILL	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/8/93	10/5/93	10/5/93	9/8/93	9/8/93	9/24/93	9/23/93	9/24/93
Date Analyzed	10/8/93	11/10/93	11/10/93	10/8/93	10/8/93	10/13/93	10/13/93	10/13/93
Remarks						EPA/CDM		EPA/CDM
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	6.2 UJ	12 U	6.3 U	5.9 UJ	5.6 UJ	6.6	6.9 U	6 U
2,4-D	61 UJ	120 U	62 U	57 UJ	55 UJ	62 U	68 U	59 U
SILVEX	6.2 UJ	12 UJ	6.3 UJ	5.9 UJ	5.6 UJ	6.3 U	6.9 U	6 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

Sample ID	SB 26-1	SB 29	SB 29	SB 29	SB 30	SB 30	SB 30	SB 33
Upper Depth (feet)	2	0.75	0.75	7	0.583	5	7	1
Lower Depth (feet)	4	3	3	9	3	7	9	4
Soil/Fill Type	PRO FILL	IMP FILL	IMP FILL	NATIVE	IMP FILL	PRO FILL	NATIVE	IMP FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/24/93	10/7/93	10/7/93	10/7/93	10/6/93	10/6/93	10/6/93	9/17/93
Date Analyzed	10/13/93	11/1/93	11/2/93	11/1/93	11/10/93	11/10/93	11/10/93	10/8/93
Remarks	EPA/CDM		Dup					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	5.8 U	5.7 U	5.3 U	6.4 U	5.3 U	17 U	6.5 U	5.3 U
2,4-D	57 U	56 U	420	62 U	52 U	170 U	64 U	52 U
SILVEX	5.8 U	5.7 UJ	83	6.4 UJ	5.3 UJ	17 UJ	6.5 UJ	5.3 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

Sample ID	SB 33	SB 38	SB 38	SB 40	SB 41	SB 41	SB 41	SB 42
Upper Depth (feet)	8	3	7.5	6	1	4	6	0
Lower Depth (feet)	12	7.5	10	10	4	6	10	6
Soil/Fill Type	NATIVE	IMP FILL	NATIVE	NATIVE-IMP FILL	IMP FILL	IMP FILL/PRO FILL/	NATIVE	IMP FILL-PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/17/93	10/4/93	10/4/93	9/15/93	9/16/93	9/16/93	9/16/93	9/9/93
Date Analyzed	10/8/93	10/22/93	11/9/93	10/8/93	10/8/93	10/8/93	10/8/93	10/8/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	5.9 U	5.2 U	6.2 U	5.7 U	5.1 U	13 U	5.1 U	5.7 U
2,4-D	58 U	51 U	61 U	55 U	50 U	130 U	50 U	56 U
SILVEX	5.9 U	5.2 UJ	6.2 UJ	5.7 U	5.1 U	13 U	5.1 U	5.7 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

Sample ID	SB 42	SB 43	SB 43	SB 43	SB 44	SB 44	SB 44	SB 47
Upper Depth (feet)	8	1	6	12	1.5	10	20	4
Lower Depth (feet)	14	2	8	16	4	12	22	6
Soil/Fill Type	NATIVE	IMP FILL	PEAT	NATIVE	IMP FILL	PRO FILL	NATIVE	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/9/93	9/17/93	9/17/93	9/17/93	10/6/93	10/6/93	10/6/93	9/21/93
Date Analyzed	10/8/93	10/8/93	10/9/93	10/9/93	11/10/93	11/10/93	11/10/93	11/3/93
Remarks					EPA/CDM	EPA/CDM	EPA/CDM	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	5.3 U	5.2 U	22 U	6.3 U	5.6 U	85 U	5.3 U	6 U
2,4-D	52 U	51 U	220 U	62 U	53 U	830 U	52 U	59 U
SILVEX	5.3 U	5.2 U	22 U	6.3 U	5.6 UJ	85 UJ	5.3 UJ	6 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CHLORINATED HERBICIDE ANALYSIS

Sample ID	SB 47	SB 48-2	SB 48-2	SB 48-2	SB 49	SB 49	SB 49	SB 49
Upper Depth (feet)	6	1	6	10	1	8	12	18
Lower Depth (feet)	10	2	6	12	4	9.5	14	20
Soil/Fill Type	NATIVE	IMP FILL	PRO FILL	NATIVE	NATIVE-IMP FILL	NATIVE	PEAT	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/21/93	9/28/93	9/27/93	9/28/93	9/15/93	9/15/93	9/15/93	9/15/93
Date Analyzed	11/3/93	11/10/93	11/9/93	11/9/93	10/9/93	10/9/93	10/9/93	10/9/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	5.9 U	34	9.8 U	5.7 U	5.6 U	5.8 U	24 U	6.7 U
2,4-D	58 U	120 U	96 U	56 U	55 U	57 U	240 U	65 U
SILVEX	5.9 U	12 UJ	9.8 UJ	5.7 UJ	5.6 U	5.8 U	24 U	6.7 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as *received from lab.*

Dinoseb reported with Semivolatile analysis.

Sample ID	SB 50	SB 50	SB 52-1	SB 52-1	SB 52-1	SB 54	SB 54	SB 54
Upper Depth (feet)	2	6	2	12	18	2	6	9
Lower Depth (feet)	6	8	6	16	20	6	8	12
Soil/Fill Type	IMP FILL-NATIVE	NATIVE	PRO FILL	PEAT	NATIVE	PRO FILL	PRO FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/9/93	9/9/93	10/7/93	10/7/93	10/7/93	9/21/93	9/21/93	9/21/93
Date Analyzed	10/8/93	10/8/93	11/2/93	11/2/93	11/2/93	11/3/93	11/3/93	11/3/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	5.5 U	5.2 U	8.3	30 U	7.5 U	9.3 U	6.2 U	5.9 U
2,4-D	54 U	51 U	57 U	300 U	74 U	91 U	61 U	58 U
SILVEX	5.5 U	5.2 U	5.8 UJ	30 UJ	7.5 UJ	9.3 U	6.4	5.9 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CHLORINATED HERBICIDE ANALYSIS

Sample ID	SB 55	SB 55	SB 58	SB 58	SB 59	SB 59	SB 60	SB 60
Upper Depth (feet)	2	8	2	6	8	6	1	14
Lower Depth (feet)	6	12	4	10	8	8	4	20
Soil/Fill Type	IMP FILL-NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	NATIVE	IMP FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/10/93	9/10/93	9/17/93	9/17/93	9/17/93	9/17/93	9/16/93	9/16/93
Date Analyzed	10/13/93	10/13/93	10/9/93	10/9/93	10/9/93	10/9/93	10/9/93	10/9/93
Remarks						Dup		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	5.1 U	5.4 U	5.7 U	5.8 U	5.6 U	15 U	5.2 UJ	6 U
2,4-D	50 U	53 U	56 U	57 U	55 U	140 U	51 UJ	59 U
SILVEX	5.1 U	5.4 U	5.7 U	5.8 U	5.6 U	15 U	5.2 UJ	6 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

Sample ID	SB 60	SB 60	SB 64	SB 64	SB 65	SB 65	SB 68	SB 68
Upper Depth (feet)	24	32	2	8	2	8	4	10
Lower Depth (feet)	28	36	4	10	8	10	8	12
Soil/Fill Type	PEAT	NATIVE	NATIVE	NATIVE	IMP FILL-NATIVE	NATIVE	PRO FILL-IMP FILL	NATIVE
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/16/93	9/16/93	9/20/93	9/20/93	10/7/93	10/7/93	9/10/93	9/10/93
Date Analyzed	10/27/93	10/27/93	10/15/93	11/3/93	11/2/93	11/4/93	10/13/93	10/13/93
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	19 U	6.9 U	5.2 U	5.5 U	5.2 U	5.4 U	5.1 U	9.4 U
2,4-D	190 U	67 U	51 U	54 U	51 U	53 U	50 U	92 U
SILVEX	19 U	6.9 U	5.2 U	5.5 U	5.2 UJ	5.4 UJ	5.1 U	9.4 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

Sample ID	SB 70	SB 70	SB 71	SB 71	SB 71-1	SB 75	SB 75	SB 77
Upper Depth (feet)	4	8	2	8	10	3	6	5.25
Lower Depth (feet)	8	14	4	10	12	6	7	8
Soil/Fill Type	IMP FILL-NATIVE	NATIVE	IMP FILL	IMP FILL	NATIVE-IMP FILL	IMP FILL	NATIVE	PRO FILL
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Date Sampled	9/4/93	9/4/93	9/20/93	9/20/93	10/7/93	10/4/93	10/4/93	9/22/93
Date Analyzed	10/8/93	10/8/93	11/4/93	11/4/93	11/4/93	11/9/93	11/10/93	10/13/93
Remarks								EPA/CDM
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
2,4,5-T	5 U	5.5 U	5 U	6.1 U	5.7 U	5.4 U	12 U	5.5 U
2,4-D	49 U	54 U	49 U	60 U	55 U	53 U	120 U	54 U
SILVEX	5 U	5.5 U	5 U	6.1 U	5.7 UJ	5.4 UJ	12 UJ	5.5 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = *not reported*

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

Sample ID	SB 77	SB 77						
Upper Depth (feet)	12	14						
Lower Depth (feet)	14	16						
Soil/Fill Type	NATIVE	NATIVE-PEAT						
Units	UG/KG	UG/KG						
Date Sampled	9/22/93	9/22/93						
Date Analyzed	10/13/93	10/13/93						
Remarks	EPA/CDM	EPA/CDM						
Laboratory	AQUATEC INC	AQUATEC INC						
2,4,5-T	5.6 U	120 J						
2,4-D	55 U	1300 J						
SILVEX	5.6 U	150 J						

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Dinoseb reported with Semivolatile analysis.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CYANIDE/SULFIDE ANALYSIS

Sample ID	MW B4	MW B4	MW G4	MW G4	MW G4	MW G4	MW G4	MW H4
Upper Depth (feet)	4	30	2	10	62	62	84	0
Lower Depth (feet)	8	38	10	18	72	72	90	4
Soil/Fill Type	PRO FILL	NATIVE	NATIVE-IMP FILL	PEAT	NATIVE	NATIVE	NATIVE	PRO FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	8/12/93	8/12/93	8/30/93	8/30/93	8/31/93	8/31/93	9/1/93	7/2/93
Date Analyzed								
Remarks						Dup		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	0.09 U	0.1 U	0.09 U	0.4 U	0.08 U	0.09 U	0.09 U	0.92
Sulfide (DW)	57 U	63 U	62 U	260 U	58 U	56 U	59 U	R

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CYANIDE/SULFIDE ANALYSIS

Sample ID	MW H4	MW H4	MW H4	MW I4	MW I4	MW I4	MW J4	MW J4
Upper Depth (feet)	8	35	44.5	0	22	44	2	2
Lower Depth (feet)	12	39	49	6	28	48	8	8
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	PRO FILL	PRO FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	7/2/93	7/2/93	7/2/93	8/25/93	8/25/93	8/26/93	8/11/93	8/11/93
Date Analyzed								
Remarks								Dup
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	36.3 J	0.1 U	0.09 U	0.08 U	0.09 U	0.08 U	2	1.8
Sulfide (DW)	R	R	R	0.54 U	0.59 U	0.54 U	73 U	92 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	MW J4	MW J4	MW J4	MW K4	MW K4	MW K4-1	MW K4-1	MW L4
Upper Depth (feet)	18	36	68	6	36	6	6	2
Lower Depth (feet)	22	40	74	12	42	12	12	8
Soil/Fill Type	NATIVE	NATIVE	NATIVE	PRO FILL	NATIVE	PRO FILL	PRO FILL	PRO FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	8/11/93	8/11/93	8/11/93	6/30/93	6/30/93	7/12/93	7/12/93	7/19/93
Date Analyzed								
Remarks							Dup of MW K4-1 6-12	
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	0.09 U	0.26 J	0.09 UJ	0.11 U	0.09 U	0.09 U	0.08 U	0.1 U
Sulfide (DW)	60 U	63 U	61 U	70 U	R	R	R	63 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CYANIDE/SULFIDE ANALYSIS

Sample ID	MW L4	MW L4	MW L4	MW M4	MW M4	MW M4	MW N4	MW N4
Upper Depth (feet)	22	36	36	4	8	34	0	10
Lower Depth (feet)	30	46	46	8	14	42	4	16
Soil/Fill Type	NATIVE	NATIVE	NATIVE	PRO FILL-PEAT	PEAT	NATIVE	IMP FILL	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	7/29/93	7/29/93	7/29/93	8/5/93	8/5/93	8/5/93	8/6/93	8/6/93
Date Analyzed								
Remarks			Dup					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	0.08 U	0.08 U	0.08 U	1.1	0.34	0.09 U	0.17	0.1
Sulfide (DW)	55 U	54 U	54 U	80 U	160 U	54 U	53 U	53 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CYANIDE/SULFIDE ANALYSIS

Sample ID	MW N4	MW O4	MW O4	MW O4	MW V4	MW V4	MW V4	MW W4
Upper Depth (feet)	22	2	18	34	4	14	52	2
Lower Depth (feet)	28	8	26	40	8	20	58	8
Soil/Fill Type	NATIVE	IMP FILL	NATIVE	NATIVE	IMP FILL	NATIVE	NATIVE	PRO FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	8/6/93	8/16/93	8/18/93	8/18/93	8/17/93	8/16/93	8/18/93	7/19/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	0.55	0.08 UJ	0.08 U	0.08 U	0.08 U	0.09 UJ	0.09 U	0.86
Sulfide (DW)	58 U	0.49 U	0.52 U	0.55 U	55 U	0.57 U	0.56 U	0.85 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	MW W4							
Upper Depth (feet)	8.5							
Lower Depth (feet)	14							
Soil/Fill Type	NATIVE							
Units	MG/KG							
Date Sampled	7/19/93							
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC							
Cyanide, Total (DW)	0.68 U							
Sulfide (DW)	0.57 U							

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

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**********************************************************************
* User name:    LZUKE (50)                  Queue:  GRADNET1/EINSTEIN
* File name:                                Server  PS1
* Directory:
* Description: SDV917.XLS
              November 16, 94                          4:26pm
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*                        L     ZZZZZ U   U K   K EEEEE
*                        L         Z U   U K  K  E
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RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CYANIDE/SULFIDE ANALYSIS

Sample ID	SB 1	SB 1	SB 1	SB 4	SB 4	SB 6	SB 6	SB 7
Upper Depth (feet)	2	8	8	2	8.5	4	14	1
Lower Depth (feet)	8	14	14	4	10	10	16	4
Soil/Fill Type	PRO FILL	NATIVE	NATIVE	IMP FILL	NATIVE	PRO FILL	NATIVE	IMP FILL-PRO FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	8/16/93	8/16/93	8/16/93	9/13/93	9/13/93	9/8/93	9/8/93	9/10/93
Date Analyzed								
Remarks			Dup					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	2.8	0.07 U	0.09 U	0.45	0.08 U	2.3	0.1 U	0.08 U
Sulfide (DW)	120 U	57 U	61 U	53 U	50 U	69 U	64 U	54 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

Sample ID	SB 7	SB 7	SB 8	SB 8	SB 9-1	SB 9-1	SB 10	SB 10
Upper Depth (feet)	8	12	4	12	0	4	2	10
Lower Depth (feet)	12	18	10	18	2	6	6	14
Soil/Fill Type	PRO FILL	NATIVE	PRO FILL	PEAT-NATIVE	IMP FILL-NATIVE	NATIVE	PRO FILL	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/10/93	9/10/93	8/16/93	8/16/93	9/14/93	9/14/93	9/20/93	9/20/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	6.4	0.08 U	0.67 J	0.09 UJ	0.1 U	0.08 U	21 J	0.15 J
Sulfide (DW)	70 U	56 U	75 U	102	63 U	51 U	78 U	58 U

Notes:
Dup = duplicate
IMP FILL = Imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CYANIDE/SULFIDE ANALYSIS

Sample ID	SB 10	SB 12	SB 12	SB 13	SB 13	SB 14	SB 14	SB 15
Upper Depth (feet)	18	8	10	2	8	1	2	2
Lower Depth (feet)	20	10	16	8	12	2	6	4
Soil/Fill Type	NATIVE	PRO FILL	NATIVE-PRO FILL	PRO FILL	NATIVE	PRO FILL-NATIVE	NATIVE	IMP FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/20/93	9/8/93	9/8/93	9/20/93	9/20/93	9/15/93	9/14/93	9/13/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	0.09 UJ	0.39	0.09 U	2 J	0.08 UJ	0.09	0.07 U	0.08 U
Sulfide (DW)	61 U	84 U	61 U	68 U	54 U	54 U	53 U	49 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 15	SB 16	SB 16	SB 16	SB 19	SB 19	SB 20	SB 21
Upper Depth (feet)	4	2	2	10	6	10	8	2
Lower Depth (feet)	8	8	8	16	10	14	10	8
Soil/Fill Type	NATIVE-IMP FILL	IMP FILL-PRO FILL	IMP FILL-PRO FILL	NATIVE	PRO FILL-NATIVE	NATIVE	PRO FILL	PRO FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/13/93	9/9/93	9/9/93	9/9/93	8/16/93	8/16/93	9/10/93	9/8/93
Date Analyzed								
Remarks			Dup of SB 16 2-8					
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	0.08 U	0.09 UJ	0.32 UJ	0.09 UJ	0.12 UJ	0.09 UJ	9.7	1.4 J
Sulfide (DW)	57 U	R	R	110 J	75 U	56 U	94 U	R

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CYANIDE/SULFIDE ANALYSIS

Sample ID	SB 21	SB 23	SB 23	SB 24	SB 24	SB 26	SB 26-1	SB 26-1
Upper Depth (feet)	8	3	7	2	8	8	0.5	2
Lower Depth (feet)	12	7	11	6	12	10	2	4
Soil/Fill Type	NATIVE-PRO FILL	IMP FILL	NATIVE	IMP FILL-PRO FILL	NATIVE	NATIVE	IMP FILL	PRO FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/8/93	10/5/93	10/5/93	9/8/93	9/8/93	9/23/93	9/24/93	9/24/93
Date Analyzed								
Remarks							EPA/CDM	EPA/CDM
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	0.09 UJ	0.71 UJ	0.71 UJ	0.08 U	0.09 U	0.1 UJ	0.1	0.09 U
Sulfide (DW)	R	58 U	64 U	R	R	68 U	60 U	58 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = *not reported*

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
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Sample ID	SB 29	SB 29	SB 29	SB 30	SB 30	SB 30	SB 33	SB 33
Upper Depth (feet)	0.75	0.75	7	0.583	5	7	1	8
Lower Depth (feet)	3	3	9	3	7	9	4	12
Soil/Fill Type	IMP FILL	IMP FILL	NATIVE	IMP FILL	PRO FILL	NATIVE	IMP FILL	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	10/7/93	10/7/93	10/7/93	10/5/93	10/5/93	10/5/93	9/17/93	9/17/93
Date Analyzed								
Remarks		Dup						
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	0.98	0.66 U	0.76 UJ	0.58 U	1.1	0.8 U	0.08 U	0.09 U
Sulfide (DW)	57 U	54 U	64 U	53 U	82 U	65 U	53 U	58 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CYANIDE/SULFIDE ANALYSIS

Sample ID	SB 38	SB 38	SB 40	SB 41	SB 41	SB 41	SB 42	SB 42
Upper Depth (feet)	3	7.5	6	1	4	6	0	8
Lower Depth (feet)	7.5	10	10	4	6	10	6	14
Soil/Fill Type	IMP FILL	NATIVE	NATIVE-IMP FILL	IMP FILL	IMP FILL/PRO FILL/	NATIVE	IMP FILL-PRO FILL	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	10/4/93	10/4/93	9/15/93	9/16/93	9/16/93	9/16/93	9/9/93	9/9/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	R	R	0.08 UJ	0.08 U	0.19 U	0.08 U	0.08 U	0.08 U
Sulfide (DW)	53 U	62 U	57 U	50 U	122 U	51 U	56 U	53 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CYANIDE/SULFIDE ANALYSIS

Sample ID	SB 43	SB 43	SB 43	SB 44	SB 44	SB 44	SB 47	SB 47
Upper Depth (feet)	1	6	12	1.5	10	20	4	8
Lower Depth (feet)	2	8	16	4	12	22	6	10
Soil/Fill Type	IMP FILL	PEAT	NATIVE	IMP FILL	PRO FILL	NATIVE	NATIVE	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/17/93	9/17/93	9/17/93	10/6/93	10/6/93	10/6/93	9/21/93	9/21/93
Date Analyzed								
Remarks				EPA/CDM	EPA/CDM	EPA/CDM		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	0.08 U	0.33 U	0.09 U	0.64 U	1.1 U	R	0.09 UJ	0.09 UJ
Sulfide (DW)	52 U	220 U	63 U	55 U	5400	53 U	59 U	58 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

Sample ID	SB 48-2	SB 48-2	SB 49	SB 49	SB 49	SB 49	SB 50	SB 50
Upper Depth (feet)	1	10	1	8	12	18	2	6
Lower Depth (feet)	2	12	4	9.5	14	20	6	8
Soil/Fill Type	IMP FILL	NATIVE	NATIVE-IMP FILL	NATIVE	PEAT	NATIVE	IMP FILL-NATIVE	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/28/93	9/28/93	9/15/93	9/15/93	9/15/93	9/15/93	9/9/93	9/9/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	0.6 U	0.58 U	0.08 UJ	0.09 UJ	0.34 UJ	0.1 UJ	0.08 U	0.08 U
Sulfide (DW)	60 U	57 U	56 U	58 U	240 U	67 U	55 U	52 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CYANIDE/SULFIDE ANALYSIS

Sample ID	SB 52-1	SB 52-1	SB 52-1	SB 54	SB 54	SB 54	SB 55	SB 55
Upper Depth (feet)	2	12	18	2	6	9	2	8
Lower Depth (feet)	8	18	20	6	8	12	6	12
Soil/Fill Type	PRO FILL	PEAT	NATIVE	PRO FILL	PRO FILL	NATIVE	IMP FILL-NATIVE	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	10/7/93	10/7/93	10/7/93	9/21/93	9/21/93	9/21/93	9/10/93	9/10/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	57.3 J	3.5 U	0.85 U	0.14 UJ	0.09 UJ	0.08 UJ	0.08 U	0.08 U
Sulfide (DW)	58 U	290 U	75 U	93 U	61 U	58 U	50 U	54 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CYANIDE/SULFIDE ANALYSIS

Sample ID	SB 58	SB 58	SB 59	SB 59	SB 60	SB 60	SB 60	SB 64
Upper Depth (feet)	2	6	6	6	14	24	32	2
Lower Depth (feet)	4	10	8	8	20	28	36	4
Soil/Fill Type	IMP FILL	NATIVE	NATIVE	NATIVE	NATIVE	PEAT	NATIVE	NATIVE
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/17/93	9/17/93	9/17/93	9/17/93	9/16/93	9/16/93	9/16/93	9/20/93
Date Analyzed								
Remarks				Dup				
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	0.09 U	0.09 U	0.08 U	0.09 U	0.08 U	0.26 U	0.1 U	0.08 UJ
Sulfide (DW)	57 U	58 U	56 U	56 U	59 U	183 U	69 U	52 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CYANIDE/SULFIDE ANALYSIS

Sample ID	SB 64	SB 65	SB 65	SB 68	SB 68	SB 70	SB 70	SB 71
Upper Depth (feet)	8	2	8	4	10	4	8	2
Lower Depth (feet)	10	6	10	8	12	8	14	4
Soil/Fill Type	NATIVE	IMP FILL-NATIVE	NATIVE	PRO FILL-IMP FILL	NATIVE	IMP FILL-NATIVE	NATIVE	IMP FILL
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Date Sampled	9/20/93	10/7/93	10/7/93	9/10/93	9/10/93	9/4/93	9/4/93	9/20/93
Date Analyzed								
Remarks								
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC
Cyanide, Total (DW)	0.08 UJ	0.65 U	0.62 U	0.07 U	2.2	0.08 U	0.08 U	0.07 UJ
Sulfide (DW)	54 U	52 U	53 U	51 U	96 U	50 U	55 U	50 U

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.

RAYMARK INDUSTRIES INC DOCKET NO 1-87-1057
PHASE IIB SOIL ANALYTICAL RESULTS
CYANIDE/SULFIDE ANALYSIS

Sample ID	SB 71	SB 71-1	SB 75	SB 75	SB 77	SB 77		
Upper Depth (feet)	8	10	3	6	12	14		
Lower Depth (feet)	10	12	6	7	14	16		
Soil/Fill Type	IMP FILL	NATIVE-IMP FILL	IMP FILL	NATIVE	NATIVE	NATIVE-PEAT		
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG		
Date Sampled	9/20/93	10/7/93	10/4/93	10/4/93	9/22/93	9/22/93		
Date Analyzed								
Remarks					EPA/CDM	EPA/CDM		
Laboratory	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC	AQUATEC INC		
Cyanide, Total (DW)	0.08 UJ	0.67 U	R	R	0.07 UJ	1.2 UJ		
Sulfide (DW)	61 U	56 U	54 U	58 U	56 U	193 U		

Notes:
Dup = duplicate
IMP FILL = imported fill
PRO FILL = processed fill
PEAT = native peat soil
NATIVE = native soil
EPA/CDM = split sample
Blanks = not reported

Chemical synonyms reported as received from lab.

J-Value is an estimated quantity. U-Analyte was not detected. Value is the sample detection limit.
UJ-Analyte was not detected. Detection limit is estimated. R-Datum was rejected.