

Table 4-2
Reference Soil Statistical Values

Metals (mg/kg)	PAL	Average	Upper 95% Confidence Level	Minimum	Maximum
ALUMINIUM	76,000	19,686	24,149	3,110	32,500
ANTIMONY	31	0.14	0.21	0.01	0.37
ARSENIC	22	7.26	9.61	0.16	16.40
BARIUM	5,400	58.46	76.06	9.40	114.00
BERYLLIUM	150	0.86	1.20	0.19	2.70
BORON	5,500	1.99	2.53	0.92	4.70
CADMIUM	37	0.38	0.44	0.27	0.56
CALCIUM	*	1,159	1,685	106	3,020
CHROMIUM	210	31.62	40.99	2.40	59.80
COBALT	4,700	9.78	13.32	0.72	23.20
COPPER	2,900	12.80	17.42	0.52	26.60
IRON	23,000	22,815	28,874	546	44,900
LEAD	400	12.75	16.19	4.60	25.00
MAGNESIUM	*	5,224	7,081	170	11,500
MANGANESE	1,800	317.86	420.28	31.30	718.00
MERCURY	6.1	0.06	0.08	0.01	0.19
MOLYBDENUM	390	0.64	0.85	0.15	1.80
NICKEL	*	22.49	30.54	0.75	52.30
POTASSIUM	*	2,675	3,702	348	5,950
SELENIUM	390	0.86	1.27	0.51	3.60
SILVER	390	0.52	0.62	0.33	0.83
SODIUM	*	122.31	166.29	32.70	289.00
THALLIUM	520	0.25	0.34	0.13	0.76
VANADIUM	550	35.40	44.38	4.40	61.00
ZINC	23,000	44.50	58.40	3.00	94.00

Notes:

Reference Soil analytical results are provided in the Backlands RFI Report (MY, 2003b).

Table 4-3
Reference Groundwater Statistical Values

Metals (ug/l)	All Reference Wells				Bedrock Reference Wells				Overburden Reference Wells			
	Average	Upper 95% Confidence Level	Minimum	Maximum	Bedrock Average	Upper 95% Confidence Level	Minimum	Maximum	Overburden Average	Upper 95% Confidence Level	Minimum	Maximum
ALUMINUM	335.71	630.79	15.35	1,760.00	165.19	437.73	15.35	712.00	530.59	1,384.16	15.35	1,760.00
ANTIMONY	0.36	0.47	0.10	0.85	0.32	0.35	0.10	0.59	0.41	0.42	0.10	0.85
ARSENIC	2.01	2.31	1.20	3.60	1.73	0.75	1.20	2.08	2.34	1.02	2.00	3.60
BARIUM	23.35	32.05	5.10	57.00	31.15	29.27	17.00	57.00	14.43	22.57	5.10	38.30
BERYLLIUM	0.39	0.53	0.10	1.30	0.47	0.61	0.10	1.30	0.29	0.14	0.18	0.38
BORON	12.51	14.84	5.43	26.30	10.85	4.99	5.43	15.40	14.40	9.77	8.50	26.30
CADMIUM	0.11	0.14	0.05	0.24	0.10	0.08	0.05	0.15	0.11	0.16	0.05	0.24
CALCIUM	13,087	18,021	2,940	30,000	11,665	19,932	2,940	28,500	14,713	12,824	9,590	30,000
CHROMIUM	2.00	2.57	0.85	5.40	1.76	1.15	1.10	3.00	2.26	2.63	0.85	5.40
COBALT	4.11	5.43	0.42	8.80	5.05	5.02	0.42	8.80	3.04	2.99	0.92	5.13
COPPER	2.24	3.00	0.84	6.50	2.58	3.20	0.86	6.50	1.84	1.52	0.84	3.30
IRON	520.80	858.30	5.00	2,190.00	443.05	531.74	67.40	857.00	609.66	1,656.47	5.00	2,190.00
LEAD	0.34	0.49	0.05	0.92	0.29	0.50	0.05	0.92	0.40	0.52	0.07	0.76
MAGNESIUM	5,134	6,715	1,890	12,300	3,761	3,891	1,890	7,190	6,703	5,831	3,750	12,300
MANGANESE	186.23	254.44	0.68	354.00	285.25	101.60	193.00	354.00	73.07	175.64	0.68	242.00
MERCURY	0.07	0.10	0.01	0.26	0.06	0.08	0.01	0.16	0.08	0.15	0.02	0.26
MOLYBDENUM	1.93	2.43	0.45	3.70	1.78	1.91	0.45	3.70	2.09	1.52	0.94	3.70
NICKEL	8.88	11.03	0.89	12.80	8.92	7.27	2.70	12.80	8.84	7.87	0.89	11.92
POTASSIUM	3,802	4,235	1,900	5,350	3,745	1,901	1,900	5,350	3,867	828	3,140	4,420
SELENIUM	3.37	3.81	2.36	4.33	3.35	1.45	2.36	4.33	3.40	1.59	2.36	4.33
SILVER	0.06	0.08	0.05	0.15	0.06	0.06	0.05	0.15	0.06	0.07	0.05	0.15
SODIUM	9,953	11,624	4,890	13,900	8,149	5,939	4,890	13,900	12,014	2,330	10,100	13,500
THALLIUM	0.56	0.86	0.10	1.90	0.58	0.98	0.10	1.40	0.53	1.15	0.10	1.90
VANADIUM	3.44	4.31	0.44	6.20	3.09	2.94	0.44	4.50	3.84	2.98	0.52	6.20
ZINC	7.82	11.98	1.08	23.60	12.31	15.38	3.90	23.60	2.69	3.30	1.08	6.00

Notes:

Reference Groundwater analytical results are provided in the Backlands RFI Report (MY, 2003b).

Table 4-4
Reference Marine Sediment Analytical Results
Detected Compounds

Analyte	Date Collected Sample Delivery Group	PAL	MYRSSD01 9/27/2001 MY006	MYRSSD02 9/27/2001 MY006	MYRSSD02A 11/20/2001 MY019/MYT101	MYRSSD03 9/27/2001 MY006	MYRSSD04 9/27/2001 MY006	MYRSSD05 9/27/2001 MY006	MYRSSD06 9/27/2001 MY006
Metals (mg/kg)									
ALUMINUM		*	13900	15000	15200	15500	14400	17000	15600
ANTIMONY		2	ND	ND	0.07 R	ND	ND	ND	ND
ARSENIC		8.2	8.1	8.7	9.1	8.5	9.1	10.4	9
BARIUM		*	30.9	32.7	42.7	33.6	33	38.7	33.3
BERYLLIUM		*	0.47	0.54	0.58	0.55	0.5	0.59	0.56
BORON		*	23.8	24.5	23.8	24.2	22	24.6	24.7
CADMIUM		1.2	0.23	0.18	0.18	0.19	0.2	0.2	0.18
CALCIUM		*	2890	2910	13600 J	3940	2990	3130	3330
CHROMIUM		81	46.2	52.4	45	53.5	50.4	59.4	52.2
COBALT		*	8	8.6	9.1	8.7	8.4	9.3	8.6
COPPER		34	17	19	17.7	18.8	17.7	20.7	18.8
IRON		*	20200	22000	20200	22400	21600	24200	23400
LEAD		46.7	21.5	24.1	22.3	24.3	23	27.7	24.5
MAGNESIUM		*	6560	7190	6850	7100	6720	7800	7260
MANGANESE		*	221	237	262	241	237	265	253
MERCURY		0.15	0.33 J	0.36 J	0.27	0.34 J	0.3 J	0.36 J	0.33 J
MOLYBDENUM		*	1	1	1.6	0.95	1.1	1.4	0.95
NICKEL		20.9	20.1	22.6	22.8	22.4	21.1	24.5	23.2
POTASSIUM		*	2970	2970	3940	3010	2940	3650	3350
SELENIUM		*	0.56 J	0.57 J	0.7	0.55 J	ND	0.54 J	0.56 J
SILVER		1	ND	ND	0.2	ND	ND	ND	ND
SODIUM		*	8010	8960	7360	7650	7560	9410	8120
THALLIUM		*	ND	ND	0.2	ND	ND	ND	ND
VANADIUM		*	36	39.2	40.7	40	38	43.9	39.8
ZINC		150	67.3	74.1	77.9	73.8	70.6	79.7	73.1
PCBs (ug/kg)									
PCB Congeners (ug/kg)									
138 - Hexachlorobiphenyl		22.7	NA	NA	0.34 J	NA	NA	NA	NA
153/132/168 - Hexachlorobiphenyl		22.7	NA	NA	0.67 J	NA	NA	NA	NA
180/172 - Heptachlorobiphenyl/Heptachlorobiphenyl		22.7	NA	NA	0.18 J	NA	NA	NA	NA
182/187 - Heptachlorobiphenyl/Heptachlorobiphenyl		22.7	NA	NA	0.18 J	NA	NA	NA	NA
206 - Nonachlorobiphenyl		22.7	NA	NA	0.11 J	NA	NA	NA	NA
209 - Decachlorobiphenyl		22.7	NA	NA	0.12 J	NA	NA	NA	NA
Heptachlorobiphenyls		22.7	NA	NA	0.9 J	NA	NA	NA	NA
Hexachlorobiphenyls		22.7	NA	NA	3.8	NA	NA	NA	NA
Trichlorobiphenyls		22.7	NA	NA	4.2	NA	NA	NA	NA
Pesticides (ug/kg)									
SVOCs (ug/kg)									
3-NITROANILINE		*	1600 R	1700 R	ND	ND	ND	ND	ND
ACENAPHTHYLENE		44	22 J	30 J	ND	ND	ND	ND	ND
ANTHRACENE		85	24 J	26 J	ND	ND	ND	ND	ND
BENZO(A)ANTHRACENE		261	190 J	180	210	200	180	240	160
BENZO(A)PYRENE		430	160	190	190	180	150	190	190
BENZO(B)FLUORANTHENE		*	210	250	240	240	200	200	260
BENZO(K)FLUORANTHENE		*	45	89	63 J	ND	ND	ND	ND
BENZO[G,H,I]PERYLENE		*	120	140	110	ND	97	110	120
CHRYSENE		384	130	160	150 J	ND	ND	ND	ND
DIBENZO(A,H)ANTHRACENE		63	30 J	34 J	ND	ND	ND	ND	ND
FLUORANTHENE		600	270	310	230 J	300	160	270	260
INDENO(1,2,3-CD)PYRENE		*	160 J	190 J	140	160 J	130 J	150 J	170 J
PHENANTHRENE		240	50 J	49 J	100 J	ND	ND	ND	82 J
PYRENE		665	160	170	280 J	190	140	150	200
VOCs (ug/kg)									
BROMOMETHANE		*	500 J	ND	ND	ND	ND	ND	ND
Other Compounds (mg/kg)									
TOTAL ORGANIC CARBON		*	30200	26200	20600 J	30200	17800	32100	31900

Notes:

PAL = Project Action Limit

J = Estimated Value

ND = Compound(s) Not Detected

* PAL Not Available

R = Rejected Value

NA = Compound(s) Not Analyzed

Bold values indicate an exceedance of the PAL

Table 4-5
Reference Tissue Analytical Results
Detected Compounds

Analyte	PAL	MYRSBC01	MYRSBC02	MYRSBC03	MYRSBM01	MYRSBM04	MYRSBM02	MYRSBM03	MYRSMM01
		10/9/2001 MYT002	10/9/2001 MYT002	10/9/2001 MYT002	10/9/2001 MYT003	MYRSBM01 10/9/2001 MYT003	10/9/2001 MYT003	10/9/2001 MYT003	10/3/2001 MYT001
Metals (mg/kg)									
ALUMINUM	1400	328 J	427 J	368 J	57.8 J	76.6 J	93.6 J	74.3 J	6.82 J
ANTIMONY	0.54	0.014	0.064	0.012	ND	ND	ND	ND	ND
ARSENIC	0.014	3.3	3.42	2.84	0.98	1.47	1.53	1.5	0.65
BARIIUM	95000	1.86	2.64	2.16	0.31 J	0.49 J	0.53 J	0.47 J	0.23 J
BERYLLIUM	2.7	0.02	0.023	0.022	ND	ND	0.006 J	0.005 J	ND
BORON	120000	3.13	3.3	2.85	3.95	4.43	4	4.32	1.03
CADMIUM	2.2	0.05	0.037	0.046	0.214	0.316	0.281	0.293	ND
CALCIUM	*	2930	3830	1090	687 J	1150 J	1690 J	2060 J	9450 J
CHROMIUM	7	0.88	1.37	0.93	0.38	0.5	0.58	0.6	0.14 J
COBALT	81	0.316	0.336	0.331	0.092	0.14	0.138	0.136	0.016 J
COPPER	54	3.25 J	7.61 J	5.3 J	1.3 J	1.35 J	3.82 J	1.9 J	28.4 J
IRON	410	1330	1500	1100	95 J	132 J	166 J	138 J	29 J
LEAD	*	1.09 J	1.47 J	1.08 J	0.219	0.291	0.411	0.305	0.484
MAGNESIUM	*	759	791	763	740	679	609	631	498
MANGANESE	302	42.9 J	41.8 J	57.4 J	4.74 J	7.2 J	3.35 J	4.02 J	4.18 J
MERCURY	0.2	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.04
MOLYBDENUM	6.8	0.36	0.35	0.34	0.17	0.17	0.18 J	0.29	0.06
NICKEL	4.3	0.66 J	0.91 J	0.62 J	0.23	0.28	0.41	0.51	0.48 J
POTASSIUM	*	1930	1950	1940	1380	1760	1740	1810	2810
SELENIUM	6.8	ND	ND	ND	0.38 J	0.62 J	0.58 J	0.56 J	0.43
SILVER	11	0.172 J	0.178 J	0.129 J	0.008 J	0.02	0.012	0.01 J	0.044 J
SODIUM	*	4200	4340	4270	5270	4640	4180	4340	1620
THALLIUM	0.095	ND	0.005 J	0.006 J	ND	ND	ND	ND	ND
VANADIUM	6	1.92	2.17	1.86	0.32 J	0.4 J	0.41 J	0.64 J	0.12 J
ZINC	648	16	18	17.6	8.98	11.3	13.8	14	39.4
PCBs (ug/kg)									
Total Aroclor 1254	1.6	3.4	4.6	3.9	ND	ND	ND	ND	42
Total Aroclor 1260	1.6	3.3 J	4 J	3.9 J	ND	ND	ND	ND	37
Pesticides (ug/kg)									
4,4'-DDD	13	0.12 J	0.14 J	0.14 J	0.19 J	0.3 J	0.4	0.38 J	2 J
4,4'-DDE	9.3	0.29 J	0.39	0.36	0.44	0.74	0.9 J	0.92	5.1
4,4'-DDT	64	0.053 J	0.056 J	0.065 J	ND	ND	ND	ND	0.18 J
ALPHA-CHLORDANE	17	0.14 J	0.13 J	0.14 J	0.17 J	0.24 J	0.24 J	0.3 J	0.46 J
DIELDRIN	1.4	0.058 J	0.059 J	0.074 J	0.04 J	0.064 J	0.073 J	0.072 J	0.61 J
ENDOSULFAN SULFATE	*	0.048 J	0.059 J	0.057 J	0.045 J	0.084 J	0.084 J	0.088 J	0.17 J
ENDRIN ALDEHYDE	*	ND	ND	ND	ND	ND	ND	ND	1.6 J
ENDRIN KETONE	*	0.41	0.46	0.41	0.25 J	0.37 J	0.34	0.33 J	3 J
GAMMA-CHLORDANE	17	0.079 J	0.12 J	0.083 J	0.062 J	0.06 J	0.096 J	0.13 J	0.28 J
HEPTACHLOR EPOXIDE	2.4	0.012 J	0.012 J	0.02 J	ND	ND	0.011 J	ND	0.16 J
LINDANE	17	0.04 J	0.045 J	0.046 J	0.021 J	0.036 J	0.044 J	0.036 J	0.15 J
ALPHA-BHC	0.5	0.025 J	0.026 J	0.036 J	0.017 J	0.03 J	0.03 J	0.034 J	0.24 J
BETA-BHC	1.8	0.5	0.26 J	0.33	ND	ND	ND	ND	ND
DELTA-BHC	*	ND	ND	0.041 J	ND	ND	ND	ND	ND

Table 4-5
Reference Tissue Analytical Results
Detected Compounds

Analyte Duplicates Date Collected Sample Delivery Group	PAL	MYRSBC01	MYRSBC02	MYRSBC03	MYRSBM01	MYRSBM04	MYRSBM02	MYRSBM03	MYRSMM01
		10/9/2001 MYT002	10/9/2001 MYT002	10/9/2001 MYT002	10/9/2001 MYT003	MYRSBM01 10/9/2001 MYT003	10/9/2001 MYT003	10/9/2001 MYT003	10/3/2001 MYT001
SIM PAHs (ug/kg)									
ACENAPHTHENE	81000	ND	ND	ND	ND	ND	ND	ND	0.21 J
ACENAPHTHYLENE	*	0.4 J	0.48 J	0.52 J	0.32 J	0.48 J	0.56 J	0.6 J	0.22 J
ANTHRACENE	410000	0.32 J	0.4 J	0.38 J	0.3 J	0.46 J	0.53 J	0.56 J	0.14 J
BENZO(A)ANTHRACENE	4.3	3.3	3.6	4	1.6	2.3	2.5	2.6	ND
BENZO(A)PYRENE	0.43	3.6	3.9	4.1	1.1 J	1.7 J	1.7	1.7 J	ND
BENZO(B)FLUORANTHENE	4.3	5.8 J	6.7 J	7.1 J	3.1	4.7	4.9	5.2	0.18 J
BENZO(K)FLUORANTHENE	4.3	2.1	2.2	2.5	1 J	1.6 J	1.5 J	1.6 J	0.097 J
BENZO(G,H,I)PERYLENE	*	4.3	4.8	5	ND	ND	ND	ND	ND
DIBENZO(A,H)ANTHRACENE	0.43	0.46 J	0.47 J	0.5 J	0.18 J	0.25 J	0.26 J	0.27 J	0.081 J
CHRYSENE	430	4.5	5.1	6.2	2.3	3.3	4	3.8	0.21 J
FLUORANTHENE	54000	6.2	7	7.8	3.5	4.8	6	5.9	ND
FLUORENE	54000	0.33 J	0.29 J	0.24 J	ND	ND	ND	ND	0.32 J
INDENO(1,2,3-CD)PYRENE	43	2.8	3.1	3.2	0.96 J	1.4 J	1.5 J	1.5 J	0.077 J
NAPHTHALENE	27000	ND	ND	ND	ND	ND	ND	ND	1.7 J
PHENANTHRENE	*	1.8 J	2 J	1.9 J	ND	ND	ND	ND	ND
PYRENE	41000	7.6	8.5	9.2	4.5	6.2	7.8	7.5	ND
SVOCs (mg/kg)									
1,2,4-TRICHLOROBENZENE	14	ND	ND	ND	ND	ND	ND	ND	0.01 J
2,4,5-TRICHLOROPHENOL	14	0.1 J	0.033 J	ND	ND	ND	ND	ND	0.23 J
2,4,6-TRICHLOROPHENOL	0.29	0.038 J	ND	ND	ND	ND	ND	ND	0.094 J
2,4-DICHLOROPHENOL	4.1	0.043 J	0.013 J	ND	ND	ND	ND	ND	0.12 J
2,4-DIMETHYLPHENOL	27	0.061 J	0.031 J	0.021 J	ND	ND	ND	ND	0.36 J
2-CHLOROPHENOL	6.8	ND	ND	ND	ND	ND	ND	ND	0.38 J
2-METHYLPHENOL	62	0.035 J	0.019 J	0.016 J	ND	ND	ND	ND	0.17 J
4-CHLORO-3-METHYLPHENOL	*	0.2 J	0.1 J	0.064 J	ND	ND	ND	ND	4.2
4-METHYLPHENOL	6.8	0.09 J	0.067 J	0.033 J	ND	ND	ND	ND	0.26 J
4-NITROPHENOL	11	0.31 R	0.17 R	1.3 R	0.26 R	1.6 R	0.11 R	1.3 R	5 R
ISOPHORONE	3.3	ND	ND	ND	ND	0.025 J	0.028 J	0.028 J	ND
PENTACHLOROPHENOL	0.026	0.17 J	0.049 J	ND	ND	ND	ND	ND	2.2 J
PHENOL	81	ND	ND	ND	ND	ND	ND	ND	1.3 J
Other Compounds									
PERCENT SOLIDS	*	14	14.8	14.7	0.583	13.1	1.06	1.22	24.7
PERCENT LIPIDS	*	0.784	0.892	0.914	1.6	0.946	1.6	1.9	7.99

Notes:

PAL = Project Action Limit

* PAL Not Available

Bold values indicate an exceedence of the PAL

J = Estimated Value

R = Rejected Value

ND = Compound(s) Not Detected

NA = Compound(s) Not Analyzed

Table 4-6
Study Area 3 - Foxbird Island Soil Analytical Results
Detected Compounds

Analyte	Date Collected Sample Delivery Group	PAL	MY03SS01(0-0.5) 9/24/2001 MY004	MY03SS14(0-0.5) 9/24/2001 MY004	MY03SS15(0-0.5) 9/24/2001 MY004
<i>EPH (mg/kg)</i>		100	ND	ND	ND
Metals (mg/kg)					
ALUMINUM		76000	20700	10900	9670
ANTIMONY		31	0.08 R	0.01 R	0.03 R
ARSENIC		22	11.6	21.3	6.4
BARIUM		5400	79.6	130	43.4
BERYLLIUM		150	0.74	0.41	0.43
CALCIUM		*	2530	2280	1520
CHROMIUM		210	47.3 J	36.7 J	24.9 J
COBALT		4700	15.5	7.9	7.4
COPPER		2900	19.2	37.4	21.7
IRON		23000	30200	16900	22500
LEAD		400	12.6	32.9	9.1
MAGNESIUM		*	8220	5780	4760
MANGANESE		1800	618	343	346
MERCURY		6.1	0.02 J	ND	0.02 J
MOLYBDENUM		390	0.92	1.3	1.3
NICKEL		*	35.5	16.7	16.2
POTASSIUM		*	4830	2460	2340
SODIUM		*	165 J	140 J	91.4 J
VANADIUM		550	45.2	27.2	22.2
ZINC		23000	69.5	72.8	62.8
PCBs (ug/kg)					
			ND	ND	ND
Pesticides (ug/kg)					
			ND	ND	ND
SVOCs (ug/kg)					
			ND	ND	ND
VOCs (ug/kg)					
2-BUTANONE		7300000	ND	88	ND
Other Compounds					
Total Solids (%)		*	87	96	91

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected

Table 4-7
Study Area 4 - ISFSI Soil Analytical Results
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group	PAL	MY04SS01 5/31/2000 MY6100	MY04SS02 5/31/2000 MY6100	MY04SS02DUP dup. of MY04SS02 5/31/2000 MY6100	Trench Sample 2 2/22/2000	Trench Sample 3 6/1/2000
EPH (mg/kg)							
C11-C22 AROMATICS		100	96	ND	ND	NA	NA
C19-C36 ALIPHATICS		100	470 J	54	ND	NA	NA
C9-C18 ALIPHATICS		100	450 J	ND	ND	NA	NA
DRO (mg/kg)							
		100	NA	NA	NA	32	ND
Metals (mg/kg)							
ARSENIC		22	NA	NA	NA	8.1	7.9
BARIUM		5400	NA	NA	NA	50	58
CADMIUM		37	NA	NA	NA	ND	ND
CHROMIUM		210	NA	NA	NA	25	36
LEAD		400	NA	NA	NA	8.9	6.8
MERCURY		6.1	NA	NA	NA	ND	0.038
SILVER		390				ND	ND
SELENIUM		390	NA	NA	NA	ND	ND
PCBs (ug/kg)							
			ND	ND	ND	NA	NA
Pesticides (ug/kg)							
			NA	NA	NA	NA	NA
SVOCs (ug/kg)							
BENZO(A)PYRENE		62	210 J	ND	ND	NA	NA
CHRYSENE		62000	160 J	ND	ND	NA	NA
BENZO(B)FLUORANTHENE		620	390	ND	ND	NA	NA
BENZO(G,H,I)PERYLENE		*	140 J	ND	ND	NA	NA
N-NITROSODIPHENYLAMINE		99000	ND	ND	50 J	NA	NA
PYRENE		2300000	480 J	ND	40 J	NA	NA
FLUORANTHENE		2300000	490 J	ND	40 J	NA	NA
VOCs (ug/kg)							
			NA	NA	NA	ND	ND

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedance of the PAL
- J = Estimated Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-8
Study Area 4 - ISFSI Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Sample Date Sample Delivery Group	PAL	MY04GW01 98-1-OW 3/15/2000 MYW2	MY04GWD01 98-1-OW Dup. of MY04GW01 3/15/2000 MYW2	MY04GW02 98-9-OW 3/6/2000 MYW1	MY04GW03 98-10-OW 6/14/2000 MY61500	MY04GW04A MW-302A 12/13/2002 MY023	MY04GW04A-1B MW-302A 6/26/2002 MY113
EPH/DRO (ug/l)								
EPH		50	ND	ND	20	110 J	140 J	NA
DIESEL RANGE ORGANICS		50	NA	NA	NA	NA	NA	54
Metals (ug/l)								
ALUMINUM		1430	2200 J	1200 J	6900 J	30000 J	3240	NA
ANTIMONY		3	ND	ND	11 J	33 J	ND	NA
ARSENIC		10	ND	ND	ND	42 J	3.5 J	NA
BARIUM		2000	15	ND	46 J	230 J	26.3	NA
BERYLLIUM		73	ND	ND	ND	ND	0.6	NA
BORON		630	ND	ND	ND	ND	30.3	NA
CADMIUM		3.5	ND	ND	1.4 J	ND	ND	NA
CALCIUM		*	13000	12000	18000	130000	7690	NA
CHROMIUM		40	ND	ND	12 J	70	ND	NA
COBALT		2200	ND	ND	ND	ND	1.9	NA
COPPER		1300	ND	ND	ND	ND	9.2	NA
IRON		11000	2600 J	1800 J	6900 J	52000	3820	NA
LEAD		10	ND	ND	ND	35 J	2.2	NA
MAGNESIUM		*	7300	6700	9300	56000	3530	NA
MANGANESE		500	320	340	190	6300	170	NA
MERCURY		2	ND	ND	ND	ND	0.03 J	NA
MOLYBDENUM		35	NR	ND	ND	ND	176	NA
NICKEL		140	ND	ND	ND	62	7.1	NA
POTASSIUM		*	2700	2400	4400 J	16500 J	7960	NA
SELENIUM		35	ND	ND	10 J	ND	ND	NA
SILVER		35	ND	ND	11 J	ND	0.96	NA
SODIUM		20000	26000	24000	16000	41000 J	50600	NA
THALLIUM		2.4	ND	ND	ND	ND	ND	NA
VANADIUM		260	ND	ND	ND	73	5.5	NA
ZINC		2000	ND	ND	ND	170 J	ND	NA
PCBs (ug/l)								
			ND	ND	ND	ND	ND	NA
Pesticides (ug/l)								
			ND	ND	ND	ND	ND	NA
SVOCs (ug/l)								
3-NITROANILINE		*	ND	ND	ND	ND	ND	NA
DI-N-BUTYL PHTHALATE		700	ND	ND	ND	ND	1 J	NA
VOCs (ug/l)								
BROMOMETHANE		10	ND	ND	ND	ND	ND	NA
CHLOROFORM		57	ND	ND	ND	ND	1 J	NA

Notes:

- PAL = Project Action Limit
- * PAL Not Available
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- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-8
Study Area 4 - ISFSI Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Sample Date Sample Delivery Group	PAL	MY04GW04B MW-302B 11/27/2001 MY021	MY04GW04B-1B MW-302B 7/1/2002 MY113	MY04GW04B-1C MW-302B 9/30/2002 MY122	MY04GW05A MW-303A 12/11/2001 MY023	MY04GW05A-1B MW-303A 6/24/2002 MY113	MY04GW05B MW-303B 12/5/2001 MY021
EPH/DRO (ug/l)								
EPH		50	310	NA	NA	ND	NA	470
DIESEL RANGE ORGANICS		50	NA	140	140	NA	220 J	NA
Metals (ug/l)								
ALUMINUM		1430	2470	NA	NA	612	NA	84.4
ANTIMONY		3	NA	NA	NA	ND	NA	ND
ARSENIC		10	4.8 J	NA	NA	1.5 J	NA	ND
BARIUM		2000	25.2	NA	NA	60.4	NA	14.2
BERYLLIUM		73	0.42 J	NA	NA	ND	NA	ND
BORON		630	4.8 J	NA	NA	19.4	NA	29.5
CADMIUM		3.5	0.17 J	NA	NA	ND	NA	ND
CALCIUM		*	34200	NA	NA	22700	NA	11200
CHROMIUM		40	7	NA	NA	1.9	NA	1.4
COBALT		2200	17.1	NA	NA	0.35	NA	ND
COPPER		1300	4.9	NA	NA	2.1	NA	ND
IRON		11000	3560	NA	NA	400	NA	118
LEAD		10	1.4	NA	NA	ND	NA	3.1
MAGNESIUM		*	29200	NA	NA	8420	NA	6890
MANGANESE		500	5120	NA	NA	223	NA	393
MERCURY		2	0.05 J	NA	NA	0.03 J	NA	ND
MOLYBDENUM		35	NA	NA	NA	8.7	NA	0.68 J
NICKEL		140	12.1	NA	NA	1.6	NA	ND
POTASSIUM		*	2940	NA	NA	3500	NA	1460
SELENIUM		35	NA	NA	NA	ND	NA	3.4 J
SILVER		35	NA	NA	NA	ND	NA	ND
SODIUM		20000	27900	NA	NA	32500	NA	13300
THALLIUM		2.4	NA	NA	NA	ND	NA	0.92
VANADIUM		260	6.9 J	NA	NA	0.73	NA	ND
ZINC		2000	26.3 J	NA	NA	ND	NA	ND
PCBs (ug/l)								
			NA	NA	NA	ND	NA	ND
Pesticides (ug/l)								
			NA	NA	NA	ND	NA	ND
SVOCs (ug/l)								
3-NITROANILINE		*	NA	NA	NA	ND	NA	ND
DI-N-BUTYL PHTHALATE		700	NA	NA	NA	ND	NA	ND
VOCs (ug/l)								
BROMOMETHANE		10	NA	NA	NA	ND	NA	ND
CHLOROFORM		57	2	NA	NA	1	NA	2

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-8
Study Area 4 - ISFSI Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Sample Date Sample Delivery Group	PAL	MY04GW05B-1B MW-303B 6/24/2002 MY113	MY04GW05B-1C MW-303B 10/1/2002 MY122	MY04GW06A MW-304A 11/15/2001 MY017	MY04GW06A-1B MW-304A 6/25/2002 MY113	MY04GW06B MW-304B 11/15/2001 MY017
EPH/DRO (ug/l)							
EPH		50	NA	NA	ND	NA	ND
DIESEL RANGE ORGANICS		50	650 J	460	NA	ND	ND
Metals (ug/l)							
ALUMINUM		1430	NA	NA	412	NA	27 J
ANTIMONY		3	NA	NA	ND	NA	ND
ARSENIC		10	NA	NA	ND	NA	ND
BARIIUM		2000	NA	NA	12.5	NA	8.2
BERYLLIUM		73	NA	NA	ND	NA	ND
BORON		630	NA	NA	9	NA	5.6 J
CADMIUM		3.5	NA	NA	ND	NA	ND
CALCIUM		*	NA	NA	11300	NA	2480
CHROMIUM		40	NA	NA	ND	NA	3.8
COBALT		2200	NA	NA	ND	NA	ND
COPPER		1300	NA	NA	7	NA	ND
IRON		11000	NA	NA	583	NA	ND
LEAD		10	NA	NA	ND	NA	ND
MAGNESIUM		*	NA	NA	2830	NA	894
MANGANESE		500	NA	NA	862	NA	42.2
MERCURY		2	NA	NA	ND	NA	ND
MOLYBDENUM		35	NA	NA	181	NA	1.3
NICKEL		140	NA	NA	ND	NA	ND
POTASSIUM		*	NA	NA	2460	NA	1480
SELENIUM		35	NA	NA	3.04 R	NA	3.04 R
SILVER		35	NA	NA	ND	NA	ND
SODIUM		20000	NA	NA	ND	NA	8000
THALLIUM		2.4	NA	NA	ND	NA	ND
VANADIUM		260	NA	NA	ND	NA	ND
ZINC		2000	NA	NA	ND	NA	ND
PCBs (ug/l)							
			NA	NA	ND	NA	ND
Pesticides (ug/l)							
			NA	NA	ND	NA	ND
SVOCs (ug/l)							
3-NITROANILINE		*	NA	NA	25 R	NA	ND
DI-N-BUTYL PHTHALATE		700	NA	NA	ND	NA	ND
VOCs (ug/l)							
BROMOMETHANE		10	NA	NA	1 J	NA	ND
CHLOROFORM		57	NA	NA	ND	NA	ND

Notes:

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- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-8
Study Area 4 - ISFSI Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Sample Date Sample Delivery Group	PAL	MY04GW06B-1B MW-304B 6/25/2002 MY113	MY04GW06B-1C MW-304B 10/1/2002 MY122	MY04GW10-1C MW-304B Dup. of MY04GW06B-1C 10/1/2002 MY122	MY04GW07A MW-305A 11/29/2001 MY021	MY04GW07A-1B MW-305A 6/26/2002 MY113
EPH/DRO (ug/l)							
EPH		50	NA	NA	NA	51	NA
DIESEL RANGE ORGANICS		50	83 J	90	60	NA	60
Metals (ug/l)							
ALUMINUM		1430	NA	NA	NA	512	NA
ANTIMONY		3	NA	NA	NA	NA	NA
ARSENIC		10	NA	NA	NA	NA	NA
BARIUM		2000	NA	NA	NA	36.3	NA
BERYLLIUM		73	NA	NA	NA	NA	NA
BORON		630	NA	NA	NA	14.3	NA
CADMIUM		3.5	NA	NA	NA	NA	NA
CALCIUM		*	NA	NA	NA	14300	NA
CHROMIUM		40	NA	NA	NA	1.9	NA
COBALT		2200	NA	NA	NA	NA	NA
COPPER		1300	NA	NA	NA	4.1	NA
IRON		11000	NA	NA	NA	1640	NA
LEAD		10	NA	NA	NA	18.6	NA
MAGNESIUM		*	NA	NA	NA	4200	NA
MANGANESE		500	NA	NA	NA	512	NA
MERCURY		2	NA	NA	NA	0.04 J	NA
MOLYBDENUM		35	NA	NA	NA	128	NA
NICKEL		140	NA	NA	NA	10.1 J	NA
POTASSIUM		*	NA	NA	NA	3150	NA
SELENIUM		35	NA	NA	NA	NA	NA
SILVER		35	NA	NA	NA	0.85	NA
SODIUM		20000	NA	NA	NA	24600	NA
THALLIUM		2.4	NA	NA	NA	NA	NA
VANADIUM		260	NA	NA	NA	NA	NA
ZINC		2000	NA	NA	NA	NA	NA
PCBs (ug/l)							
			NA	NA	NA	NA	NA
Pesticides (ug/l)							
			NA	NA	NA	NA	NA
SVOCs (ug/l)							
3-NITROANILINE		*	NA	NA	NA	NA	NA
DI-N-BUTYL PHTHALATE		700	NA	NA	NA	NA	NA
VOCs (ug/l)							
BROMOMETHANE		10	NA	NA	NA	NA	NA
CHLOROFORM		57	NA	NA	NA	7	NA

Notes:

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- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-8
Study Area 4 - ISFSI Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Sample Date Sample Delivery Group	PAL	MY04GW07B MW-305B	MY04GW07B-1B MW-305B 6/26/2002 MY113
<i>EPH/DRO (ug/l)</i>				
EPH		50	490	NA
DIESEL RANGE ORGANICS		50	NA	190
<i>Metals (ug/l)</i>				
ALUMINUM		1430	873	NA
ANTIMONY		3	NA	NA
ARSENIC		10	1.9 J	NA
BARIUM		2000	122	NA
BERYLLIUM		73	NA	NA
BORON		630	6.1 J	NA
CADMIUM		3.5	NA	NA
CALCIUM		*	148000	NA
CHROMIUM		40	5	NA
COBALT		2200	13.6	NA
COPPER		1300	2.7 J	NA
IRON		11000	1310	NA
LEAD		10	2.4	NA
MAGNESIUM		*	108000	NA
MANGANESE		500	12800	NA
MERCURY		2	NA	NA
MOLYBDENUM		35	2.8	NA
NICKEL		140	24.7	NA
POTASSIUM		*	9850	NA
SELENIUM		35	6.6 J	NA
SILVER		35	NA	NA
SODIUM		20000	106000	NA
THALLIUM		2.4	NA	NA
VANADIUM		260	NA	NA
ZINC		2000	NA	NA
<i>PCBs (ug/l)</i>				
			NA	NA
<i>Pesticides (ug/l)</i>				
			NA	NA
<i>SVOCs (ug/l)</i>				
3-NITROANILINE		*	NA	NA
DI-N-BUTYL PHTHALATE		700	NA	NA
<i>VOCs (ug/l)</i>				
BROMOMETHANE		10	NA	NA
CHLOROFORM		57	15	NA

Notes:

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J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-9
Study Area 5 - RA Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB04(8-10) 10/16/2001 MYR001	MY05SB04(12-13.2) 10/16/2001 MYR001	MY05SB05(4-6) 10/16/2001 MYR001	MY05SB05(12-13.5) 10/16/2001 MYR001	MY05SB06(2-4) 10/17/2001 MYR001	MY05SB06(4-5) 10/17/2001 MYR001
EPH (mg/kg)							
Unadjusted C11-C22	100	ND	ND	ND	ND	ND	ND
Unadjusted C19-C36	100	ND	ND	ND	ND	ND	ND
Unadjusted C9-18	100	ND	ND	ND	ND	ND	ND
Metals (mg/kg)							
ALUMINUM	76,000	NA	9430	NA	10900	NA	12200
ANTIMONY	31	NA	1.3 R	NA	1.3 R	NA	1.2 R
ARSENIC	22	NA	6	NA	11.1	NA	12.2
BARIUM	5,400	NA	38.6 J	NA	51.7 J	NA	67.4 J
BERYLLIUM	150	NA	ND	NA	0.5	NA	ND
BORON	5,500	NA	ND	NA	ND	NA	ND
CADMIUM	37	NA	ND	NA	ND	NA	ND
CALCIUM	*	NA	2640 J	NA	3040 J	NA	1720 J
CHROMIUM	210	NA	21.3 J	NA	21.1 J	NA	29.8 J
COBALT	4,700	NA	6.4	NA	7.5	NA	8.6
COPPER	2,900	NA	16.1	NA	22.9	NA	22.9
IRON	23,000	NA	13700	NA	23500	NA	21700
LEAD	400	NA	6.5	NA	18.2	NA	18.6
MAGNESIUM	*	NA	4360	NA	6270	NA	6930
MANGANESE	1,800	NA	246 J	NA	475 J	NA	428 J
MOLYBDENUM	390	NA	ND	NA	0.93 J	NA	0.97 J
NICKEL	*	NA	16.9	NA	18.8	NA	20.6
POTASSIUM	*	NA	2370	NA	5100	NA	3110
SODIUM	*	NA	152	NA	244	NA	160
VANADIUM	550	NA	22.6	NA	24.4	NA	29.9
ZINC	23,000	NA	52.1	NA	109	NA	110
PCBs (ug/kg)							
AROCHLOR-1254	220	NA	ND	NA	ND	NA	ND
Pesticides (ug/kg)							
4,4'-DDT	1,700	NA	ND	NA	ND	NA	ND
DIELDRIN	30	NA	5.02	NA	ND	NA	ND
ENDRIN ALDEHYDE	18,000	NA	ND	NA	ND	NA	ND
GAMMA-BHC	*	NA	ND	NA	3.99 J	NA	ND
HEPTACHLOR EPOXIDE	53	NA	ND	NA	ND	NA	ND
METHOXYCHLOR	310,000	NA	ND	NA	ND	NA	ND
SVOCs (ug/kg)							
2-METHYLNAPHTHALENE	*	NA	ND	NA	ND	NA	ND
ACENAPHTHENE	3,700,000	NA	ND	NA	ND	NA	ND
ANTHRACENE	2,200,000	NA	ND	NA	ND	NA	ND
BENZO(A)ANTHRACENE	620	NA	150 J	NA	ND	NA	ND
BENZO(A)PYRENE	62	NA	90 J	NA	ND	NA	ND
BENZO(B)FLUORANTHENE	620	NA	120 J	NA	ND	NA	ND
BENZO(K)FLUORANTHENE	6,200	NA	81 J	NA	ND	NA	ND
BENZO[G,H,I]PERYLENE	*	NA	ND	NA	ND	NA	ND
BIS(2-ETHYLHEXYL) PHTHALATE	35,000	NA	ND	NA	ND	NA	ND
CARBAZOLE	24,000	NA	ND	NA	ND	NA	ND
CHRYSENE	62,000	NA	110 J	NA	ND	NA	ND
DIBENZ(A,H)ANTHRACENE	62	NA	ND	NA	ND	NA	ND
DIBENZOFURAN	290,000	NA	ND	NA	ND	NA	ND
FLUORANTHENE	2,300,000	NA	400	NA	140 J	NA	ND
FLUORENE	2,600,000	NA	ND	NA	ND	NA	ND
INDENO(1,2,3-CD)PYRENE	620	NA	ND	NA	ND	NA	ND
NAPHTHALENE	56,000	NA	ND	NA	ND	NA	ND
PHENANTHRENE	*	NA	330	NA	ND	NA	ND
PYRENE	2,300,000	NA	260	NA	100 J	NA	ND
VOCs (ug/kg)							
2-METHYLNAPHTHALENE	*	NA	ND	NA	ND	NA	ND
CARBON DISULFIDE	360,000	NA	ND	NA	4 J	NA	ND
METHYLENE CHLORIDE	8,900	NA	ND	NA	ND	NA	ND
Other Compounds							
pH (S.U.)	*		8.30	NA	8.72	NA	7.10
Total Solids (%)	*	82	93.8	91.9	91.2	95.4	95.8

Notes:
PAL = Project Action Limit
* PAL Not Available
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J = Estimated Value
R = Rejected Value
S.U. Standard Units
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-9
Study Area 5 - RA Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB07(2-4) 10/17/2001 MYR001	MY05SB07(4-6) 10/17/2001 MYR001	MY05SB08(2-4) 10/18/2001 MYR001	MY05SB08(6-7.5) 10/18/2001 MYR001	MY05SB09(2-4) 10/18/2001 MYR001	MY05SB09(4-6) 10/18/2001 MYR002
EPH (mg/kg)							
Unadjusted C11-C22	100	ND	ND	ND	ND	ND	ND
Unadjusted C19-C36	100	ND	ND	ND	ND	ND	ND
Unadjusted C9-18	100	ND	ND	ND	ND	ND	ND
Metals (mg/kg)							
ALUMINUM	76,000	NA	14500	NA	14200	NA	12000
ANTIMONY	31	NA	1.2 R	NA	1.3 R	NA	1.2 R
ARSENIC	22	NA	14.6	NA	11.5	NA	4.3
BARIUM	5,400	NA	83.1 J	NA	96.8 J	NA	64.9
BERYLLIUM	150	NA	ND	NA	0.42	NA	ND
BORON	5,500	NA	ND	NA	ND	NA	ND
CADMIUM	37	NA	ND	NA	ND	NA	ND
CALCIUM	*	NA	2950 J	NA	1950 J	NA	8960 J
CHROMIUM	210	NA	32.4 J	NA	29.2 J	NA	26.6
COBALT	4,700	NA	8.3	NA	9	NA	6.8
COPPER	2,900	NA	23.4	NA	36.3	NA	11.7
IRON	23,000	NA	23200	NA	23500	NA	20000
LEAD	400	NA	20.2	NA	17.2	NA	5
MAGNESIUM	*	NA	7780	NA	7280	NA	6480
MANGANESE	1,800	NA	471 J	NA	442 J	NA	390
MOLYBDENUM	390	NA	0.91 J	NA	0.88 J	NA	ND
NICKEL	*	NA	22.4	NA	21.4	NA	16.4
POTASSIUM	*	NA	3780	NA	4900	NA	1720 J
SODIUM	*	NA	300	NA	324	NA	279 J
VANADIUM	550	NA	36	NA	35.6	NA	33.4
ZINC	23,000	NA	109	NA	107	NA	43.1 J
PCBs (ug/kg)							
AROCHLOR-1254	220	NA	ND	NA	ND	NA	ND
Pesticides (ug/kg)							
4,4'-DDT	1,700	NA	ND	NA	ND	NA	ND
DIELDRIN	30	NA	ND	NA	ND	NA	ND
ENDRIN ALDEHYDE	18,000	NA	ND	NA	ND	NA	ND
GAMMA-BHC	*	NA	ND	NA	ND	NA	ND
HEPTACHLOR EPOXIDE	53	NA	ND	NA	ND	NA	ND
METHOXYCHLOR	310,000	NA	ND	NA	ND	NA	ND
SVOCs (ug/kg)							
2-METHYLNAPHTHALENE	*	NA	ND	NA	ND	NA	ND
ACENAPHTHENE	3,700,000	NA	ND	NA	ND	NA	ND
ANTHRACENE	2,200,000	NA	ND	NA	ND	NA	ND
BENZO(A)ANTHRACENE	620	NA	ND	NA	ND	NA	ND
BENZO(A)PYRENE	62	NA	ND	NA	ND	NA	ND
BENZO(B)FLUORANTHENE	620	NA	ND	NA	ND	NA	ND
BENZO(K)FLUORANTHENE	6,200	NA	ND	NA	ND	NA	ND
BENZO[G,H,I]PERYLENE	*	NA	ND	NA	ND	NA	ND
BIS(2-ETHYLHEXYL) PHTHALATE	35,000	NA	ND	NA	ND	NA	ND
CARBAZOLE	24,000	NA	ND	NA	ND	NA	ND
CHRYSENE	62,000	NA	ND	NA	ND	NA	ND
DIBENZ(A,H)ANTHRACENE	62	NA	ND	NA	ND	NA	ND
DIBENZOFURAN	290,000	NA	ND	NA	ND	NA	ND
FLUORANTHENE	2,300,000	NA	ND	NA	ND	NA	ND
FLUORENE	2,600,000	NA	ND	NA	ND	NA	ND
INDENO(1,2,3-CD)PYRENE	620	NA	ND	NA	ND	NA	ND
NAPHTHALENE	56,000	NA	ND	NA	ND	NA	ND
PHENANTHRENE	*	NA	ND	NA	ND	NA	ND
PYRENE	2,300,000	NA	ND	NA	ND	NA	ND
VOCs (ug/kg)							
2-METHYLNAPHTHALENE	*	NA	ND	NA	ND	NA	ND
CARBON DISULFIDE	360,000	NA	ND	NA	ND	NA	ND
METHYLENE CHLORIDE	8,900	NA	ND	NA	ND	NA	ND
Other Compounds							
pH (S.U.)	*	NA	8.10	NA	7.85	NA	11.6
Total Solids (%)	*	95.8	94.8	92.8	94.4	95.7	97.2

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- S.U. Standard Units
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-9
Study Area 5 - RA Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB10(6-8) 10/29/2001 MYR002	MY05SB10(14-16) 10/29/2001 MYR002	MY05SB11(0-0.5) 10/20/2001 MYR002	MY05SB57(0-0.5) Dup. of MY05SB11(0-0.5) 10/20/2001 MYR002	MY05SB11(12-13.5) 10/24/01 & 10/29/01 (VOCs) MYR002	Duplicates
							Date Collected
Sample Delivery Group							
EPH (mg/kg)							
Unadjusted C11-C22	100	ND	ND	ND	ND	ND	ND
Unadjusted C19-C36	100	ND	ND	ND	ND	11.3	ND
Unadjusted C9-18	100	ND	ND	ND	ND	ND	ND
Metals (mg/kg)							
ALUMINUM	76,000	NA	22900	15300	13600	7930	
ANTIMONY	31	NA	1.3 R	1.3 R	1.3 R	1.4 R	
ARSENIC	22	NA	7.6 J	11.1 J	22.3 J	6.6	
BARIUM	5,400	NA	89.7	120	116	41.4	
BERYLLIUM	150	NA	0.51	ND	ND	ND	
BORON	5,500	NA	5.9	ND	2.2 J	4.5 J	
CADMIUM	37	NA	ND	ND	ND	1.3	
CALCIUM	*	NA	6730 J	2960 J	3490 J	9250 J	
CHROMIUM	210	NA	55.5	79.5	69	20	
COBALT	4,700	NA	16.8	11.8	13.3	5.1	
COPPER	2,900	NA	31.9	24.9	36.1	51.9	
IRON	23,000	NA	35900	25900	23400	15200	
LEAD	400	NA	13.3	8.3	9	14.9	
MAGNESIUM	*	NA	13100	12100	10400	4560	
MANGANESE	1,800	NA	735	376	357	292	
MOLYBDENUM	390	NA	ND	ND	1.1 J	ND	
NICKEL	*	NA	49.4 J	47.7 J	42.8 J	20.6	
POTASSIUM	*	NA	7320 J	11100 J	8920 J	1980 J	
SODIUM	*	NA	391	448	487	312 J	
VANADIUM	550	NA	52.5 J	56.6 J	47.9 J	19.9	
ZINC	23,000	NA	80.2	83.5	80.6	88.3 J	
PCBs (ug/kg)							
AROCHLOR-1254	220	NA	ND	ND	ND	ND	ND
Pesticides (ug/kg)							
4,4'-DDT	1,700	NA	ND	ND	ND	ND	ND
DIELDRIN	30	NA	ND	ND	ND	2.41	
ENDRIN ALDEHYDE	18,000	NA	ND	ND	ND	ND	
GAMMA-BHC	*	NA	ND	ND	ND	ND	
HEPTACHLOR EPOXIDE	53	NA	ND	ND	0.874	ND	
METHOXYCHLOR	310,000	NA	ND	ND	ND	ND	
SVOCs (ug/kg)							
2-METHYLNAPHTHALENE	*	NA	ND	ND	ND	100 J	
ACENAPHTHENE	3,700,000	NA	ND	ND	ND	650	
ANTHRACENE	2,200,000	NA	ND	ND	ND	1100	
BENZO(A)ANTHRACENE	620	NA	ND	100 J	110 J	2800	
BENZO(A)PYRENE	62	NA	ND	85 J	94 J	2500	
BENZO(B)FLUORANTHENE	620	NA	ND	95 J	130 J	2400	
BENZO(K)FLUORANTHENE	6,200	NA	ND	87 J	81 J	2000	
BENZO(G,H,I)PERYLENE	*	NA	ND	ND	ND	680	
BIS(2-ETHYLHEXYL) PHTHALATE	35,000	NA	ND	ND	ND	120 J	
CARBAZOLE	24,000	NA	ND	ND	ND	840	
CHRYSENE	62,000	NA	ND	130 J	120 J	2500	
DIBENZ(A,H)ANTHRACENE	62	NA	ND	ND	ND	380	
DIBENZOFURAN	290,000	NA	ND	ND	ND	430	
FLUORANTHENE	2,300,000	NA	ND	180	270	6400	
FLUORENE	2,600,000	NA	ND	ND	ND	800	
INDENO(1,2,3-CD)PYRENE	620	NA	ND	ND	ND	1700	
NAPHTHALENE	56,000	NA	ND	ND	ND	230	
PHENANTHRENE	*	NA	ND	130 J	160	5800	
PYRENE	2,300,000	NA	ND	180	280	5500	
VOCs (ug/kg)							
2-METHYLNAPHTHALENE	*	NA	ND	ND	40	ND	
CARBON DISULFIDE	360,000	NA	ND	ND	ND	ND	
METHYLENE CHLORIDE	8,900	NA	3.8 J	ND	ND	2.9 J	
Other Compounds							
pH (S.U.)	*	NA	ND	ND	ND	8.46	
Total Solids (%)	*	NA	74.7	89	ND	87.5	

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- S.U. Standard Units
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-9
Study Area 5 - RA Soil Analytical Results
Detected Compounds

Analyte Duplicates Date Collected Sample Delivery Group	PAL	MY05SB12(8-10)	MY05SB13(4-5.5)	MY05SS01(0-0.5)	MY05SS02(0-0.5)	MY05SS03(0-0.5)
		10/23/2001 MYR002	10/22/2001 MYR002	10/18/2002 MYR001	10/18/2002 MYR001	10/18/2002 MYR001
EPH (mg/kg)						
Unadjusted C11-C22	100	ND	ND	151	42.5	ND
Unadjusted C19-C36	100	ND	ND	ND	42.6	10.8
Unadjusted C9-18	100	ND	ND	ND	13.6	10.7
Metals (mg/kg)						
ALUMINUM	76,000	12400	8850	NA	NA	NA
ANTIMONY	31	1.3 R	1.3 R	NA	NA	NA
ARSENIC	22	9.9	6.9	NA	NA	NA
BARIUM	5,400	61.8	28.4	NA	NA	NA
BERYLLIUM	150	ND	ND	NA	NA	NA
BORON	5,500	ND	ND	NA	NA	NA
CADMIUM	37	0.83 J	ND	NA	NA	NA
CALCIUM	*	2980 J	3860 J	NA	NA	NA
CHROMIUM	210	28.2	18.6	NA	NA	NA
COBALT	4,700	8.2	5.1	NA	NA	NA
COPPER	2,900	21.4	13.4	NA	NA	NA
IRON	23,000	21100	12000	NA	NA	NA
LEAD	400	15.6	6.8	NA	NA	NA
MAGNESIUM	*	6850	4070	NA	NA	NA
MANGANESE	1,800	431	224	NA	NA	NA
MOLYBDENUM	390	ND	ND	NA	NA	NA
NICKEL	*	20.1	13.2	NA	NA	NA
POTASSIUM	*	3010 J	5350 J	NA	NA	NA
SODIUM	*	244 J	3700 J	NA	NA	NA
VANADIUM	550	31.2	21.1	NA	NA	NA
ZINC	23,000	87.2 J	95.7 J	NA	NA	NA
PCBs (ug/kg)						
AROCHLOR-1254	220	ND	20.6	NA	NA	NA
Pesticides (ug/kg)						
4,4'-DDT	1,700	ND	ND	ND	ND	2.57
DIELDRIN	30	13	2.38 J	ND	ND	5.4 J
ENDRIN ALDEHYDE	18,000	ND	ND	ND	ND	2.41
GAMMA-BHC	*	ND	ND	ND	ND	ND
HEPTACHLOR EPOXIDE	53	ND	ND	ND	ND	ND
METHOXYCHLOR	310,000	ND	ND	ND	ND	9.78
SVOcs (ug/kg)						
2-METHYLNAPHTHALENE	*	ND	ND	NA	NA	NA
ACENAPHTHENE	3,700,000	ND	ND	NA	NA	NA
ANTHRACENE	2,200,000	ND	ND	NA	NA	NA
BENZO(A)ANTHRACENE	620	ND	ND	NA	NA	NA
BENZO(A)PYRENE	62	ND	ND	NA	NA	NA
BENZO(B)FLUORANTHENE	620	ND	ND	NA	NA	NA
BENZO(K)FLUORANTHENE	6,200	ND	ND	NA	NA	NA
BENZO[G,H,I]PERYLENE	*	ND	ND	NA	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE	35,000	ND	ND	NA	NA	NA
CARBAZOLE	24,000	ND	ND	NA	NA	NA
CHRYSENE	62,000	ND	ND	NA	NA	NA
DIBENZ(A,H)ANTHRACENE	62	ND	ND	NA	NA	NA
DIBENZOFURAN	290,000	ND	ND	NA	NA	NA
FLUORANTHENE	2,300,000	ND	ND	NA	NA	NA
FLUORENE	2,600,000	ND	ND	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	620	ND	ND	NA	NA	NA
NAPHTHALENE	56,000	ND	ND	NA	NA	NA
PHENANTHRENE	*	ND	ND	NA	NA	NA
PYRENE	2,300,000	ND	ND	NA	NA	NA
VOCs (ug/kg)						
2-METHYLNAPHTHALENE	*	ND	ND	NA	NA	NA
CARBON DISULFIDE	360,000	ND	ND	NA	NA	NA
METHYLENE CHLORIDE	8,900	ND	ND	NA	NA	NA
Other Compounds						
pH (S.U.)	*	8.5	10.5	NA	NA	NA
Total Solids (%)	*	91	93.2	93.8	96	94.2

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- S.U. Standard Units
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-10
Study Area 5 - RA Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Date Collected Sample Delivery Group	PAL	MY05GW03 B-202 12/11/2001 MYR004	MY05GW03-1B B-202 6/3/2002 MYR102	MY05GW05 B-203B 12/5/2001 MYR004	MY05GW05-1B B-203B 6/4/2002 MYR102	MY05GW50-1B B-203B MY05GW05-1B 6/4/2002 MYR102	MY05GW06 B-205 12/5/2001 MYR004	MY05GW06-1B B-205 6/5/2002 MYR102	MY05GW07 B-206 12/10/2001 MYR004
Anions (mg/l)**										
ALKALINITY AS CaCO3		*	NA	87.4	NA	67.2	71.0	NA	80.1	NA
BICARBONATE AS CaCO3		*	NA	87.4	NA	67.2	71.0	NA	80.1	NA
CARBONATE AS CaCO3		*	NA	ND	NA	ND	ND	NA	ND	NA
CHLORIDE		*	NA	61.6	NA	30.4	32.4	NA	93.3	NA
HYDROXIDE AS CaCO3		*	NA	ND	NA	ND	ND	NA	ND	NA
NITRATE AS N [EPA 300A]		10	NA	1.70	NA	3.02	3.25	NA	0.867	NA
PHOSPHATE AS P		*	NA	ND	NA	ND	ND	NA	ND	NA
SULFATE		*	NA	96.8	NA	124	133	NA	91.2	NA
SULFIDE		*	NA	ND	NA	ND	ND	NA	ND	NA
EPH/DRO (ug/l)										
UNADJUSTED C9-C36		50	NA	NA	NA	NA	NA	NA	NA	NA
DIESEL RANGE ORGANICS		50	NA	423 J	NA	71.5	67.8	NA	228 J	NA
Metals (ug/l)										
ALUMINUM		1430	ND	220 J	58.8 J	887 J	145 J	ND	112 J	1320
ARSENIC		10	ND	ND	ND	ND	ND	ND	ND	ND
BARIUM		2000	104	48	30.5	38.4	30	13.8	19.1	38.5
BORON		630	69	47.8 J	68.1	28.8 J	39.9 J	223	93.7	112
CADMIUM		3.5	ND	ND	ND	ND	ND	ND	ND	ND
CALCIUM		*	56200	41800	37500	40200	41300	17900	20300	9960
CHROMIUM		40	ND	ND	ND	4.7	ND	ND	ND	ND
COPPER		1300	10.5	7.4	ND	ND	ND	ND	ND	5.4 J
IRON		11000	ND	418 J	ND	1400 J	214 J	ND	160 J	771
LEAD		10	ND	0.95	ND	0.85	ND	ND	ND	1.7
MAGNESIUM		*	10900	8200	22000	23900	24100	11800	16700	6890
MANGANESE		500	ND	12.6 J	108	45 J	18.9 J	9.8	48.8 J	171
MERCURY		2	ND	ND	ND	ND	ND	ND	ND	ND
MOLYBDENUM		35	ND	ND	ND	ND	ND	ND	ND	ND
NICKEL		140	17.6	7.1 J	ND	ND	ND	ND	ND	6.2 J
POTASSIUM		*	29500	17900	4200	3920	3180	7780	10800	8610
SELENIUM		35	2.8	ND	ND	ND	ND	ND	ND	2.4
SILVER		35	ND	ND	0.05 J	ND	ND	ND	ND	0.07 J
SODIUM		20000	76600	55900	29100	27500	27500	65900	75900	86400
VANADIUM		260	ND	ND	ND	ND	ND	ND	ND	ND
ZINC		2000	28.3	14.6 J	17.1	41.4 J	22.2 J	14.3	131 J	11.7
PCBs (ug/l)										
			ND	ND	ND	ND	ND	ND	ND	ND
Pesticides (ug/l)										
DIELDRIN		0.02	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/l)										
1,2,4-TRICHLOROBENZENE		70	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE		21	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-TRICHLOROPHENOL		*	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-TRICHLOROPHENOL		32	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DICHLOROPHENOL		21	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DIMETHYLPHENOL		730	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DINITROPHENOL		14	ND	ND	ND	ND	ND	ND	ND	ND
2-CHLOROPHENOL		35	ND	ND	ND	ND	ND	ND	ND	ND
2-METHYLPHENOL		1800	ND	ND	ND	ND	ND	ND	ND	ND
2-NITROPHENOL		60	ND	ND	ND	ND	ND	ND	ND	ND
4,6-DINITRO-2-METHYLPHENOL		*	ND	ND	ND	ND	ND	ND	ND	ND
4-CHLORO-3-METHYLPHENOL		*	ND	ND	ND	ND	ND	ND	ND	ND
4-METHYLPHENOL		3.5	ND	ND	ND	ND	ND	ND	ND	ND
4-NITROPHENOL		60	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHENE		370	ND	ND	ND	ND	ND	ND	ND	ND
N-NITROSO-DI-N-PROPYLAMINE		9.6	ND	ND	ND	ND	ND	ND	ND	ND
PENTACHLOROPHENOL		3	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL		4000	ND	ND	ND	ND	ND	ND	ND	ND
VOCs (ug/l)										
2-BUTANONE		1440	5 R	ND	ND	ND	ND	ND	ND	ND
4-METHYL-2-PENTANONE		*	5 R	ND	ND	ND	ND	ND	ND	ND
ACETONE		700	5 R	ND	2.6 J	ND	ND	23 J	ND	5 R
BENZENE		12	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROFORM		57	ND	ND	ND	ND	ND	ND	ND	1
METHYLENE CHLORIDE		4.3	ND	ND	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE		0.2	ND	ND	ND	ND	ND	ND	ND	ND
Other Compounds										
NITRATE (mg/l) [EPA 353.2]		10	0.77 R	NA	2.3	NA	NA	0.689	NA	0.78

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- ** Data results are not validated
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-10
Study Area 5 - RA Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Date Collected Sample Delivery Group	PAL	MY05GW08 BK-1 12/6/2001 MYR004	MY05GW27 BK-1 MY05GW08 12/6/2001 MYR004	MY05GW08-1B BK-1 6/6/2002 MYR102	MY05GW09 CS-1 12/6/2001 MYR004	MY05GW09-1B CS-1 6/6/2002 MYR002	MY05GW100 PAB Test Pit 6/5/2002 MYR102	MYPAB02F PAB Test Pit 2/20/2003 MY022003	MYPAB02U PAB Test Pit 2/20/2003 MY022003
Anions (mg/l)**										
ALKALINITY AS CaCO3		*	NA	NA	48.2	NA	102	1000	51	55
BICARBONATE AS CaCO3		*	NA	NA	48.2	NA	34.0	ND	69	70
CARBONATE AS CaCO3		*	NA	NA	ND	NA	67.8	212	NA	NA
CHLORIDE		*	NA	NA	151	NA	101	43.9	26	26
HYDROXIDE AS CaCO3		*	NA	NA	ND	NA	ND	792	ND	ND
NITRATE AS N [EPA 300A]		10	NA	NA	1.02	NA	0.064	0.402	ND	ND
PHOSPHATE AS P		*	NA	NA	ND	NA	0.137	ND	NA	NA
SULFATE		*	NA	NA	40.7	NA	81.8	62.8	59	61
SULFIDE		*	NA	NA	ND	NA	ND	ND	ND	ND
EPH/DRO (ug/l)										
UNADJUSTED C9-C36		50	NA	NA	NA	NA	NA	NA	NA	NA
DIESEL RANGE ORGANICS		50	NA	NA	86	NA	861 J	5810 J	NA	NA
Metals (ug/l)										
ALUMINUM		1430	ND	ND	ND	86.4 J	71.4 J	999 J	0.1	0.099
ARSENIC		10	ND	ND	ND	ND	17.1	ND	0.01	0.01
BARIUM		2000	33.8	33.7	73.7	12.6	5.5	74.6 J	ND	ND
BORON		630	144	140	93	287	189	90.3 J	0.19	0.18
CADMIUM		3.5	ND	ND	ND	ND	ND	0.32 J	ND	ND
CALCIUM		*	23900	24100	58800	15000	9690	182000 J	9.7	9.9
CHROMIUM		40	ND	ND	ND	ND	22.2	73.8 J	0.0047	0.0049
COPPER		1300	ND	ND	ND	ND	6.1	37.4 J	0.004	0.0041
IRON		11000	ND	ND	ND	960	ND	291 J	0.012	0.025
LEAD		10	ND	ND	ND	2.2	ND	5.3 J	ND	ND
MAGNESIUM		*	6370 J	6380	11900	6750	3340	365 J	1.1	1.1
MANGANESE		500	1.1	1.1 J	ND	21.6	2.8 J	9.6 J	0.004	0.004
MERCURY		2	ND	ND	ND	ND	0.59	10.9 J	ND	ND
MOLYBDENUM		35	ND	ND	ND	ND	52.1	119 J	0.015	0.015
NICKEL		140	ND	ND	ND	ND	ND	5 J	ND	ND
POTASSIUM		*	8720	8660	12600	14200	17800	143000 J	19	19
SELENIUM		35	ND	ND	ND	1.4 J	1.3	1 J	ND	ND
SILVER		35	0.13 J	0.06 J	ND	0.05 J	ND	ND	ND	ND
SODIUM		20000	27600	27500	43300	135000	119000	254000 J	55	55
VANADIUM		260	ND	ND	ND	ND	20.8	13 J	ND	ND
ZINC		2000	ND	ND	ND	15.3	16 J	13.2 J	ND	ND
PCBs (ug/l)										
			ND	ND	ND	ND	ND	ND	NA	NA
Pesticides (ug/l)										
DIELDRIN		0.02	ND	ND	ND	ND	0.0972 J	0.057	NA	NA
SVOCs (ug/l)										
1,2,4-TRICHLOROBENZENE		70	ND	ND	ND	ND	ND	ND	NA	NA
1,4-DICHLOROBENZENE		21	ND	ND	ND	ND	ND	ND	NA	NA
2,4,5-TRICHLOROPHENOL		*	ND	ND	ND	ND	ND	ND	NA	NA
2,4,6-TRICHLOROPHENOL		32	ND	ND	ND	ND	ND	ND	NA	NA
2,4-DICHLOROPHENOL		21	ND	ND	ND	ND	ND	ND	NA	NA
2,4-DIMETHYLPHENOL		730	ND	ND	ND	ND	ND	ND	NA	NA
2,4-DINITROPHENOL		14	ND	ND	ND	ND	ND	ND	NA	NA
2-CHLOROPHENOL		35	ND	ND	ND	ND	ND	ND	NA	NA
2-METHYLPHENOL		1800	ND	ND	ND	ND	ND	9.74	NA	NA
2-NITROPHENOL		60	ND	ND	ND	ND	ND	ND	NA	NA
4,6-DINITRO-2-METHYLPHENOL		*	ND	ND	ND	ND	ND	ND	NA	NA
4-CHLORO-3-METHYLPHENOL		*	ND	ND	ND	ND	ND	ND	NA	NA
4-METHYLPHENOL		3.5	ND	ND	ND	ND	ND	ND	NA	NA
4-NITROPHENOL		60	ND	ND	ND	ND	ND	ND	NA	NA
ACENAPHTHENE		370	ND	ND	ND	ND	ND	ND	NA	NA
N-NITROSO-DI-N-PROPYLAMINE		9.6	ND	ND	ND	ND	ND	ND	NA	NA
PENTACHLOROPHENOL		3	ND	ND	ND	ND	ND	ND	NA	NA
PHENOL		4000	ND	ND	ND	ND	ND	25.7	NA	NA
VOCs (ug/l)										
2-BUTANONE		1440	ND	ND	ND	ND	ND	ND	NA	NA
4-METHYL-2-PENTANONE		*	ND	ND	ND	ND	ND	ND	NA	NA
ACETONE		700	3.1 R	5 R	ND	3.1 R	ND	ND	NA	NA
BENZENE		12	ND	ND	ND	ND	ND	3.7	NA	NA
CHLOROFORM		57	ND	ND	ND	ND	ND	1.3	NA	NA
METHYLENE CHLORIDE		4.3	ND	ND	ND	ND	ND	ND	NA	NA
VINYL CHLORIDE		0.2	ND	ND	ND	ND	ND	ND	NA	NA
Other Compounds										
NITRATE (mg/l) [EPA 353.2]		10	1.09	1.24	NA	0.206	NA	NA	NA	NA

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- ** Data results are not validated
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-10
Study Area 5 - RA Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Date Collected Sample Delivery Group	PAL	MYPAB02D PAB Test Pit MYPAB02U 2/20/2003 MY022003	MY05GW101 MW-401A 6/10/2002 MYR102	MY05GW101-1C MW-401A 9/18/2002 MYR103	MY05GW102 MW-401B 6/10/2002 MYR102	MY05GW102-1C MW-401B 9/17/2002 MYR103	MY05GW125-1C MW-401B MY05GW102-1C 9/17/2002 MYR103	MY05GW103 MW-402 6/5/02 & 6/6/02 MYR102
Anions (mg/l)**									
ALKALINITY AS CaCO3		*	52	38.2	NA	203	NA	NA	98.1
BICARBONATE AS CaCO3		*	69	38.2	NA	ND	NA	NA	98.1
CARBONATE AS CaCO3		*	NA	ND	NA	96.0	NA	NA	ND
CHLORIDE		*	25	66.8	NA	5.72	NA	NA	64.3
HYDROXIDE AS CaCO3		*	ND	ND	NA	107	NA	NA	ND
NITRATE AS N [EPA 300A]		10	ND	ND	NA	ND	NA	NA	1.44
PHOSPHATE AS P		*	NA	ND	NA	ND	NA	NA	ND
SULFATE		*	57	21.3	NA	18.6	NA	NA	89.1
SULFIDE		*	ND	ND	NA	1.45	NA	NA	ND
EPH/DRO (ug/l)									
UNADJUSTED C9-C36		50	NA	NA	NA	NA	NA	NA	NA
DIESEL RANGE ORGANICS		50	NA	67.4 J	ND	2410 J	2400	2300	107
Metals (ug/l)									
ALUMINUM		1430	0.1	ND	32.9 J	3040 J	4130 J	2550 J	206 J
ARSENIC		10	0.011	ND	ND	7.1 J	10.6 J	10.2 J	ND
BARIUM		2000	ND	38.3	40.2	6.8	8.6 J	7.5 J	49.7
BORON		630	0.27	117	107	ND	ND	29.3 J	161
CADMIUM		3.5	ND	ND	ND	0.32 J	ND	ND	ND
CALCIUM		*	10	20500	27300 J	56900	70800 J	51200 J	17200
CHROMIUM		40	0.0049	2.8	ND	ND	ND	ND	ND
COPPER		1300	0.004	ND	ND	20.8	8.9 J	6 J	ND
IRON		11000	0.015	1240	10600 J	716 J	457 J	696 J	324 J
LEAD		10	ND	ND	ND	0.86	0.8 J	1.1 J	1.2
MAGNESIUM		*	1.2	9720	13400	256	173	275	7700
MANGANESE		500	0.004	629 J	792 J	13 J	8.2 J	15.3 J	842 J
MERCURY		2	ND	ND	ND	ND	ND	ND	ND
MOLYBDENUM		35	0.014	ND	ND	50.3	54.8	53.1	ND
NICKEL		140	ND	ND	ND	120	139	114	ND
POTASSIUM		*	20	4260	4720	11700	7280	5400	7750
SELENIUM		35	ND	ND	ND	1.7 J	1.9 J	1.6 J	ND
SILVER		35	ND	ND	ND	ND	ND	ND	ND
SODIUM		20000	59	25500	26100	23500	23600	20000	90900
VANADIUM		260	ND	ND	ND	18.7	11	7.9 J	ND
ZINC		2000	ND	5 J	ND	5.7 J	14.2	6 J	17.4 J
PCBs (ug/l)									
			NA	ND	NA	ND	NA	NA	ND
Pesticides (ug/l)									
DIELDRIN		0.02	NA	0.1 J	NA	ND	NA	NA	ND
SVOCs (ug/l)									
1,2,4-TRICHLOROBENZENE		70	NA	ND	NA	5 R	NA	NA	ND
1,4-DICHLOROBENZENE		21	NA	ND	NA	5 R	NA	NA	ND
2,4,5-TRICHLOROPHENOL		*	NA	5 R	NA	ND	NA	NA	ND
2,4,6-TRICHLOROPHENOL		32	NA	5 R	NA	ND	NA	NA	ND
2,4-DICHLOROPHENOL		21	NA	5 R	NA	ND	NA	NA	ND
2,4-DIMETHYLPHENOL		730	NA	5 R	NA	ND	NA	NA	ND
2,4-DINITROPHENOL		14	NA	5 R	NA	ND	NA	NA	ND
2-CHLOROPHENOL		35	NA	5 R	NA	ND	NA	NA	ND
2-METHYLPHENOL		1800	NA	5 R	NA	ND	NA	NA	ND
2-NITROPHENOL		60	NA	5 R	NA	ND	NA	NA	ND
4,6-DINITRO-2-METHYLPHENOL		*	NA	5 R	NA	ND	NA	NA	ND
4-CHLORO-3-METHYLPHENOL		*	NA	5 R	NA	ND	NA	NA	ND
4-METHYLPHENOL		3.5	NA	5 R	NA	16.5	NA	NA	ND
4-NITROPHENOL		60	NA	5 R	NA	ND	NA	NA	ND
ACENAPHTHENE		370	NA	ND	NA	5 R	NA	NA	ND
N-NITROSO-DI-N-PROPYLAMINE		9.6	NA	ND	NA	5 R	NA	NA	ND
PENTACHLOROPHENOL		3	NA	5 R	NA	ND	NA	NA	ND
PHENOL		4000	NA	5 R	NA	265	NA	NA	ND
VOCs (ug/l)									
2-BUTANONE		1440	NA	ND	NA	15	NA	NA	ND
4-METHYL-2-PENTANONE		*	NA	ND	NA	ND	NA	NA	ND
ACETONE		700	NA	ND	NA	ND	NA	NA	ND
BENZENE		12	NA	ND	NA	ND	NA	NA	ND
CHLOROFORM		57	NA	ND	NA	ND	NA	NA	ND
METHYLENE CHLORIDE		4.3	NA	ND	NA	ND	NA	NA	ND
VINYL CHLORIDE		0.2	NA	ND	NA	ND	NA	NA	ND
Other Compounds									
NITRATE (mg/l) [EPA 353.2]		10	NA	NA	NA	NA	NA	NA	NA

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- ** Data results are not validated
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-10
Study Area 5 - RA Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Date Collected Sample Delivery Group	PAL	MY05GW103-1C MW-402 9/18/2002 MYR103	MY05GW14 MW-312 12/6/2001 MYR004	MY05GW14-1B MW-312 6/11/2002 MYR102	MY05GW51 MW-312 6/11/2002 MYR102	MY05GW29 B-206A 12/10/2001 MYR004	MY05GW29-1B B-206A 6/4/2002 MYR102
Anions (mg/l)**								
ALKALINITY AS CaCO3		*	NA	NA	76.0	77.8	NA	49.1
BICARBONATE AS CaCO3		*	NA	NA	55.0	54.8	NA	48.5
CARBONATE AS CaCO3		*	NA	NA	21.0	23.0	NA	ND
CHLORIDE		*	NA	NA	33.5	33.2	NA	64.0
HYDROXIDE AS CaCO3		*	NA	NA	ND	ND	NA	ND
NITRATE AS N [EPA 300A]		10	NA	NA	0.459	0.543	NA	0.686
PHOSPHATE AS P		*	NA	NA	ND	ND	NA	ND
SULFATE		*	NA	NA	30.7	31.3	NA	60.9
SULFIDE		*	NA	NA	ND	ND	NA	ND
EPH/DRO (ug/l)								
UNADJUSTED C9-C36		50	NA	186	NA	NA	NA	NA
DIESEL RANGE ORGANICS		50	ND	NA	443 J	439 J	NA	263
Metals (ug/l)								
ALUMINUM		1430	1530 J	1980	830	851	57.4 J	446 J
ARSENIC		10	ND	13.8	8.6	10.2	ND	ND
BARIUM		2000	21.6	34.8	35.9	36.4	40.3	24.2
BORON		630	ND	82.8	68.8	70.6	60.1	32.5 J
CADMIUM		3.5	ND	ND	ND	ND	ND	ND
CALCIUM		*	12000 J	14800	16600	17000	16000	13300
CHROMIUM		40	3.3 J	17	11.4	11.3	ND	ND
COPPER		1300	ND	ND	ND	ND	ND	ND
IRON		11000	1900 J	439	149	137	ND	338 J
LEAD		10	1.6 J	ND	0.45 J	0.63	ND	0.79
MAGNESIUM		*	2770	1140	2630	2680	5980	4590
MANGANESE		500	77.7 J	6.4	16.6	16.8	120	9.7 J
MERCURY		2	ND	ND	ND	ND	ND	ND
MOLYBDENUM		35	ND	10.8 J	ND	ND	ND	16.7
NICKEL		140	ND	ND	ND	ND	9.6 J	ND
POTASSIUM		*	3860	13300	9880	10100	6410	6930
SELENIUM		35	ND	ND	ND	ND	ND	ND
SILVER		35	ND	0.06 J	ND	ND	0.07 J	ND
SODIUM		20000	13000	52100	41400	42500	67700	63800
VANADIUM		260	ND	10.6	6.9 J	7.4 J	ND	ND
ZINC		2000	53.3	ND	ND	ND	11.4	5.8 J
PCBs (ug/l)								
			NA	ND	ND	ND	ND	ND
Pesticides (ug/l)								
DIELDRIN		0.02	NA	0.0959	0.0664 J	0.0885 J	ND	ND
SVOCs (ug/l)								
1,2,4-TRICHLOROBENZENE		70	NA	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE		21	NA	ND	ND	ND	ND	ND
2,4,5-TRICHLOROPHENOL		*	NA	ND	ND	ND	ND	ND
2,4,6-TRICHLOROPHENOL		32	NA	ND	ND	ND	ND	ND
2,4-DICHLOROPHENOL		21	NA	ND	ND	ND	ND	ND
2,4-DIMETHYLPHENOL		730	NA	ND	ND	ND	ND	ND
2,4-DINITROPHENOL		14	NA	ND	ND	ND	ND	ND
2-CHLOROPHENOL		35	NA	ND	ND	ND	ND	ND
2-METHYLPHENOL		1800	NA	ND	ND	ND	ND	ND
2-NITROPHENOL		60	NA	ND	ND	ND	ND	ND
4,6-DINITRO-2-METHYLPHENOL		*	NA	ND	ND	ND	ND	ND
4-CHLORO-3-METHYLPHENOL		*	NA	ND	ND	ND	ND	ND
4-METHYLPHENOL		3.5	NA	ND	ND	ND	ND	ND
4-NITROPHENOL		60	NA	ND	ND	ND	ND	ND
ACENAPHTHENE		370	NA	ND	ND	ND	ND	ND
N-NITROSO-DI-N-PROPYLAMINE		9.6	NA	ND	ND	ND	ND	ND
PENTACHLOROPHENOL		3	NA	ND	ND	ND	ND	ND
PHENOL		4000	NA	ND	ND	ND	ND	ND
VOCs (ug/l)								
2-BUTANONE		1440	NA	ND	ND	ND	ND	ND
4-METHYL-2-PENTANONE		*	NA	ND	ND	ND	ND	ND
ACETONE		700	NA	2.6 R	ND	ND	5 R	ND
BENZENE		12	NA	ND	ND	ND	ND	ND
CHLOROFORM		57	NA	ND	ND	ND	0.66 J	ND
METHYLENE CHLORIDE		4.3	NA	1 J	ND	ND	ND	ND
VINYL CHLORIDE		0.2	NA	ND	ND	ND	0.134	ND
Other Compounds								
NITRATE (mg/l) [EPA 353.2]		10	NA	ND	NA	NA	0.825	NA

Notes:

- PAL = Project Action Limit
- * PAL Not Available
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- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB01(0-0.5)	MY05SB75(0-0.5)	MY05SB01(2-3.3)	MY05SB01(5-5.9)	MY05SB75(5-5.9)	MY05SB02(0-0.5)	MY05SB02(0.5-4.5)	MY05SB02(2.5-4.5)
		4/23/2002 MY101	Dup. of MY05SB01(0-0.5) 4/23/2002 MY101	4/23/2002 MY105	4/24/2002 MY101	Dup. of MY05SB01(5-5.9)	4/24/2002 MY105	4/24/2002 MY105	4/24/2002 MY105
EPH/DRO (mg/kg)									
C11-C22 AROMATICS	100	NA	NA	ND	ND	ND	ND	24	NA
C19-C36 ALIPHATICS	100	NA	NA	ND	ND	ND	ND	ND	NA
C9-C18 ALIPHATICS	100	NA	NA	ND	ND	ND	ND	ND	NA
DIESEL RANGE ORGANICS	50	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)									
ALUMINUM	76000	9700	9040	NA	1600	NA	13400	NA	NA
ANTIMONY	31	0.48 J	ND	NA	ND	NA	ND	NA	NA
ARSENIC	22	8.4	13.2	NA	ND	NA	11.9	NA	NA
BARIUM	5400	55.2	48.9	NA	7.4	NA	110	NA	NA
BERYLLIUM	150	0.39	0.36	NA	0.31	NA	ND	NA	NA
BORON	5500	5	3.5	NA	ND	NA	ND	NA	NA
CADMIUM	37	0.58	0.45	NA	0.03 J	NA	0.28 J	NA	NA
CALCIUM	*	6940	6100	NA	592	NA	2920	NA	NA
CHROMIUM	210	31	46.3	NA	6.4	NA	56 R	NA	NA
COBALT	4700	6.9	11.5	NA	0.98	NA	8.6	NA	NA
COPPER	2900	35.4 J	110 J	NA	2.8 J	NA	16.3 J	NA	NA
IRON	23000	20800 J	72400 J	NA	3410 J	NA	22200	NA	NA
LEAD	400	34.5 J	36.6 J	NA	3.4 J	NA	7.6	NA	NA
MAGNESIUM	*	4090	3910	NA	574	NA	9890	NA	NA
MANGANESE	1800	311	516	NA	68.7	NA	402	NA	NA
MERCURY	6.1	ND	ND	NA	ND	NA	ND	NA	NA
MOLYBDENUM	390	2.5 J	19.8 J	NA	ND	NA	ND	NA	NA
NICKEL	*	25.2 J	83.6 J	NA	3.2 J	NA	39.2 J	NA	NA
POTASSIUM	*	2220	2210	NA	575	NA	8660	NA	NA
SELENIUM	390	ND	ND	NA	ND	NA	ND	NA	NA
SILVER	390	0.23 J	0.26	NA	ND	NA	0.53 J	NA	NA
SODIUM	*	275	251	NA	ND	NA	235	NA	NA
THALLIUM	520	ND	ND	NA	ND	NA	1.5 J	NA	NA
VANADIUM	550	25.7	29.4	NA	3	NA	59.1	NA	NA
ZINC	23000	160	249	NA	12.2	NA	62.6 J	NA	NA
PCBs (ug/kg)									
AROCLOR-1242	220	ND	ND	NA	ND	NA	ND	NA	NA
AROCLOR-1248	220	ND	ND	NA	ND	NA	ND	NA	NA
AROCLOR-1254	220	180	110	NA	ND	NA	ND	NA	NA
AROCLOR-1260	220	35	42	NA	ND	NA	ND	NA	NA
Pesticides (ug/kg)									
4,4'-DDT	1700	ND	ND	NA	ND	NA	ND	NA	NA
DELTA BHC	*	ND	ND	NA	ND	NA	ND	NA	NA
ENDOSULFAN I	370000	ND	ND	NA	ND	NA	ND	NA	NA
ENDOSULFAN II	370000	ND	ND	NA	ND	NA	ND	NA	NA
SVOCs (ug/kg)									
2,4,5-TRICHLOROPHENOL	610000	ND	ND	NA	ND	NA	ND	NA	NA
2,4,6-TRICHLOROPHENOL	44000	ND	ND	NA	ND	NA	ND	NA	NA
2,4-DICHLOROPHENOL	180000	ND	ND	NA	ND	NA	ND	NA	NA
2,4-DIMETHYLPHENOL	1200000	ND	ND	NA	ND	NA	ND	NA	NA
2,4-DINITROPHENOL	120000	ND	ND	NA	ND	NA	ND	NA	NA

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB01(0-0.5)		MY05SB75(0-0.5)		MY05SB01(2-3.3)		MY05SB01(5-5.9)		MY05SB75(5-5.9)		MY05SB02(0-0.5)	MY05SB02(0.5-4.5)	MY05SB02(2.5-4.5)
		4/23/2002 MY101	4/23/2002 MY101	Dup. of MY05SB01(0-0.5) 4/23/2002 MY101	Dup. of MY05SB01(0-0.5) 4/23/2002 MY101	4/23/2002 MY105	4/24/2002 MY101	Dup. of MY05SB01(5-5.9)	4/24/2002 MY105	4/24/2002 MY105	4/24/2002 MY105			
2-CHLOROPHENOL	63000	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
2-METHYLNAPHTHALENE	*	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
2-METHYLPHENOL	3100000	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
2-NITROPHENOL	490000	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
3-NITROANILINE	*	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
4,6-DINITRO-2-METHYLPHENOL	*	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
4-CHLORO-3-METHYLPHENOL	*	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
4-METHYLPHENOL	3100000	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
4-NITROPHENOL	490000	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
ACENAPHTHENE	3700000	2200	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
ANTHRACENE	2200000	3700	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
BENZO(A)ANTHRACENE	620	6900 J	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
BENZO(A)PYRENE	62	5900 J	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
BENZO(B)FLUORANTHENE	620	7800 J	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
BENZO(K)FLUORANTHENE	6200	4100	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
BENZO(G,H,I)PERYLENE	*	2400	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE	35000	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
BUTYL BENZYL PHTHALATE	12000000	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
CARBAZOLE	24000	3100	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
CHRYSENE	62000	6800 J	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
DIBENZO(A,H)ANTHRACENE	62	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
DIBENZOFURAN	290000	1700 J	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
FLUORANTHENE	2300000	19000 J	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
FLUORENE	2600000	2300	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
INDENO(1,2,3-CD)PYRENE	620	2900	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
NAPHTHALENE	56000	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
PENTACHLOROPHENOL	3000	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
PHENANTHRENE	*	16000 J	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
PHENOL	37000000	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
PYRENE	2300000	14000 J	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NA
VOCs (ug/kg)														
2-BUTANONE	7300000	11 R	12 R	9 R	15 R	NA	10 R	NA	11 R	NA	11 R	NA	12 R	9 R
4-METHYL-2-PENTANONE	790000	11 R	12 R	9 R	15 R	NA	10 R	NA	11 R	NA	12 R	9 R	13 R	10 R
ACETONE	1600000	ND	ND	6 J	ND	NA	18 J	NA	ND	NA	ND	NA	ND	NA
M-,P-XYLENE	210000	ND	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
METHYLENE CHLORIDE	8900	ND	11 J	ND	10 J	NA	ND	NA	ND	NA	ND	NA	ND	NA
Other Compounds														
TOTAL SOLIDS (%)	*	93	93	94	93	92	97	94	92					

Notes:
PAL = Project Action Limit
* PAL Not Available
Bold values indicate an exceedence of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB02(4.5-6.5)	MY05SB03(2-2.3)	MY05SB15(0-0.5)	MY05SB15(2-3.3)	MY05SB16(0-0.5)	MY05SB16(2-4)	MY05SB16(4-4.5)	MY05SS05	MY05SS06	Duplicates
											Date Collected
Sample Delivery Group		4/24/2002 MY105	4/25/2002 MY106	10/30/2001 MY015	10/30/2001 MY015	10/31/2001 MY015	10/31/2001 MY015	10/31/2001 MY015	10/1/2001 MY007	9/27/2001 MY007	
EPH/DRO (mg/kg)											
C11-C22 AROMATICS	100	19 J	ND	NA	ND	NA	ND	ND	ND	ND	73 J
C19-C36 ALIPHATICS	100	ND	ND	NA	ND	NA	ND	ND	ND	13 J	72 J
C9-C18 ALIPHATICS	100	ND	ND	NA	ND	NA	7.3	6.9	6.5 R		8.1 R
DIESEL RANGE ORGANICS	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)											
ALUMINUM	76000	19400	NA	8120	10300	25400	NA	13600	9520	10400	
ANTIMONY	31	ND	NA	ND	ND	ND	NA	ND	ND	ND	
ARSENIC	22	2	NA	8.3	8.4	9.5	NA	9.4	9.7	8.4	
BARIUM	5400	49.5	NA	42.9	59.4	169	NA	51	46.4	50.6	
BERYLLIUM	150	1.2	NA	0.34	0.43	2.1	NA	0.79	0.33	0.43	
BORON	5500	ND	NA	ND	ND	4.2	NA	ND	ND	ND	
CADMIUM	37	0.38 J	NA	ND	ND	ND	NA	ND	0.16	ND	
CALCIUM	*	1450	NA	1600	1440	ND	NA	ND	1280	2270	
CHROMIUM	210	36 R	NA	22.7	21.5	44.7	NA	23.6	27.1	39.3	
COBALT	4700	11.5	NA	6.3	7.4	12.7	NA	8	6.8	7.8	
COPPER	2900	23.3 J	NA	14.3	16.9	14.8	NA	15.9	18.2	23.4	
IRON	23000	39300	NA	12800	15800	28200	NA	16000	16300	17500	
LEAD	400	12.2	NA	9.2	10.7	16	NA	6.1	17.2	22.6	
MAGNESIUM	*	7820	NA	3950	5680	6080	NA	3900	5240	5650	
MANGANESE	1800	434	NA	266	352	835	NA	352	324	332	
MERCURY	6.1	0.01 J	NA	ND	ND	0.04	NA	ND	ND	0.01 J	
MOLYBDENUM	390	ND	NA	0.64	0.75	0.82	NA	0.64	ND	1	
NICKEL	*	28.3 J	NA	17.5	14.2	29	NA	17.4	18.1	26.9	
POTASSIUM	*	3160	NA	2410	2930	6730	NA	2700	2280	2360	
SELENIUM	390	ND	NA	ND	ND	0.73 J	NA	0.53 J	ND	ND	
SILVER	390	0.62 J	NA	ND	ND	0.04	NA	0.73 J	ND	0.78 J	
SODIUM	*	77.9	NA	145	145	ND	NA	ND	81.3	186	
THALLIUM	520	ND	NA	0.22	0.2	0.24	NA	0.15	ND	ND	
VANADIUM	550	44.2	NA	20.2	23.6	48.5	NA	25.3	24.8	30.2	
ZINC	23000	77 J	NA	67.2	67.1	76.6	NA	45.9	79.8	107	
PCBs (ug/kg)											
AROCLOR-1242	220	ND	NA	ND	ND	ND	NA	ND	ND	ND	
AROCLOR-1248	220	ND	NA	ND	ND	ND	NA	ND	ND	ND	
AROCLOR-1254	220	ND	NA	ND	ND	ND	NA	ND	ND	ND	
AROCLOR-1260	220	ND	NA	ND	ND	ND	NA	ND	ND	ND	
Pesticides (ug/kg)											
4,4'-DDT	1700	ND	NA	7.2 J	ND	ND	NA	ND	ND	ND	
DELTA BHC	*	ND	NA	ND	ND	ND	NA	ND	ND	ND	
ENDOSULFAN I	370000	ND	NA	ND	ND	ND	NA	ND	ND	ND	
ENDOSULFAN II	370000	ND	NA	ND	ND	ND	NA	ND	ND	ND	
SVOCs (ug/kg)											
2,4,5-TRICHLOROPHENOL	6100000	ND	NA	ND	ND	ND	NA	ND	ND	ND	
2,4,6-TRICHLOROPHENOL	44000	ND	NA	ND	ND	ND	NA	ND	ND	ND	
2,4-DICHLOROPHENOL	180000	ND	NA	ND	ND	ND	NA	ND	ND	ND	
2,4-DIMETHYLPHENOL	1200000	ND	NA	ND	ND	ND	NA	ND	ND	ND	
2,4-DINITROPHENOL	120000	ND	NA	ND	ND	ND	NA	ND	ND	ND	

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB02(4.5-6.5)		MY05SB03(2-2.3)	MY05SB15(0-0.5)	MY05SB15(2-3.3)	MY05SB16(0-0.5)	MY05SB16(2-4)	MY05SB16(4-4.5)	MY05SS05	MY05SS06
		Duplicates Date Collected Sample Delivery Group	4/24/2002 MY105	4/25/2002 MY106	10/30/2001 MY015	10/30/2001 MY015	10/31/2001 MY015	10/31/2001 MY015	10/31/2001 MY015	10/1/2001 MY007	9/27/2001 MY007
2-CHLOROPHENOL	63000	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
2-METHYLNAPHTHALENE	*	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
2-METHYLPHENOL	3100000	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
2-NITROPHENOL	490000	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
3-NITROANILINE	*	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
4,6-DINITRO-2-METHYLPHENOL	*	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
4-CHLORO-3-METHYLPHENOL	*	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
4-METHYLPHENOL	3100000	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
4-NITROPHENOL	490000	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
ACENAPHTHENE	3700000	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
ANTHRACENE	2200000	ND	NA	2600	ND	ND	ND	NA	ND	ND	ND
BENZO(A)ANTHRACENE	620	ND	NA	6800	490	ND	ND	NA	ND	ND	580
BENZO(A)PYRENE	62	ND	NA	6300	510	ND	ND	NA	ND	ND	580
BENZO(B)FLUORANTHENE	620	ND	NA	7700	610	ND	ND	NA	ND	ND	890
BENZO(K)FLUORANTHENE	6200	ND	NA	2400	210 J	ND	ND	NA	ND	ND	280 J
BENZO(G,H,I)PERYLENE	*	ND	NA	4100	320 J	ND	ND	NA	ND	ND	320 J
BIS(2-ETHYLHEXYL) PHTHALATE	35000	ND	NA	ND	ND	ND	ND	NA	1200 J	ND	330 J
BUTYL BENZYL PHTHALATE	12000000	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
CARBAZOLE	24000	ND	NA	1600	ND	ND	ND	NA	ND	ND	ND
CHRYSENE	62000	ND	NA	6700	490	ND	ND	NA	ND	ND	660
DIBENZO(A,H)ANTHRACENE	62	ND	NA	840	ND	ND	ND	NA	ND	ND	ND
DIBENZOFURAN	290000	ND	NA	430	ND	ND	ND	NA	ND	ND	ND
FLUORANTHENE	2300000	ND	NA	15000	1000	ND	ND	NA	ND	ND	1400
FLUORENE	2600000	ND	NA	840	ND	ND	ND	NA	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	620	ND	NA	4600	370	ND	ND	NA	ND	ND	360 J
NAPHTHALENE	56000	ND	NA	390	ND	ND	ND	NA	ND	ND	ND
PENTACHLOROPHENOL	3000	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
PHENANTHRENE	*	ND	NA	9500	670	ND	ND	NA	ND	ND	680
PHENOL	37000000	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
PYRENE	2300000	ND	NA	10000	820	ND	ND	NA	ND	ND	1500
VOCs (ug/kg)											
2-BUTANONE	7300000	11 R	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-METHYL-2-PENTANONE	790000	11 R	NA	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	1600000	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
M-P-XYLENE	210000	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	8900	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Other Compounds											
TOTAL SOLIDS (%)	*	95	95	94	97	73	82	87	92	74	

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL.
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SS07	MY05SS08	MY05SS11(0-0.5)	MY05SS24(0-0.5)	MY05SS152(0-0.5)	MY05SS25(0-0.5)	MY05SS26(0-0.5)	MY05SS27(0-0.5)	MY05SS28(0-0.5)	MY05SS29(0-0.5)
		10/1/2001 MY007	10/1/2001 MY007	9/24/2001 MY004	4/24/02 & 7/11/02 MY105 & MY114	Dup. of MY05SS24(0-0.5) 7/11/2002 MY114	4/17/2002 MY102	4/17/2002 MY102	4/17/2002 MY102	4/17/2002 MY102	4/17/2002 MY102
EPHDRO (mg/kg)											
C11-C22 AROMATICS	100	ND	ND	30 J	45 J	NA	ND	ND	28	ND	71
C19-C36 ALIPHATICS	100	13 J	74 J	ND	ND	NA	ND	43 J	76 J	53 J	38
C9-C18 ALIPHATICS	100	6.1 R	30 R	ND	7.8	NA	29	ND	19	8.4	ND
DIESEL RANGE ORGANICS	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)											
ALUMINUM	76000	9660	10600	21000	8050	NA	8820	8380	9490	8760	6720
ANTIMONY	31	ND	ND	0.04 R	ND	NA	ND	ND	ND	ND	0.37 J
ARSENIC	22	8	7.3	8.3	5.5	NA	7.2	6.9	6.3	7.6	6
BARIUM	5400	98.5	39.5	73.9	32.1	NA	42.4	40.6	45.2	44.7	30.3
BERYLLIUM	150	0.37	0.35	0.85	ND	NA	0.34	0.31	0.35	0.33	0.26
BORON	5500	ND	ND	ND	ND	NA	5.5	0.73	5.8	1.6	ND
CADMIUM	37	0.16	0.11	ND	0.37 J	NA	0.14	0.2	0.16	0.7	0.16
CALCIUM	*	1590	1530	1270	6660	NA	56800	4660	56800	8400	2570
CHROMIUM	210	23.7	21.6	40 J	36 R	NA	21.7 J	22 J	22.8 J	19.4 J	18.5 R
COBALT	4700	6.3	5.6	11.2	5	NA	5	5	4.4	5.7	4.2
COPPER	2900	24.5	15.1	19.5	138 J	NA	17.3 J	28.3 J	16.6 J	17.4 J	11.9 J
IRON	23000	16700	14100	22600	14200	NA	12800	14100	13800	14000	10100
LEAD	400	13	10.4	13.8	7.2	NA	5	10.9	5.4	16.8	8.2
MAGNESIUM	*	4660	3880	6270	4530	NA	5770	4190	6110	4490	3520
MANGANESE	1800	290	260	430	244	NA	241	233	239	285	205
MERCURY	6.1	ND	0.02 J	ND	0.05 J	ND	ND	0.06 J	ND	0.09 J	0.02 J
MOLYBDENUM	390	2.4	ND	0.76	ND	NA	ND	2.7	ND	ND	ND
NICKEL	*	18.3	16.6	27.5	21.8 J	NA	21.3	20.3	17.7	15.7	12.2 J
POTASSIUM	*	2230	2060	2980	1560	NA	1990 J	2120 J	2220 J	1960 J	1350
SELENIUM	390	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
SILVER	390	ND	ND	ND	0.57 J	NA	ND	ND	ND	ND	ND
SODIUM	*	177	203	114 J	232	NA	322	300	386	248	167
THALLIUM	520	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
VANADIUM	550	26.2	22.5	39.6	19.2	NA	20.7 J	19.7 J	23.5 J	19.7 J	15.7
ZINC	23000	67.8	50.7	73.1	50.4 J	NA	31.6 J	47.6 J	37.2 J	125 J	33.1 J
PCBs (ug/kg)											
AROCLOR-1242	220	ND	ND	ND	ND	NA	ND	22	ND	47	ND
AROCLOR-1248	220	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
AROCLOR-1254	220	ND	ND	ND	78	NA	ND	30	52	24	140
AROCLOR-1260	220	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Pesticides (ug/kg)											
4,4'-DDT	1700	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
DELTA BHC	*	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	370000	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	370000	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/kg)											
2,4,5-TRICHLOROPHENOL	6100000	ND	ND	ND	ND	NA	920 R	ND	920 R	ND	ND
2,4,6-TRICHLOROPHENOL	440000	ND	ND	ND	ND	NA	370 R	ND	370 R	ND	ND
2,4-DICHLOROPHENOL	180000	ND	ND	ND	ND	NA	370 R	ND	370 R	ND	ND
2,4-DIMETHYLPHENOL	1200000	ND	ND	ND	ND	NA	370 R	ND	370 R	ND	ND
2,4-DINITROPHENOL	120000	ND	ND	ND	ND	NA	920 R	ND	920 R	ND	ND

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SS07	MY05SS08	MY05SS11(0-0.5)	MY05SS24(0-0.5)	MY05SS152(0-0.5)	MY05SS25(0-0.5)	MY05SS26(0-0.5)	MY05SS27(0-0.5)	MY05SS28(0-0.5)	MY05SS29(0-0.5)
		Duplicates Date Collected Sample Delivery Group	10/1/2001 MY007	10/1/2001 MY007	9/24/2001 MY004	4/24/02 & 7/11/02 MY105 & MY114	Dup. of MY05SS24(0-0.5) 7/11/2002 MY114	4/17/2002 MY102	4/17/2002 MY102	4/17/2002 MY102	4/17/2002 MY102
2-CHLOROPHENOL	63000	ND	ND	ND	ND	NA	370 R	ND	370 R	ND	ND
2-METHYLNAPHTHALENE	*	ND	ND	ND	ND	NA	ND	ND	ND	ND	1700
2-METHYLPHENOL	3100000	ND	ND	ND	ND	NA	370 R	ND	370 R	ND	ND
2-NITROPHENOL	490000	ND	ND	ND	ND	NA	370 R	ND	370 R	ND	ND
3-NITROANILINE	*	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
4,6-DINITRO-2-METHYLPHENOL	*	ND	ND	ND	ND	NA	920 R	ND	920 R	ND	ND
4-CHLORO-3-METHYLPHENOL	*	ND	ND	ND	ND	NA	370 R	ND	370 R	ND	ND
4-METHYLPHENOL	3100000	ND	ND	ND	ND	NA	370 R	ND	370 R	ND	ND
4-NITROPHENOL	490000	ND	ND	ND	ND	NA	920 R	ND	920 R	ND	ND
ACENAPHTHENE	3700000	ND	ND	ND	250 J	NA	ND	ND	ND	ND	2900
ANTHRACENE	2200000	ND	380	ND	520	NA	ND	ND	ND	290 J	5200
BENZO(A)ANTHRACENE	620	ND	640	ND	1100	NA	ND	230 J	ND	480	8100
BENZO(A)PYRENE	62	ND	540	ND	900	NA	ND	220 J	ND	490	7900
BENZO(B)FLUORANTHENE	620	ND	710	ND	1200	NA	ND	260 J	ND	580	10000
BENZO(K)FLUORANTHENE	6200	ND	270 J	ND	460	NA	ND	ND	ND	230 J	4500
BENZO[G,H,I]PERYLENE	*	ND	340	ND	340 J	NA	ND	ND	ND	240 J	4600
BIS(2-ETHYLHEXYL) PHTHALATE	35000	ND	ND	ND	230 J	NA	ND	ND	ND	ND	ND
BUTYL BENZYL PHTHALATE	12000000	ND	ND	ND	2600 J	NA	ND	ND	ND	ND	ND
CARBAZOLE	24000	ND	210 J	ND	460	NA	ND	ND	ND	ND	3100
CHRYSENE	62000	ND	630	ND	1100	NA	ND	230 J	ND	460	7600
DIBENZO(A,H)ANTHRACENE	62	ND	ND	ND	ND	NA	ND	ND	ND	ND	1400
DIBENZOFURAN	290000	ND	ND	ND	ND	NA	ND	ND	ND	ND	2100
FLUORANTHENE	2300000	ND	1500	ND	2900	NA	ND	540	ND	1200	18000
FLUORENE	2600000	ND	210 J	ND	270 J	NA	ND	ND	ND	ND	3000
INDENO(1,2,3-CD)PYRENE	620	ND	410	ND	420	NA	ND	ND	ND	340 J	5800
NAPHTHALENE	56000	ND	ND	ND	ND	NA	ND	ND	ND	ND	770
PENTACHLOROPHENOL	3000	ND	ND	ND	ND	NA	920 R	ND	920 R	ND	ND
PHENANTHRENE	*	ND	1400	ND	2000	NA	ND	380	ND	990	16000
PHENOL	37000000	ND	ND	ND	ND	NA	370 R	ND	370 R	ND	ND
PYRENE	2300000	ND	1200	ND	2000	NA	ND	360	ND	960	17000
VOCs (ug/kg)											
2-BUTANONE	7300000	ND	ND	ND	12 R	NA	11 J	21 R	12 R	22 R	13 R
4-METHYL-2-PENTANONE	790000	ND	ND	ND	12 R	NA	ND	ND	ND	ND	ND
ACETONE	1600000	ND	ND	ND	28 J	NA	ND	ND	ND	ND	ND
M-,P-XYLENE	210000	ND	ND	ND	4 J	NA	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	8900	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Other Compounds											
TOTAL SOLIDS (%)	*	98	96	68	95	94	89	93	90	93	92

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL.
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte Duplicates Date Collected Sample Delivery Group	PAL	MY05SS30(0-0.5)	MY05SS31(0-0.5)	MY05SS97(0-0.5) Dup. of MY05SS31(0-0.5)	MY05SS32(0-0.5)	MY05SS34(0-0.5)	MY05SS35(0-0.5)	MY05SS36(0-0.5)	MY05SS37(0-0.5)	MY05SS38(0-0.5)
		4/17/2002 MY102	4/29/2002 MY105		5/1/2002 MY106	4/18/2002 MY105	4/18/2002 MY105	4/18/2002 MY105	4/15/2002 MY102	4/16/2002 MY102
EPH/DRO (mg/kg)										
C11-C22 AROMATICS	100	73 J	42 J	50 J	21 J	42 J	28 J	26 J	33 J	160
C19-C36 ALIPHATICS	100	70	37 J	280 J	12	2300	400	180	24 J	77 J
C9-C18 ALIPHATICS	100	6.6	ND	13	ND	ND	9.6	7.3	ND	ND
DIESEL RANGE ORGANICS	50	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)										
ALUMINUM	76000	6080	9680	10400	6470	NA	NA	NA	9220	4990
ANTIMONY	31	ND	ND	ND	ND	NA	NA	NA	ND	ND
ARSENIC	22	4.7	4.8	4.9	5.2	NA	NA	NA	9.9	4.8
BARIUM	5400	33.4	52.2	46.9	29.5	NA	NA	NA	48.8	23.5
BERYLLIUM	150	0.24	0.44	0.41	0.3	NA	NA	NA	0.39	0.2
BORON	5500	ND	8.8	8.4	ND	NA	NA	NA	2.6	0.75
CADMIUM	37	0.12	ND	0.3 J	ND	NA	NA	NA	0.3 J	0.12
CALCIUM	*	1750	56600	54500	8340	NA	NA	NA	15400	2890
CHROMIUM	210	11.4 R	22.4 R	26.7 R	12.5	NA	NA	NA	20.4	9.3 J
COBALT	4700	3.3	5.3	4.7	4	NA	NA	NA	5.9	7.1
COPPER	2900	9.1 J	34.6 J	42 J	10.3	NA	NA	NA	18.8	8.3 J
IRON	23000	8310	17400	16000	9350	NA	NA	NA	15900	9820
LEAD	400	6.2	9.8	13.4	5.6	NA	NA	NA	16.2	4.4
MAGNESIUM	*	2840	5380	6050	3080	NA	NA	NA	5050	2930
MANGANESE	1800	154	346	232	176	NA	NA	NA	342	167
MERCURY	6.1	0.01 J	0.28	0.26	ND	NA	NA	NA	0.04 J	ND
MOLYBDENUM	390	ND	ND	ND	ND	NA	NA	NA	ND	ND
NICKEL	*	8.5 J	19 J	21.7 J	10.8	NA	NA	NA	16.2	8.7
POTASSIUM	*	1240	2010	1690	1420 J	NA	NA	NA	2100	956 J
SELENIUM	390	ND	ND	ND	ND	NA	NA	NA	ND	ND
SILVER	390	ND	ND	ND	ND	NA	NA	NA	ND	ND
SODIUM	*	245	557	547	360	NA	NA	NA	363	150
THALLIUM	520	ND	ND	ND	ND	NA	NA	NA	ND	ND
VANADIUM	550	11.2	21.4	23.8	14.3	NA	NA	NA	21.4	12.8 J
ZINC	23000	28.7 J	101 J	190 J	37.7	NA	NA	NA	71	36.8 J
PCBs (ug/kg)										
AROCLOR-1242	220	ND	ND	ND	ND	NA	NA	NA	ND	ND
AROCLOR-1248	220	ND	ND	ND	ND	NA	64	NA	ND	ND
AROCLOR-1254	220	50	91 J	47 J	52	NA	180	240	140	ND
AROCLOR-1260	220	ND	ND	ND	ND	NA	21	NA	ND	ND
Pesticides (ug/kg)										
4,4'-DDT	1700	NA	ND	ND	NA	NA	NA	NA	NA	NA
DELTA BHC	*	NA	2.1 R	ND	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	370000	NA	2.1 R	ND	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	370000	NA	4.1 R	ND	NA	NA	NA	NA	NA	NA
SVOCs (ug/kg)										
2,4,5-TRICHLOROPHENOL	6100000	ND	ND	ND	ND	NA	NA	NA	ND	ND
2,4,6-TRICHLOROPHENOL	44000	ND	ND	ND	ND	NA	NA	NA	ND	ND
2,4-DICHLOROPHENOL	180000	ND	ND	ND	ND	NA	NA	NA	ND	ND
2,4-DIMETHYLPHENOL	1200000	ND	ND	ND	ND	NA	NA	NA	ND	ND
2,4-DINITROPHENOL	120000	ND	ND	ND	ND	NA	NA	NA	ND	ND

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SS30(0-0.5) 4/17/2002 MY102	MY05SS31(0-0.5) 4/29/2002 MY105	MY05SS97(0-0.5) Dup. of MY05SS31(0-0.5)	MY05SS32(0-0.5) 5/1/2002 MY106	MY05SS34(0-0.5) 4/18/2002 MY105	MY05SS35(0-0.5) 4/18/2002 MY105	MY05SS36(0-0.5) 4/18/2002 MY105	MY05SS37(0-0.5) 4/15/2002 MY102	MY05SS38(0-0.5) 4/16/2002 MY102	Duplicates
											Date Collected
											Sample Delivery Group
2-CHLOROPHENOL	63000	ND	ND	ND	ND	NA	NA	NA	ND	ND	
2-METHYLNAPHTHALENE	*	1200	290 J	490	310 J	NA	NA	NA	370 J	1500	
2-METHYLPHENOL	3100000	ND	ND	ND	ND	NA	NA	NA	ND	ND	
2-NITROPHENOL	490000	ND	ND	ND	ND	NA	NA	NA	ND	ND	
3-NITROANILINE	*	ND	ND	ND	ND	NA	NA	NA	ND	ND	
4,6-DINITRO-2-METHYLPHENOL	*	ND	ND	ND	ND	NA	NA	NA	ND	ND	
4-CHLORO-3-METHYLPHENOL	*	ND	ND	ND	ND	NA	NA	NA	ND	ND	
4-METHYLPHENOL	3100000	ND	ND	ND	ND	NA	NA	NA	ND	ND	
4-NITROPHENOL	490000	ND	ND	ND	ND	NA	NA	NA	ND	ND	
ACENAPHTHENE	3700000	2200	630 J	890	820	NA	NA	NA	920 J	3000	
ANTHRACENE	2200000	4200	1300	1900	1700	NA	NA	NA	1600 J	5200	
BENZO(A)ANTHRACENE	620	6900	2300	3400	2600	NA	NA	NA	3500 J	8100	
BENZO(A)PYRENE	62	6500	2100	3100	2200	NA	NA	NA	3400 J	7900	
BENZO(B)FLUORANTHENE	620	7900	2600	3800	2900	NA	NA	NA	4200 J	9600	
BENZO(K)FLUORANTHENE	6200	3300	990	1500	1100	NA	NA	NA	1900 J	3900	
BENZO[G,H,I]PERYLENE	*	3200	1100	1500	1100	NA	NA	NA	2000 J	4900	
BIS(2-ETHYLHEXYL) PHTHALATE	35000	ND	1100	1200	ND	NA	NA	NA	ND	ND	
BUTYL BENZYL PHTHALATE	12000000	ND	ND	ND	ND	NA	NA	NA	ND	ND	
CARBAZOLE	24000	2300	860	1200	1100	NA	NA	NA	1100 J	3200	
CHRYSENE	62000	6300	2300	3400	2400	NA	NA	NA	3500 J	7800	
DIBENZO(A,H)ANTHRACENE	62	890	280 J	370 J	280 J	NA	NA	NA	520 J	1300	
DIBENZOFURAN	290000	1600	450	730	600	NA	NA	NA	620 J	1900	
FLUORANTHENE	2300000	12000	6700 J	7300	7000	NA	NA	NA	7700 J	20000	
FLUORENE	2600000	2200	680	1100	920	NA	NA	NA	890 J	2800	
INDENO(1,2,3-CD)PYRENE	620	4000	1300	1800	1200	NA	NA	NA	2600 J	5800	
NAPHTHALENE	56000	550 J	ND	360 J	210 J	NA	NA	NA	220 J	1100	
PENTACHLOROPHENOL	3000	ND	ND	ND	ND	NA	NA	NA	ND	ND	
PHENANTHRENE	*	11000	5000	7200 J	6000	NA	NA	NA	6300 J	18000	
PHENOL	37000000	ND	ND	ND	ND	NA	NA	NA	ND	ND	
PYRENE	2300000	9000	4100	6100	5600	NA	NA	NA	5800 J	15000	
VOCs (ug/kg)											
2-BUTANONE	7300000	10 R	15 R	25 R	10 R	NA	NA	NA	24 R	24 R	
4-METHYL-2-PENTANONE	790000	ND	ND	ND	ND	NA	NA	NA	ND	ND	
ACETONE	1600000	ND	8 J	ND	ND	NA	NA	NA	ND	ND	
M-,P-XYLENE	210000	ND	ND	ND	ND	NA	NA	NA	ND	ND	
METHYLENE CHLORIDE	8900	ND	ND	ND	ND	NA	NA	NA	ND	ND	
Other Compounds											
TOTAL SOLIDS (%)	*	93	81	79	93	91	94	90	90	90	

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SS39(0-0.5) 4/15/2002 MY102	MY05SS40(0-0.5) 4/16/2002 MY102	MY05SS41(0-0.5) 4/15/2002 MY102	MY05SS42(0-0.5) 4/15/2002 MY102	MY05SS43(0-0.5) 4/16/2002 MY102	MY05SS44(0-0.5) 4/16/2002 MY102	MY05SS93(0-0.5) Dup. of MY05SS44(0-0.5) 4/16/2002 MY102	MY05SS48(0-0.5) 4/17/2002 MY102	Duplicates
										Date Collected
Sample Delivery Group										
EPH/DRO (mg/kg)										
C11-C22 AROMATICS	100	ND	57 J	ND	23 J	ND	ND	ND	ND	ND
C19-C36 ALIPHATICS	100	10 J	76 J	ND	25 J	ND	ND	ND	ND	41 J
C9-C18 ALIPHATICS	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIESEL RANGE ORGANICS	50	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)										
ALUMINUM	76000	7460	5730	5560	7110	8730	7540	7070	7130	
ANTIMONY	31	ND	ND	ND	ND	ND	ND	ND	ND	ND
ARSENIC	22	7	7	4.6	6.8	7.5	6.7	6.8	5.2	
BARIUM	5400	35.3	29.5	26.8	32.7	43.4	35.5	35.4	31.2	
BERYLLIUM	150	0.3	0.21	0.21	0.28	0.3	0.32	0.35	0.35	
BORON	5500	ND	0.39	ND	ND	ND	0.67	0.63	1	
CADMIUM	37	0.18 J	0.11	0.12 J	0.26 J	0.18	0.17	0.17	0.16	
CALCIUM	*	2160	1470	2720	5040	6260	4150	2940	4050	
CHROMIUM	210	16.3	10.4 J	11.6	15.9	17.8 J	16.5 J	16.1 J	18.9 J	
COBALT	4700	4.7	3.7	3.6	4.7	5.6	4.8	5.4	4.7	
COPPER	2900	11.9	9.3 J	12.5	14.6	16.7 J	14.4 J	14.3 J	13.1 J	
IRON	23000	12200	8780	9060	12500	13300	12200	12300	11100	
LEAD	400	7.1	8	4.9	10.4	8	9.2	8.9	10.5	
MAGNESIUM	*	3960	2840	2900	4050	4610	4100	3410	3850	
MANGANESE	1800	247	170	159	246	249	243	212	218	
MERCURY	6.1	ND	ND	ND	0.05 J	ND	ND	ND	ND	
MOLYBDENUM	390	ND	ND	ND	ND	ND	ND	ND	ND	
NICKEL	*	12.4	8.8	13.3	12.2	13.9	13.5	13.6	12.9	
POTASSIUM	*	1780	1050 J	1660	1550	1730 J	1750 J	1720 J	1440 J	
SELENIUM	390	ND	ND	ND	ND	ND	ND	ND	ND	
SILVER	390	ND	ND	ND	ND	ND	ND	ND	ND	
SODIUM	*	162	110	239	173	212	127	135	179	
THALLIUM	520	ND	1.1	ND	ND	0.51 J	ND	ND	0.82 J	
VANADIUM	550	17.3	12.8 J	13.8	17.1	24.4 J	16 J	16.1 J	16.5 J	
ZINC	23000	49.4	31.4 J	37.2	60	44.6 J	51.3 J	52.1 J	36.2 J	
PCBs (ug/kg)										
AROCLOR-1242	220	ND	ND	ND	ND	ND	ND	ND	ND	29
AROCLOR-1248	220	ND	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR-1254	220	45	35	ND	ND	ND	ND	ND	ND	ND
AROCLOR-1260	220	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides (ug/kg)										
4,4'-DDT	1700	NA	NA	NA	NA	NA	NA	NA	NA	NA
DELTA BHC	*	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	370000	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	370000	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/kg)										
2,4,5-TRICHLOROPHENOL	6100000	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-TRICHLOROPHENOL	44000	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DICHLOROPHENOL	180000	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DIMETHYLPHENOL	1200000	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DINITROPHENOL	120000	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group	PAL	MY05SS39(0-0.5)	MY05SS40(0-0.5)	MY05SS41(0-0.5)	MY05SS42(0-0.5)	MY05SS43(0-0.5)	MY05SS44(0-0.5)	MY05SS93(0-0.5)	MY05SS48(0-0.5)
			4/15/2002 MY102	4/16/2002 MY102	4/15/2002 MY102	4/15/2002 MY102	4/16/2002 MY102	4/16/2002 MY102	Dup. of MY05SS44(0-0.5) 4/16/2002 MY102	4/17/2002 MY102
2-CHLOROPHENOL		63000	ND	ND	ND	ND	ND	ND	ND	ND
2-METHYLNAPHTHALENE		*	ND	720	ND	ND	ND	ND	ND	ND
2-METHYLPHENOL		3100000	ND	ND	ND	ND	ND	ND	ND	ND
2-NITROPHENOL		490000	ND	ND	ND	ND	ND	ND	ND	ND
3-NITROANILINE		*	ND	ND	ND	ND	ND	ND	ND	ND
4,6-DINITRO-2-METHYLPHENOL		*	ND	ND	ND	ND	ND	ND	ND	ND
4-CHLORO-3-METHYLPHENOL		*	ND	ND	ND	ND	ND	ND	ND	ND
4-METHYLPHENOL		3100000	ND	ND	ND	ND	ND	ND	ND	ND
4-NITROPHENOL		490000	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHENE		3700000	450 J	1600	300 J	240 J	ND	ND	ND	ND
ANTHRACENE		2200000	720 J	2500	520 J	480 J	ND	ND	180 J	ND
BENZO(A)ANTHRACENE		620	870 J	4500	870 J	1100 J	200 J	270 J	410	210 J
BENZO(A)PYRENE		62	750 J	4300	820 J	1100 J	220 J	250 J	400	ND
BENZO(B)FLUORANTHENE		620	940 J	5300	990 J	1400 J	260 J	310 J	490	240 J
BENZO(K)FLUORANTHENE		6200	360 J	2400	480 J	630 J	ND	ND	230 J	ND
BENZO(G,H,I)PERYLENE		*	500 J	2400	440 J	620 J	ND	ND	270 J	ND
BIS(2-ETHYLHEXYL) PHTHALATE		35000	ND	ND	ND	ND	ND	ND	ND	ND
BUTYL BENZYL PHTHALATE		12000000	ND	ND	ND	ND	ND	ND	ND	ND
CARBAZOLE		24000	250 J	1600	340 J	300 J	ND	ND	ND	ND
CHRYSENE		62000	860 J	4300	910 J	1100 J	220 J	270 J	420	200 J
DIBENZO(A,H)ANTHRACENE		62	ND	730	ND	ND	ND	ND	ND	ND
DIBENZOFURAN		290000	540 J	1100	220 J	ND	ND	ND	ND	ND
FLUORANTHENE		2300000	1800 J	11000	2400 J	2700 J	540	580	960	510
FLUORENE		2600000	450 J	1500	290 J	230 J	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE		620	520 J	3000	550 J	740 J	ND	200 J	310 J	ND
NAPHTHALENE		56000	ND	620	ND	ND	ND	ND	ND	ND
PENTACHLOROPHENOL		3000	ND	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE		*	2700 J	9500	2100 J	1800 J	390	450	740	310 J
PHENOL		37000000	ND	ND	ND	ND	ND	ND	ND	ND
PYRENE		2300000	1700 J	7600	1700 J	2000 J	380	450	730	340 J
VOCs (ug/kg)										
2-BUTANONE		7300000	15 R	12 R	25 R	13 R	12 R	10 R	12 R	10 R
4-METHYL-2-PENTANONE		790000	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE		1600000	ND	ND	ND	ND	ND	ND	ND	ND
M-,P-XYLENE		210000	ND	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE		8900	ND	ND	ND	ND	ND	ND	ND	ND
Other Compounds										
TOTAL SOLIDS (%)		*	92	87	86	92	94	94	95	92

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SS49(0-0.5)	MY05SS100(0-0.5)	MY05SS51(0-0.5)	MY05SS94(0-0.5)	MY05SS52(0-0.5)	MY05SS53(0-0.5)	MY05SS54(0-0.5)	MY05SS58(0-0.5)
Duplicates Date Collected Sample Delivery Group		4/17/02 & 5/23/02 MY102	Dup. of MY05SS49(0-0.5) 5/23/02 MY102	4/22/2002 MY101	Dup. of MY05SS51(0-0.5) 4/22/2002 MY101	4/22/2002 MY101	4/23/2002 MY105	4/30/2002 MY105	5/14/2002 MYR101
EPH/DRO (mg/kg)									
C11-C22 AROMATICS	100	ND	ND	ND	ND	ND	ND	ND	ND
C19-C36 ALIPHATICS	100	29 J	24 J	13	ND	ND	ND	120	ND
C9-C18 ALIPHATICS	100	ND	ND	ND	ND	ND	ND	8.5	ND
DIESEL RANGE ORGANICS	50	NA	ND	NA	NA	NA	NA	ND	NA
Metals (mg/kg)									
ALUMINUM	76000	8350	NA	10000	7920	11200	5820	ND	7720
ANTIMONY	31	ND	NA	ND	0.46 J	ND	ND	ND	ND
ARSENIC	22	5.8	NA	9	6.8	11.9	6.6	ND	5.4
BARIUM	5400	36.4	NA	63.8	40.1	62.9	30.7	ND	37.3
BERYLLIUM	150	0.28	NA	0.38	0.31	0.46	0.24	ND	0.27
BORON	5500	0.46	NA	ND	ND	ND	ND	ND	4.7
CADMIUM	37	0.12	NA	0.29	0.29	0.4	0.13	ND	ND
CALCIUM	*	2420	NA	2730	2350	4460	1740	ND	2660 J
CHROMIUM	210	18.6 J	NA	27.9	23	26.9	11.2 R	ND	17.3
COBALT	4700	4	NA	6.8	5.1	7.3	3.8	ND	5.2
COPPER	2900	9.1 J	NA	153	137	177	23.1 J	ND	646 J
IRON	23000	9150	NA	19700	18000	20600	8940	ND	12900
LEAD	400	6	NA	12.4	9.6	42.5	5.2	ND	4.6
MAGNESIUM	*	3080	NA	5350	4720	6190	2760	ND	4160 J
MANGANESE	1800	165	NA	326	282	438	210	ND	214
MERCURY	6.1	ND	NA	ND	ND	ND	0.01 J	ND	ND
MOLYBDENUM	390	ND	NA	ND	ND	ND	ND	ND	1.7
NICKEL	*	14.5	NA	20.9	15.5	20.3	9.3 J	ND	13.1
POTASSIUM	*	1790 J	NA	3110	2320	2710	1740	ND	2520 J
SELENIUM	390	ND	NA	ND	ND	ND	ND	ND	ND
SILVER	390	ND	NA	0.3	0.33	ND	ND	ND	ND
SODIUM	*	403	NA	245	196	337	326	ND	244
THALLIUM	520	ND	NA	ND	ND	ND	ND	ND	ND
VANADIUM	550	16.9 J	NA	23.5	23.2	24.7	12.9	ND	18.9
ZINC	23000	30.2 J	NA	86	63.5	88.1	27.5 J	ND	31.6 J
PCBs (ug/kg)									
AROCLOR-1242	220	ND	ND	ND	ND	ND	ND	NA	ND
AROCLOR-1248	220	ND	ND	ND	ND	ND	ND	NA	ND
AROCLOR-1254	220	ND	ND	ND	ND	ND	ND	NA	57.4
AROCLOR-1260	220	ND	ND	ND	ND	ND	ND	NA	ND
Pesticides (ug/kg)									
4,4'-DDT	1700	NA	NA	NA	NA	NA	NA	ND	NA
DELTA BHC	*	NA	NA	NA	NA	NA	NA	ND	NA
ENDOSULFAN I	370000	NA	NA	NA	NA	NA	NA	ND	NA
ENDOSULFAN II	370000	NA	NA	NA	NA	NA	NA	ND	NA
SVOCs (ug/kg)									
2,4,5-TRICHLOROPHENOL	6100000	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-TRICHLOROPHENOL	44000	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DICHLOROPHENOL	180000	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DIMETHYLPHENOL	1200000	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DINITROPHENOL	120000	ND	ND	ND	ND	ND	ND	ND	ND

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SS49(0-0.5) 4/17/02 & 5/23/02 MY102	MY05SS100(0-0.5) Dup. of MY05SS49(0-0.5) 5/23/02 MY102	MY05SS51(0-0.5) 4/22/2002 MY101	MY05SS94(0-0.5) Dup. of MY05SS51(0-0.5) 4/22/2002 MY101	MY05SS52(0-0.5) 4/22/2002 MY101	MY05SS53(0-0.5) 4/23/2002 MY105	MY05SS54(0-0.5) 4/30/2002 MY105	MY05SS58(0-0.5) 5/14/2002 MYR101	Duplicates Date Collected Sample Delivery Group
2-CHLOROPHENOL	63000	ND	ND	ND	ND	ND	ND	ND	ND	
2-METHYLNAPHTHALENE	*	ND	ND	ND	ND	ND	ND	ND	ND	
2-METHYLPHENOL	3100000	ND	ND	ND	ND	ND	ND	ND	ND	
2-NITROPHENOL	490000	ND	ND	ND	ND	ND	ND	ND	ND	
3-NITROANILINE	*	850 R	850 R	ND	ND	ND	ND	ND	ND	
4,6-DINITRO-2-METHYLPHENOL	*	ND	ND	ND	ND	ND	ND	ND	ND	
4-CHLORO-3-METHYLPHENOL	*	ND	ND	ND	ND	ND	ND	ND	ND	
4-METHYLPHENOL	3100000	ND	ND	ND	ND	ND	ND	ND	ND	
4-NITROPHENOL	490000	ND	ND	ND	ND	ND	ND	ND	ND	
ACENAPHTHENE	3700000	ND	ND	ND	ND	ND	ND	ND	ND	
ANTHRACENE	2200000	ND	ND	ND	ND	ND	1200 J	ND	ND	
BENZO(A)ANTHRACENE	620	250 J	ND	ND	ND	ND	2600	ND	ND	
BENZO(A)PYRENE	62	460 J	390	ND	ND	ND	2200	ND	ND	
BENZO(B)FLUORANTHENE	620	490 J	410	ND	ND	ND	2900	ND	ND	
BENZOK(F)FLUORANTHENE	6200	380 J	350	ND	ND	ND	1200 J	ND	ND	
BENZO[G,H,I]PERYLENE	*	340 J	300 J	ND	ND	ND	ND	ND	ND	
BIS(2-ETHYLHEXYL) PHTHALATE	35000	ND	ND	ND	ND	ND	2300	ND	ND	
BUTYL BENZYL PHTHALATE	12000000	ND	ND	ND	ND	ND	ND	ND	ND	
CARBAZOLE	24000	ND	ND	ND	ND	ND	1800 J	ND	ND	
CHRYSENE	62000	240 J	ND	ND	ND	ND	2500	ND	ND	
DIBENZO(A,H)ANTHRACENE	62	360 J	350	ND	ND	ND	ND	ND	ND	
DIBENZOFURAN	290000	ND	ND	ND	ND	ND	ND	ND	ND	
FLUORANTHENE	2300000	570 J	330 J	ND	ND	ND	6600	ND	ND	
FLUORENE	2600000	ND	ND	ND	ND	ND	ND	ND	ND	
INDENO(1,2,3-CD)PYRENE	620	400 J	360	ND	ND	ND	1200 J	ND	ND	
NAPHTHALENE	56000	ND	ND	ND	ND	ND	ND	ND	ND	
PENTACHLOROPHENOL	3000	ND	ND	ND	ND	ND	ND	ND	ND	
PHENANTHRENE	*	390 J	220 J	ND	ND	ND	4500	ND	ND	
PHENOL	37000000	ND	ND	ND	ND	ND	ND	ND	ND	
PYRENE	2300000	440 J	300 J	ND	ND	ND	4800	ND	ND	
VOCs (ug/kg)										
2-BUTANONE	7300000	14 R	10 R	12 R	10 R	10 R	24 R	ND	ND	
4-METHYL-2-PENTANONE	790000	ND	ND	12 R	10 R	10 R	24 R	ND	ND	
ACETONE	1600000	11 R	10 R	ND	ND	31 J	ND	ND	ND	
M-,P-XYLENE	210000	ND	ND	ND	ND	ND	ND	ND	ND	
METHYLENE CHLORIDE	8900	ND	ND	7 J	5 J	6 J	28 J	ND	ND	
Other Compounds										
TOTAL SOLIDS (%)	*	96	96	86	85	83	90	92	89.3	

Notes:
PAL = Project Action Limit
* PAL Not Available
Bold values indicate an exceedence of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group	PAL	MY05SS99(0-0.5) Dup. of MY05SS58(0-0.5) 5/14/2002 MYR101	MY05SS59(0-0.5) 5/15/2002 MYR101	MY05SS79(0-0.5) 4/24/02 & 7/11/2002 MY102 & MY114	MY05SS96(0-0.5) Dup. of MY05SS79(0-0.5) 4/24/2002 MY102	MY05SS80(0-0.5) 4/23/02 & 7/11/2002 MY105 & MY114	MY05SS95(0-0.5) Dup. of MY05SS80(0-0.5) 4/23/2002 MY105	MY05TP105(3-3.5) 5/16/2002 MY109	MY05TP105(4-4.5) 5/16/2002 MY109
EPH/DRO (mg/kg)										
C11-C22 AROMATICS		100	ND	ND	24 J	31 J	150 J	120	ND	ND
C19-C36 ALIPHATICS		100	ND	ND	ND	ND	32	ND	ND	ND
C9-C18 ALIPHATICS		100	ND	ND	ND	7.3	17 J	6.9 J	ND	ND
DIESEL RANGE ORGANICS		50	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)										
ALUMINUM		76000	8050	9000	9200	9400	9430	7770	NA	NA
ANTIMONY		31	ND	ND	ND	0.5 J	ND	ND	NA	NA
ARSENIC		22	6.2	5.7	9	8.6	6.3	5.6	NA	NA
BARIUM		5400	33.7	52.7	53.2	49.4	53.1	42.5	NA	NA
BERYLLIUM		150	0.31	0.51	0.4	0.43	0.76	0.77	NA	NA
BORON		5500	5.2	7.1	0.43	0.3 J	4.3	5.1	NA	NA
CADMIUM		37	ND	ND	0.29	0.31	0.47 J	0.26 J	NA	NA
CALCIUM		*	3100 J	2060 J	6080	4830	9100	8880	NA	NA
CHROMIUM		210	18.3	19.6	25.2 J	29.2 J	29.4 R	24.7 R	NA	NA
COBALT		4700	4.8	5.8	6	6.5	5.6	5.4	NA	NA
COPPER		2900	757 J	49.8 J	187 J	170 J	426 J	436 J	NA	NA
IRON		23000	12700	13800	20400	22000	23000	21500	NA	NA
LEAD		400	5	7.2	15.2	19.1	12.4	13.2	NA	NA
MAGNESIUM		*	3610 J	4700 J	5030	5280	4130	3760	NA	NA
MANGANESE		1800	216	358	331	367	309	280	NA	NA
MERCURY		6.1	ND	ND	ND	ND	0.1 J	0.09 J	NA	NA
MOLYBDENUM		390	1.7	1 J	ND	ND	ND	ND	NA	NA
NICKEL		*	12.4	15.9	18.8	21.1	22.8 J	21.1 J	NA	NA
POTASSIUM		*	1960 J	2550 J	2320 J	2240 J	2030	1630	NA	NA
SELENIUM		390	ND	ND	ND	ND	ND	ND	NA	NA
SILVER		390	ND	ND	4.6	1.3	5.4 J	9.4 J	NA	NA
SODIUM		*	325	519	268	250	370	281	NA	NA
THALLIUM		520	ND	ND	ND	ND	ND	ND	NA	NA
VANADIUM		550	18.6	21.6	19.7 J	22.6 J	21.3	18.2	NA	NA
ZINC		23000	36.4 J	66.2 J	83.6 J	88 J	139 J	150 J	NA	NA
PCBs (ug/kg)										
AROCLOR-1242		220	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR-1248		220	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR-1254		220	65	18.9	ND	ND	77	90	ND	ND
AROCLOR-1260		220	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides (ug/kg)										
4,4'-DDT		1700	NA	NA	NA	NA	NA	NA	NA	NA
DELTA BHC		*	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN I		370000	NA	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN II		370000	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/kg)										
2,4,5-TRICHLOROPHENOL		6100000	ND	ND	ND	ND	ND	ND	NA	NA
2,4,6-TRICHLOROPHENOL		44000	ND	ND	ND	ND	ND	ND	NA	NA
2,4-DICHLOROPHENOL		180000	ND	ND	ND	ND	ND	ND	NA	NA
2,4-DIMETHYLPHENOL		1200000	ND	ND	ND	ND	ND	ND	NA	NA
2,4-DINITROPHENOL		120000	ND	ND	ND	ND	ND	ND	NA	NA

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group	PAL	MY05SS99(0-0.5) Dup. of MY05SS58(0-0.5) 5/14/2002 MYR101	MY05SS59(0-0.5) 5/15/2002 MYR101	MY05SS79(0-0.5) 4/24/02 & 7/11/2002 MY102 & MY114	MY05SS96(0-0.5) Dup. of MY05SS79(0-0.5) 4/24/2002 MY102	MY05SS80(0-0.5) 4/23/02 & 7/11/2002 MY105 & MY114	MY05SS95(0-0.5) Dup. of MY05SS80(0-0.5) 4/23/2002 MY105	MY05TP105(3-3.5) 5/16/2002 MY109	MY05TP105(4-4.5) 5/16/2002 MY109
2-CHLOROPHENOL		63000	ND	ND	ND	ND	ND	ND	NA	NA
2-METHYLNAPHTHALENE	*		ND	ND	ND	ND	860	1400	NA	NA
2-METHYLPHENOL		3100000	ND	ND	ND	ND	ND	ND	NA	NA
2-NITROPHENOL		490000	ND	ND	ND	ND	ND	ND	NA	NA
3-NITROANILINE	*		ND	ND	ND	ND	ND	ND	NA	NA
4,6-DINITRO-2-METHYLPHENOL	*		ND	ND	ND	ND	ND	ND	NA	NA
4-CHLORO-3-METHYLPHENOL	*		ND	ND	ND	ND	ND	ND	NA	NA
4-METHYLPHENOL		3100000	ND	ND	ND	ND	ND	ND	NA	NA
4-NITROPHENOL		490000	ND	ND	ND	ND	ND	ND	NA	NA
ACENAPHTHENE		3700000	ND	ND	ND	ND	2600	4200	NA	NA
ANTHRACENE		2200000	ND	ND	360 J	330 J	9000	8800	NA	NA
BENZO(A)ANTHRACENE		620	ND	ND	950	920	20000	18000	NA	NA
BENZO(A)PYRENE		62	ND	ND	810	790	17000	15000	NA	NA
BENZO(B)FLUORANTHENE		620	ND	ND	1100	1000	23000	19000	NA	NA
BENZO(K)FLUORANTHENE		6200	ND	ND	400	400	9500	7300 J	NA	NA
BENZO(G,H,I)PERYLENE	*		ND	ND	460	460	8700	8000	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE		35000	ND	ND	ND	ND	ND	ND	NA	NA
BUTYL BENZYL PHTHALATE		12000000	ND	ND	ND	ND	520 J	620 J	NA	NA
CARBAZOLE		24000	ND	ND	390	380	6400	9800 J	NA	NA
CHRYSENE		62000	ND	ND	970	930	20000	18000	NA	NA
DIBENZO(A,H)ANTHRACENE		62	ND	ND	ND	ND	1400	2100	NA	NA
DIBENZOFURAN		290000	ND	ND	ND	ND	1900	3000	NA	NA
FLUORANTHENE		2300000	ND	ND	2600	2500	52000	46000	NA	NA
FLUORENE		2600000	ND	ND	190 J	ND	4500	4600	NA	NA
INDENO(1,2,3-CD)PYRENE		620	ND	ND	520	520	10000	9400	NA	NA
NAPHTHALENE		56000	ND	ND	ND	ND	ND	550 J	NA	NA
PENTACHLOROPHENOL		3000	ND	ND	ND	ND	ND	ND	NA	NA
PHENANTHRENE	*		ND	ND	1700	1600	36000	33000	NA	NA
PHENOL		37000000	ND	ND	ND	ND	ND	ND	NA	NA
PYRENE		2300000	ND	ND	1800	1800	40000	38000	NA	NA
VOCs (ug/kg)										
2-BUTANONE		7300000	ND	ND	18 R	18 R	16 R	24 R	NA	NA
4-METHYL-2-PENTANONE		790000	ND	ND	ND	ND	16 R	24 R	NA	NA
ACETONE		1600000	ND	ND	ND	ND	24 J	28 J	NA	NA
M-,P-XYLENE		210000	ND	ND	ND	ND	ND	ND	NA	NA
METHYLENE CHLORIDE		8900	ND	ND	10 J	10 J	ND	ND	NA	NA
Other Compounds										
TOTAL SOLIDS (%)	*		86.4	89.2	97	90	96	88	89	91

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte Duplicates Date Collected Sample Delivery Group	PAL	MYLOSS01(0-0.5)	MYLOSS06(0-0.5) Dup. of MYLOSS01(0-0.5)	MYLOSS02(0-0.5)	MYLOSS03(0-0.5)	MYLOSS04(0-0.5)	MYLOSS05(0-0.5)
		5/1/2002 MY108	5/1/2002 MY108	5/1/2002 MY108	5/1/2002 MY108	5/1/2002 MY108	5/1/2002 MY108
EPH/DRO (mg/kg)							
C11-C22 AROMATICS	100	NA	NA	NA	NA	NA	NA
C19-C36 ALIPHATICS	100	NA	NA	NA	NA	NA	NA
C9-C18 ALIPHATICS	100	NA	NA	NA	NA	NA	NA
DIESEL RANGE ORGANICS	50	33	48	64	6	5.5	110
Metals (mg/kg)							
ALUMINUM	76000	NA	NA	NA	NA	NA	NA
ANTIMONY	31	NA	NA	NA	NA	NA	NA
ARSENIC	22	NA	NA	NA	NA	NA	NA
BARIUM	5400	NA	NA	NA	NA	NA	NA
BERYLLIUM	150	NA	NA	NA	NA	NA	NA
BORON	5500	NA	NA	NA	NA	NA	NA
CADMIUM	37	NA	NA	NA	NA	NA	NA
CALCIUM	*	NA	NA	NA	NA	NA	NA
CHROMIUM	210	NA	NA	NA	NA	NA	NA
COBALT	4700	NA	NA	NA	NA	NA	NA
COPPER	2900	NA	NA	NA	NA	NA	NA
IRON	23000	NA	NA	NA	NA	NA	NA
LEAD	400	NA	NA	NA	NA	NA	NA
MAGNESIUM	*	NA	NA	NA	NA	NA	NA
MANGANESE	1800	NA	NA	NA	NA	NA	NA
MERCURY	6.1	NA	NA	NA	NA	NA	NA
MOLYBDENUM	390	NA	NA	NA	NA	NA	NA
NICKEL	*	NA	NA	NA	NA	NA	NA
POTASSIUM	*	NA	NA	NA	NA	NA	NA
SELENIUM	390	NA	NA	NA	NA	NA	NA
SILVER	390	NA	NA	NA	NA	NA	NA
SODIUM	*	NA	NA	NA	NA	NA	NA
THALLIUM	520	NA	NA	NA	NA	NA	NA
VANADIUM	550	NA	NA	NA	NA	NA	NA
ZINC	23000	NA	NA	NA	NA	NA	NA
PCBs (ug/kg)							
AROCLOR-1242	220	ND	ND	ND	ND	ND	ND
AROCLOR-1248	220	ND	ND	ND	ND	ND	ND
AROCLOR-1254	220	ND	ND	ND	ND	ND	43
AROCLOR-1260	220	ND	ND	ND	ND	ND	ND
Pesticides (ug/kg)							
4,4'-DDT	1700	NA	NA	NA	NA	NA	NA
DELTA BHC	*	NA	NA	NA	NA	NA	NA
ENDOSULFAN I	370000	NA	NA	NA	NA	NA	NA
ENDOSULFAN II	370000	NA	NA	NA	NA	NA	NA
SVOCs (ug/kg)							
2,4,5-TRICHLOROPHENOL	610000	ND	ND	ND	ND	ND	ND
2,4,6-TRICHLOROPHENOL	44000	ND	ND	ND	ND	ND	ND
2,4-DICHLOROPHENOL	180000	ND	ND	ND	ND	ND	ND
2,4-DIMETHYLPHENOL	1200000	ND	ND	ND	ND	ND	ND
2,4-DINITROPHENOL	120000	ND	ND	ND	ND	ND	ND

Table 4-11
Study Area 5 - Industrial Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MYLOSS01(0-0.5) 5/1/2002 MY108	MYLOSS06(0-0.5) Dup. of MYLOSS01(0-0.5) 5/1/2002 MY108	MYLOSS02(0-0.5) 5/1/2002 MY108	MYLOSS03(0-0.5) 5/1/2002 MY108	MYLOSS04(0-0.5) 5/1/2002 MY108	MYLOSS05(0-0.5) 5/1/2002 MY108
2-CHLOROPHENOL	63000	ND	ND	ND	ND	ND	ND
2-METHYLNAPHTHALENE	*	ND	ND	ND	ND	ND	ND
2-METHYLPHENOL	3100000	ND	ND	ND	ND	ND	ND
2-NITROPHENOL	490000	ND	ND	ND	ND	ND	ND
3-NITROANILINE	*	ND	ND	ND	ND	ND	ND
4,6-DINITRO-2-METHYLPHENOL	*	ND	ND	ND	ND	ND	ND
4-CHLORO-3-METHYLPHENOL	*	ND	ND	ND	ND	ND	ND
4-METHYLPHENOL	3100000	ND	ND	ND	ND	ND	ND
4-NITROPHENOL	490000	ND	ND	ND	ND	ND	ND
ACENAPHTHENE	3700000	ND	ND	ND	ND	ND	ND
ANTHRACENE	2200000	190 J	ND	240 J	ND	ND	ND
BENZO(A)ANTHRACENE	620	420	190 J	540	ND	ND	330 J
BENZO(A)PYRENE	62	320 J	ND	360	ND	ND	260 J
BENZO(B)FLUORANTHENE	620	410	200 J	500	ND	ND	340 J
BENZO(K)FLUORANTHENE	6200	ND	ND	200 J	ND	ND	ND
BENZO(G,H,I)PERYLENE	*	ND	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL) PHTHALATE	35000	ND	ND	ND	ND	ND	590
BUTYL BENZYL PHTHALATE	12000000	ND	ND	ND	ND	ND	ND
CARBAZOLE	24000	300 J	260 J	300 J	230 J	240 J	270 J
CHRYSENE	62000	400	190 J	480	ND	ND	320 J
DIBENZO(A,H)ANTHRACENE	62	ND	ND	ND	ND	ND	ND
DIBENZOFURAN	290000	ND	ND	ND	ND	ND	ND
FLUORANTHENE	2300000	970	460	1100	ND	ND	820
FLUORENE	2600000	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	620	200 J	ND	ND	ND	ND	ND
NAPHTHALENE	56000	ND	ND	ND	ND	ND	ND
PENTACHLOROPHENOL	3000	ND	ND	ND	ND	ND	ND
PHENANTHRENE	*	790	340 J	1100	ND	ND	620 J
PHENOL	37000000	ND	ND	ND	ND	ND	ND
PYRENE	2300000	820	400	1000	ND	ND	650
VOCs (ug/kg)							
2-BUTANONE	7300000	12 R	11 R	12 R	16 R	17 R	13 R
4-METHYL-2-PENTANONE	790000	8 J	11 R	12 R	16 R	17 R	ND
ACETONE	1600000	18 J	9 J	ND	ND	ND	62 J
M-,P-XYLENE	210000	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	8900	ND	ND	ND	ND	ND	ND
Other Compounds							
TOTAL SOLIDS (%)	*	89	90	93	95	93	92

Notes:

- PAL = Project Action Limit
- * PAL Not Available
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- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-12
Study Area 5 - Industrial Area Groundwater Analytical Results
Detected Compounds

Analyte	PAL	MY05GW01 MW-306 6/11/2002 MYR102	MY05GW01-1C MW-306 10/7/2002 MY123	MY05GW153-1C MW-306 10/7/2002 MY123	MY05GW02 MW-307 6/13/2002 MYR102	MY05GW02-1C MW-307 10/7/2002 MY123	MY05GW04 B-201 6/13/2002 MYR102	MY05GW04-1C B-201 10/7/2002 MY123
Anions (mg/l)**								
ALKALINITY AS CaCO3	*	73.7	NA	NA	115	NA	63.9	NA
BICARBONATE AS CaCO3	*	73.7	NA	NA	112	NA	63.9	NA
BROMIDE	*	ND	NA	NA	ND	NA	1.84	NA
CARBONATE AS CaCO3	*	ND	NA	NA	3.40	NA	ND	NA
CHLORIDE	*	80.9	NA	NA	70.8	NA	639	NA
NITRATE AS N [EPA 300A]	10	1.21	NA	NA	0.101	NA	ND	NA
SULFATE	*	106	NA	NA	72.5	NA	153	NA
EPH/DRO (ug/l)								
DIESEL RANGE ORGANICS (ug/l)	50	149 J	ND	ND	612 J	580	156 J	ND
EPH (ug/l)	50	NA	NA	NA	NA	NA	NA	NA
Metals (ug/l)								
ALUMINUM	1430	69.9 J	ND	ND	331 J	ND	86.9 J	ND
ARSENIC	10	ND	ND	ND	ND	3.1 J	ND	ND
BARIUM	2000	36.9	33.9	37.3	60.4	100	184	191
BERYLLIUM	73	ND	0.46 J	ND	ND	ND	ND	ND
BORON	630	70.5	66.4	71.9	35.9 J	53.5	156	147
CADMIUM	3.5	ND	0.09 J	0.08 J	ND	0.42	0.24 J	1.7
CALCIUM	*	57200	57900	60700	48800	62200	100000	106000
CHROMIUM	40	ND	ND	ND	ND	ND	ND	ND
COBALT	2200	9.2 J	7.4 J	ND	ND	ND	ND	8.2 J
COPPER	1300	ND	ND	ND	ND	ND	ND	ND
IRON	11000	139 J	58.1	95.5	63.3 J	166	288 J	3770
LEAD	10	ND	ND	ND	ND	ND	ND	ND
MAGNESIUM	*	16800	18900	19600	5570	8090	44500	46500
MANGANESE	500	80.6 J	127	134	880 J	1520	2740 J	3340
MERCURY	2	ND	ND	0.07 J	ND	0.04 J	ND	0.08 J
MOLYBDENUM	35	ND	ND	ND	12.7	12.7	ND	ND
NICKEL	140	5.3 J	ND	ND	6.2 J	21.3 J	10.9 J	ND
POTASSIUM	*	8120	8910	8460	13500	17200	17200	17800
SELENIUM	35	ND	ND	ND	ND	ND	4.6	ND
SILVER	35	ND	ND	ND	ND	ND	ND	ND
SODIUM	20000	35800	37500	36500	50700	66800	305000	324000
THALLIUM	2.4	ND	ND	0.69	ND	ND	ND	ND
ZINC	2000	34.7 J	42	47.3	6 J	4.9	21 J	16.5
PCB (ug/l)								
		ND	NA	NA	ND	NA	ND	NA
Pesticides (ug/kg)								
		ND	NA	NA	ND	NA	ND	NA
SVOCs (ug/l)								
2,4,5-TRICHLOROPHENOL	*	ND	NA	NA	ND	NA	5 R	NA
2,4,6-TRICHLOROPHENOL	32	ND	NA	NA	ND	NA	5 R	NA
2,4-DICHLOROPHENOL	21	ND	NA	NA	ND	NA	5 R	NA
2,4-DIMETHYLPHENOL	730	ND	NA	NA	ND	NA	5 R	NA
2,4-DINITROPHENOL	14	ND	NA	NA	ND	NA	5 R	NA
2-CHLOROPHENOL	35	ND	NA	NA	ND	NA	5 R	NA
2-METHYLPHENOL	1800	ND	NA	NA	ND	NA	5 R	NA
2-NITROPHENOL	60	ND	NA	NA	ND	NA	5 R	NA
3-NITROANILINE	*	ND	NA	NA	ND	NA	ND	NA
4,6-DINITRO-2-METHYLPHENOL	*	ND	NA	NA	ND	NA	5 R	NA
4-CHLORO-3-METHYLPHENOL	*	ND	NA	NA	ND	NA	5 R	NA
4-METHYLPHENOL	3.5	ND	NA	NA	ND	NA	5 R	NA
4-NITROPHENOL	60	ND	NA	NA	ND	NA	5 R	NA
PENTACHLOROPHENOL	3	ND	NA	NA	ND	NA	5 R	NA
PHENOL	4000	ND	NA	NA	ND	NA	5 R	NA
VOCs (ug/l)								
ACETONE	700	ND	5 R	5 R	ND	NA	ND	NA
CHLOROFORM	57	ND	ND	ND	ND	NA	ND	NA
Other Compounds								
NITRATE (mg/l) [EPA 353.2]	10	NA	NA	NA	NA	NA	NA	NA

Notes:
PAL = Project Action Limit
* PAL Not Available
** Data results are not validated
Bold values indicate an exceedance of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-12
Study Area 5 - Industrial Area Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Date Collected Sample Delivery Group	PAL	MY05GW10 MW-308 12/12/2001 MY023
Anions (mg/l)**			
ALKALINITY AS CaCO3		*	NA
BICARBONATE AS CaCO3		*	NA
BROMIDE		*	NA
CARBONATE AS CaCO3		*	NA
CHLORIDE		*	NA
NITRATE AS N [EPA 300A]		10	NA
SULFATE		*	NA
EPH/DRO (ug/l)			
DIESEL RANGE ORGANICS (ug/l)		50	NA
EPH (ug/l)		50	ND
Metals (ug/l)			
ALUMINUM		1430	ND
ARSENIC		10	ND
BARIUM		2000	40.2
BERYLLIUM		73	ND
BORON		630	25.8
CADMIUM		3.5	ND
CALCIUM		*	38000
CHROMIUM		40	ND
COBALT		2200	ND
COPPER		1300	ND
IRON		11000	ND
LEAD		10	ND
MAGNESIUM		*	9420
MANGANESE		500	1120
MERCURY		2	ND
MOLYBDENUM		35	56.4
NICKEL		140	19
POTASSIUM		*	5630
SELENIUM		35	ND
SILVER		35	ND
SODIUM		20000	11600
THALLIUM		2.4	ND
ZINC		2000	9
PCB (ug/l)			
			ND
Pesticides (ug/kg)			
			ND
SVOCs (ug/l)			
2,4,5-TRICHLOROPHENOL		*	ND
2,4,6-TRICHLOROPHENOL		32	ND
2,4-DICHLOROPHENOL		21	ND
2,4-DIMETHYLPHENOL		730	ND
2,4-DINITROPHENOL		14	ND
2-CHLOROPHENOL		35	ND
2-METHYLPHENOL		1800	ND
2-NITROPHENOL		60	ND
3-NITROANILINE		*	ND
4,6-DINITRO-2-METHYLPHENOL		*	ND
4-CHLORO-3-METHYLPHENOL		*	ND
4-METHYLPHENOL		3.5	ND
4-NITROPHENOL		60	ND
PENTACHLOROPHENOL		3	ND
PHENOL		4000	ND
VOCs (ug/l)			
ACETONE		700	ND
CHLOROFORM		57	2
Other Compounds			
NITRATE (mg/l) [EPA 353.2]		10	0.1

Notes:
PAL = Project Action Limit
* PAL Not Available
** Data results are not validated
Bold values indicate an exceedence of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-12
Study Area 5 - Industrial Area Groundwater Analytical Results
Detected Compounds

Analyte	PAL	MY05GW30 MW-308 MY05GW10 12/12/2001 MY023	MY05GW10-1B MW-308 6/11/2002 MYR102	MY05GW104 MW-403 6/10/2002 MYR102	MY05GW104-1C MW-403 10/7/2002 MY123	MY05GW24 MW-317 12/5/2001 MY021	MY05GW25 MW-318 6/13/2002 MY111	MY05GW25-1C MW-318 10/7/2002 MY123
Well Number Duplicates Date Collected Sample Delivery Group								
Anions (mg/l)**								
ALKALINITY AS CaCO3	*	NA	88.1	50.1	NA	NA	NA	NA
BICARBONATE AS CaCO3	*	NA	88.1	50.1	NA	NA	NA	NA
BROMIDE	*	NA	ND	ND	NA	NA	NA	NA
CARBONATE AS CaCO3	*	NA	ND	ND	NA	NA	NA	NA
CHLORIDE	*	NA	34.6	97.7	NA	NA	NA	NA
NITRATE AS N [EPA 300A]	10	NA	0.215	2.82	NA	NA	NA	NA
SULFATE	*	NA	58.9	134	NA	NA	NA	NA
EPH/DRO (ug/l)								
DIESEL RANGE ORGANICS (ug/l)	50	NA	75 J	344 J	350	NA	440	930
EPH (ug/l)	50	ND	NA	NA	NA	200	NA	NA
Metals (ug/l)								
ALUMINUM	1430	ND	ND	64.3 J	ND	107	281	ND
ARSENIC	10	ND	ND	ND	ND	1.2 J	ND	ND
BARIUM	2000	40.9	36.7	65.4	36.5	78.2	85	84.9
BERYLLIUM	73	ND	ND	ND	ND	ND	ND	ND
BORON	630	25.7	ND	57.4	64.6	14.1	20.2	42.9
CADMIUM	3.5	ND	ND	0.5	0.06 J	ND	ND	0.06 J
CALCIUM	*	38400	42600	101000	52100	30300	31900	39400
CHROMIUM	40	ND	ND	ND	ND	1.8	ND	ND
COBALT	2200	ND	ND	ND	ND	ND	ND	ND
COPPER	1300	ND	ND	ND	ND	3.5	ND	ND
IRON	11000	ND	148 J	60.3 J	ND	745	533	1710
LEAD	10	ND	ND	ND	ND	2.9	ND	ND
MAGNESIUM	*	9340	12100	36600	19200	13600	11600	14800
MANGANESE	500	1140	783 J	328 J	168	672	509	640
MERCURY	2	ND	ND	ND	0.05 J	ND	ND	0.05 J
MOLYBDENUM	35	59.8	54	ND	ND	19.4	ND	ND
NICKEL	140	12.2	ND	42.2	11.5 J	15.2	15.8 J	ND
POTASSIUM	*	5420	5010	20400	17000	4640	5630	8620
SELENIUM	35	ND	ND	3.2	ND	3.2 J	ND	ND
SILVER	35	ND	ND	ND	ND	0.06 J	ND	ND
SODIUM	20000	11400	15400	87300	65700	16700	24600	37300
THALLIUM	2.4	ND	ND	ND	ND	0.56	0.32	ND
ZINC	2000	6.6	ND	28.4 J	15.6	ND	13	11.6
PCB (ug/l)								
		ND	ND	ND	NA	ND	ND	NA
Pesticides (ug/kg)								
		ND	ND	ND	NA	ND	ND	NA
SVOCs (ug/l)								
2,4,5-TRICHLOROPHENOL	*	ND	ND	ND	NA	ND	ND	NA
2,4,6-TRICHLOROPHENOL	32	ND	ND	ND	NA	ND	ND	NA
2,4-DICHLOROPHENOL	21	ND	ND	ND	NA	ND	ND	NA
2,4-DIMETHYLPHENOL	730	ND	ND	ND	NA	ND	ND	NA
2,4-DINITROPHENOL	14	ND	ND	ND	NA	ND	ND	NA
2-CHLOROPHENOL	35	ND	ND	ND	NA	ND	ND	NA
2-METHYLPHENOL	1800	ND	ND	ND	NA	ND	ND	NA
2-NITROPHENOL	60	ND	ND	ND	NA	ND	ND	NA
3-NITROANILINE	*	ND	ND	ND	NA	ND	25 R	NA
4,6-DINITRO-2-METHYLPHENOL	*	ND	ND	ND	NA	ND	ND	NA
4-CHLORO-3-METHYLPHENOL	*	ND	ND	ND	NA	ND	ND	NA
4-METHYLPHENOL	3.5	ND	ND	ND	NA	ND	ND	NA
4-NITROPHENOL	60	ND	ND	ND	NA	ND	ND	NA
PENTACHLOROPHENOL	3	ND	ND	ND	NA	ND	ND	NA
PHENOL	4000	ND	ND	ND	NA	ND	ND	NA
VOCs (ug/l)								
ACETONE	700	ND	ND	ND	NA	ND	ND	NA
CHLOROFORM	57	2	ND	ND	NA	18	9	NA
Other Compounds								
NITRATE (mg/l) [EPA 353.2]	10	0.2	NA	NA	NA	0.5	0.24	NA

Notes:

PAL = Project Action Limit

* PAL Not Available

** Data results are not validated

Bold values indicate an exceedence of the PAL

J = Estimated Value

R = Rejected Value

ND = Compound(s) Not Detected

NA = Compound(s) Not Analyzed

Table 4-13
Study Area 5 - Forebay Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05HA01 10/23/2001 MYR002	MY05HA02 10/23/2001 MYR002	MY05HA03 10/23/2001 MYR002	MY05HA04 10/4/2001 MYR001	MY05HA05 10/4/2001 MYR001	MY05HA06 10/4/2001 MYR001	MY05HA10 Dup of MY05HA06	
								Duplicates Date Collected Sample Delivery Group	10/4/2001 MYR001
EPH (mg/kg)									
UNADJUSTED C11-C22	100	ND	27.9	ND	ND	ND	ND	ND	ND
UNADJUSTED C19-C36	100	ND	7.5	ND	ND	ND	ND	ND	ND
Metals (mg/kg)									
ALUMINUM	76000	16100	13600	14300	12900	12500	11100		15800
ANTIMONY	31	1.2 R	1.3 R	1.3 R	1.4 R	1.3 R	1.3 R		1.3 R
ARSENIC	22	15.7	9.8	7.8	12.8	12.1	12.3		14.4
BARIUM	5400	60.4	75.7	55	60.8 J	55.8 J	45.4 J		69.9 J
BERYLLIUM	150	0.44 J	ND	ND	ND	ND	ND		ND
BORON	5500	9.3	6.1	7.3	6.1	11.8	9.6		11.5
CALCIUM	*	2140 J	1970 J	1630 J	1970 J	2590 J	2610 J		2730 J
CHROMIUM	210	41.2	41.7	33.5	32.6 J	29.9 J	27.9 J		43.7 J
COBALT	4700	10.2	8.2	8.6	7.9	7.5	7.7		10.5
COPPER	2900	40.5	20.2	28.7	17.8	32.6	23.7		29.9
IRON	23000	24600	21400	24200	21000	22800	21700		28600
LEAD	400	14.4	11.3	12	10.1	16.8	16.9		16.1
MAGNESIUM	*	7900	8190	7300	7630	6670	6390		9000
MANGANESE	1800	320	330	309	321 J	355 J	458 J		633 J
MERCURY	6.1	0.06 J	ND	0.05 J	ND	0.07 J	ND		ND
MOLYBDENUM	390	1.2 J	ND	ND	ND	ND	1.2 J		1.5 J
NICKEL	*	28.2	26.4	22.3	24	20.4	20.8		28.2
POTASSIUM	*	6260 J	4830 J	2860 J	5310	3300	3620		5580
SODIUM	*	1620 J	2910 J	212 J	1950	3250	2700		3510
VANADIUM	550	41.2	38.5	39.7	34.4	32.9	32.7		46.2
ZINC	23000	66.5 J	88.8 J	68.9 J	66.9	80.4	80.1		106
PCBs (ug/kg)									
		ND	ND	ND	ND	ND	ND		ND
Pesticides (ug/kg)									
		ND	ND	ND	ND	ND	ND		ND
SVOCs (ug/kg)									
		ND	ND	ND	ND	ND	ND		ND
VOCs (ug/kg)									
2-BUTANONE	7300000	ND	ND	ND	ND	ND	5.6 J		ND
Other Compounds									
Total Solids (%)	*	69.9	91.1	77.6	83.9	77.3	77.2		66.6

Notes:

PAL = Project Action Limit

* PAL Not Available

Bold values indicate an exceedence of the PAL

J = Estimated Value

R = Rejected Value

ND = Compound(s) Not Detected

NA = Compound(s) Not Analyzed

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB101(0-0.5)	MY05SB101(10-11.3)	MY05SB102(8-10)	MY05SB103(0.3-6)	MY05SB103(4-6)	MY05SB103(6-8)	MY05SB104(0.3-6)
		4/25/2002 MY106	4/25/2002 MY106	4/30/2002 MY105	5/2/2002 MY106	5/2/2002 MY106	5/2/2002 MY106	5/7/2002 MY106
EPH (mg/kg)								
C11-C22 AROMATICS (mg/kg)	100	NA	NA	NA	NA	NA	NA	NA
C19-C36 ALIPHATICS (mg/kg)	100	NA	NA	NA	NA	NA	NA	NA
C9-C18 ALIPHATICS (mg/kg)	100	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)								
ALUMINUM	76,000	NA	NA	NA	NA	NA	NA	NA
ANTIMONY	31	NA	NA	NA	NA	NA	NA	NA
ARSENIC	22	NA	NA	NA	NA	NA	NA	NA
BARIUM	5,400	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	150	NA	NA	NA	NA	NA	NA	NA
BORON	5,500	NA	NA	NA	NA	NA	NA	NA
CADMIUM	37	NA	NA	NA	NA	NA	NA	NA
CALCIUM	*	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	210	NA	NA	NA	NA	NA	NA	NA
COBALT	4,700	NA	NA	NA	NA	NA	NA	NA
COPPER	2,900	NA	NA	NA	NA	NA	NA	NA
IRON	23,000	NA	NA	NA	NA	NA	NA	NA
LEAD	400	NA	NA	NA	NA	NA	NA	NA
MAGNESIUM	*	NA	NA	NA	NA	NA	NA	NA
MANGANESE	1,800	NA	NA	NA	NA	NA	NA	NA
MERCURY	6	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	390	NA	NA	NA	NA	NA	NA	NA
NICKEL	*	NA	NA	NA	NA	NA	NA	NA
POTASSIUM	*	NA	NA	NA	NA	NA	NA	NA
SILVER	390	NA	NA	NA	NA	NA	NA	NA
SODIUM	*	NA	NA	NA	NA	NA	NA	NA
THALLIUM	520	NA	NA	NA	NA	NA	NA	NA
VANADIUM	550	NA	NA	NA	NA	NA	NA	NA
ZINC	23,000	NA	NA	NA	NA	NA	NA	NA
PCBs (ug/kg)								
AROCLOR-1254	220	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1260	220	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/kg)								
DIELDRIN	30	NA	NA	NA	NA	NA	NA	NA
ENDRIN	18,000	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/kg)								
2-METHYLNAPHTHALENE	*	ND	ND	ND	ND	ND	NA	ND
3-NITROANILINE	*	ND	ND	ND	ND	ND	NA	ND
ANTHRACENE	2,200,000	ND	ND	ND	ND	ND	NA	ND
BENZO(A)ANTHRACENE	620	ND	ND	ND	ND	ND	NA	ND
BENZO(A)PYRENE	62	ND	ND	ND	ND	ND	NA	ND
BENZO(B)FLUORANTHENE	620	ND	ND	ND	ND	ND	NA	ND

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB101(0-0.5)	MY05SB101(10-11.3)	MY05SB102(8-10)	MY05SB103(0.3-6)	MY05SB103(4-6)	MY05SB103(6-8)	MY05SB104(0.3-6)
		Duplicates Date Collected Sample Delivery Group	4/25/2002 MY106	4/25/2002 MY106	4/30/2002 MY105	5/2/2002 MY106	5/2/2002 MY106	5/2/2002 MY106
BENZO(K)FLUORANTHENE	6,200	ND	ND	ND	ND	ND	NA	ND
BENZO(G,H,I)PERYLENE	*	ND	ND	ND	ND	ND	NA	ND
BIS(2-ETHYLHEXYL) PHTHALATE	35,000	ND	ND	ND	ND	ND	NA	ND
CARBAZOLE	24,000	ND	ND	ND	ND	ND	NA	ND
CHRYSENE	62,000	ND	ND	ND	ND	ND	NA	ND
DI-N-BUTYL PHTHALATE	*	ND	ND	ND	ND	ND	NA	ND
DIBENZO(A,H)ANTHRACENE	62	ND	ND	ND	ND	ND	NA	ND
FLUORANTHENE	2,300,000	ND	ND	ND	ND	ND	NA	ND
INDENO(1,2,3-CD)PYRENE	620	ND	ND	ND	ND	ND	NA	ND
NAPHTHALENE	56,000	ND	ND	ND	ND	ND	NA	ND
PHENANTHRENE	*	ND	ND	ND	ND	ND	NA	ND
PYRENE	2,300,000	ND	ND	ND	ND	ND	NA	ND
VOCs (ug/kg)								
1,1,1-TRICHLOROETHANE	630,000	ND	ND	ND	NA	ND	ND	NA
1,1,2,2-TETRACHLOROETHANE	380	ND	ND	ND	NA	ND	ND	NA
2-BUTANONE	7,300,000	12 R	11 R	48 J	NA	11 R	12 R	NA
2-HEXANONE	3,100,000	ND	ND	ND	NA	ND	ND	NA
4-METHYL-2-PENTANONE	790,000	ND	ND	170 J	NA	ND	ND	NA
ACETONE	1,600,000	ND	ND	120 J	NA	ND	ND	NA
BENZENE	650	ND	ND	ND	NA	ND	ND	NA
ETHYLBENZENE	230,000	ND	ND	280	NA	ND	ND	NA
M-,P-XYLENE	210,000	ND	ND	820 J	NA	ND	ND	NA
METHYLENE CHLORIDE	8,900	ND	ND	ND	NA	ND	ND	NA
O-XYLENE	210,000	ND	ND	340 J	NA	ND	ND	NA
TOLUENE	520,000	ND	ND	6	NA	ND	ND	NA
TRICHLOROETHENE	2,800	ND	ND	ND	NA	ND	ND	NA
Other Compounds								
TOTAL SOLIDS (%)	*	87	82	84	81	79	74	93

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB104(4-6)	MY05SB104(6-8)	MY05SB105(0-2.0)	MY05SB105(4-5.0)	MY05SB77(4-5.0) Dup. of MY05SB105(4-5.0)	MY05SB106(10.5-12.5)
EPH (mg/kg)							
C11-C22 AROMATICS (mg/kg)	100	NA	NA	NA	NA	NA	NA
C19-C36 ALIPHATICS (mg/kg)	100	NA	NA	NA	NA	NA	NA
C9-C18 ALIPHATICS (mg/kg)	100	NA	NA	NA	NA	NA	NA
Metals (mg/kg)							
ALUMINUM	76,000	NA	NA	NA	NA	NA	NA
ANTIMONY	31	NA	NA	NA	NA	NA	NA
ARSENIC	22	NA	NA	NA	NA	NA	NA
BARIUM	5,400	NA	NA	NA	NA	NA	NA
BERYLLIUM	150	NA	NA	NA	NA	NA	NA
BORON	5,500	NA	NA	NA	NA	NA	NA
CADMIUM	37	NA	NA	NA	NA	NA	NA
CALCIUM	*	NA	NA	NA	NA	NA	NA
CHROMIUM	210	NA	NA	NA	NA	NA	NA
COBALT	4,700	NA	NA	NA	NA	NA	NA
COPPER	2,900	NA	NA	NA	NA	NA	NA
IRON	23,000	NA	NA	NA	NA	NA	NA
LEAD	400	NA	NA	NA	NA	NA	NA
MAGNESIUM	*	NA	NA	NA	NA	NA	NA
MANGANESE	1,800	NA	NA	NA	NA	NA	NA
MERCURY	6	NA	NA	NA	NA	NA	NA
MOLYBDENUM	390	NA	NA	NA	NA	NA	NA
NICKEL	*	NA	NA	NA	NA	NA	NA
POTASSIUM	*	NA	NA	NA	NA	NA	NA
SILVER	390	NA	NA	NA	NA	NA	NA
SODIUM	*	NA	NA	NA	NA	NA	NA
THALLIUM	520	NA	NA	NA	NA	NA	NA
VANADIUM	550	NA	NA	NA	NA	NA	NA
ZINC	23,000	NA	NA	NA	NA	NA	NA
PCBs (ug/kg)							
AROCLOR-1254	220	NA	NA	NA	NA	NA	NA
AROCLOR-1260	220	NA	NA	NA	NA	NA	NA
Pesticides (ug/kg)							
DIELDRIN	30	NA	NA	NA	NA	NA	NA
ENDRIN	18,000	NA	NA	NA	NA	NA	NA
SVOCs (ug/kg)							
2-METHYLNAPHTHALENE	*	NA	ND	ND	ND	ND	ND
3-NITROANILINE	*	NA	ND	ND	ND	ND	1000 R
ANTHRACENE	2,200,000	NA	ND	ND	ND	ND	ND
BENZO(A)ANTHRACENE	620	NA	ND	ND	ND	ND	ND
BENZO(A)PYRENE	62	NA	ND	ND	ND	ND	ND
BENZO(B)FLUORANTHENE	620	NA	ND	ND	ND	ND	ND

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB104(4-6)	MY05SB104(6-8)	MY05SB105(0-2.0)	MY05SB105(4-5.0)	MY05SB77(4-5.0) Dup. of MY05SB105(4-5.0)	MY05SB106(10.5-12.5)
BENZO(K)FLUORANTHENE	6,200	NA	ND	ND	ND	ND	ND
BENZO[G,H,I]PERYLENE	*	NA	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL) PHTHALATE	35,000	NA	ND	ND	ND	ND	ND
CARBAZOLE	24,000	NA	ND	ND	ND	ND	ND
CHRYSENE	62,000	NA	ND	ND	ND	ND	ND
DI-N-BUTYL PHTHALATE	*	NA	ND	510	ND	ND	ND
DIBENZO(A,H)ANTHRACENE	62	NA	ND	ND	ND	ND	ND
FLUORANTHENE	2,300,000	NA	ND	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	620	NA	ND	ND	ND	ND	ND
NAPHTHALENE	56,000	NA	ND	ND	ND	ND	ND
PHENANTHRENE	*	NA	ND	ND	ND	ND	ND
PYRENE	2,300,000	NA	ND	ND	ND	ND	ND
VOCs (ug/kg)							
1,1,1-TRICHLOROETHANE	630,000	ND	ND	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	380	ND	ND	ND	ND	ND	ND
2-BUTANONE	7,300,000	14 R	12 R	14 R	11 R	10 R	11 R
2-HEXANONE	3,100,000	ND	ND	ND	ND	ND	ND
4-METHYL-2-PENTANONE	790,000	ND	ND	ND	ND	10 R	ND
ACETONE	1,600,000	ND	ND	ND	ND	ND	11 R
BENZENE	650	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	230,000	ND	ND	ND	ND	ND	ND
M-,P-XYLENE	210,000	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	8,900	ND	ND	ND	ND	ND	ND
O-XYLENE	210,000	ND	ND	ND	ND	ND	ND
TOLUENE	520,000	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	2,800	ND	ND	ND	ND	ND	ND
Other Compounds							
TOTAL SOLIDS (%)	*	74	77	87	87	91	79

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB106(4.5-6.5)	MY05SB36(4.5-6.5)	MY05SB36(6.5-8.5)	MY05SB37(2-4)	MY05SB37(2-6)	MY05SB37(6-7.5)	MY05SB38(2-2.9)	Duplicates
									Date Collected
Sample Delivery Group		5/20/2002 MY109	10/24/2001 MY013	10/24/2001 MY013	10/23/2001 MY011	10/23/2001 MY011	10/23/2001 MY011	10/23/2001 MY011	
EPH (mg/kg)									
C11-C22 AROMATICS (mg/kg)	100	NA	ND	NA	NA	ND	NA	ND	
C19-C36 ALIPHATICS (mg/kg)	100	NA	ND	NA	NA	ND	NA	13	
C9-C18 ALIPHATICS (mg/kg)	100	NA	ND	NA	NA	ND	NA	ND	
Metals (mg/kg)									
ALUMINUM	76,000	NA	NA	29800	NA	NA	12200	8640	
ANTIMONY	31	NA	NA	0.14 J	NA	NA	0.01 R	0.01 R	
ARSENIC	22	NA	NA	10.7	NA	NA	5.3	7.4	
BARIUM	5,400	NA	NA	104	NA	NA	42.7	42.5	
BERYLLIUM	150	NA	NA	0.81	NA	NA	0.51	0.32	
BORON	5,500	NA	NA	5.5	NA	NA	ND	ND	
CADMIUM	37	NA	NA	ND	NA	NA	0.05	0.13	
CALCIUM	*	NA	NA	5740 J	NA	NA	4210	1920	
CHROMIUM	210	NA	NA	61.2 J	NA	NA	29.1 J	21 J	
COBALT	4,700	NA	NA	16.1	NA	NA	6.8	5.6	
COPPER	2,900	NA	NA	26.6	NA	NA	27.1	13.5	
IRON	23,000	NA	NA	39100	NA	NA	13600	12300	
LEAD	400	NA	NA	13.8	NA	NA	5.4	9.4	
MAGNESIUM	*	NA	NA	11300	NA	NA	4670	3930	
MANGANESE	1,800	NA	NA	836	NA	NA	223	226	
MERCURY	6	NA	NA	ND	NA	NA	ND	ND	
MOLYBDENUM	390	NA	NA	ND	NA	NA	0.9	0.75	
NICKEL	*	NA	NA	50.2	NA	NA	17.2	16.1	
POTASSIUM	*	NA	NA	6860 J	NA	NA	2320	2090	
SILVER	390	NA	NA	ND	NA	NA	0.05	0.05	
SODIUM	*	NA	NA	352	NA	NA	295 J	149 J	
THALLIUM	520	NA	NA	ND	NA	NA	ND	ND	
VANADIUM	550	NA	NA	58.4	NA	NA	23.9	19	
ZINC	23,000	NA	NA	85.5	NA	NA	45.2	46.2	
PCBs (ug/kg)									
AROCLOR-1254	220	NA	NA	ND	NA	NA	ND	52	
AROCLOR-1260	220	NA	NA	ND	NA	NA	ND	31 J	
Pesticides (ug/kg)									
DIELDRIN	30	NA	NA	ND	NA	NA	ND	ND	
ENDRIN	18,000	NA	NA	ND	NA	NA	ND	ND	
SVOCs (ug/kg)									
2-METHYLNAPHTHALENE	*	ND	NA	ND	NA	NA	ND	ND	
3-NITROANILINE	*	950 R	NA	ND	NA	NA	ND	ND	
ANTHRACENE	2,200,000	ND	NA	ND	NA	NA	ND	ND	
BENZO(A)ANTHRACENE	620	ND	NA	ND	NA	NA	ND	ND	
BENZO(A)PYRENE	62	ND	NA	ND	NA	NA	ND	ND	
BENZO(B)FLUORANTHENE	620	ND	NA	ND	NA	NA	ND	ND	

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB106(4.5-6.5) 5/20/2002 MY109	MY05SB36(4.5-6.5) 10/24/2001 MY013	MY05SB36(6.5-8.5) 10/24/2001 MY013	MY05SB37(2-4) 10/23/2001 MY011	MY05SB37(2-6) 10/23/2001 MY011	MY05SB37(6-7.5) 10/23/2001 MY011	MY05SB38(2-2.9) 10/23/2001 MY011
BENZO(K)FLUORANTHENE	6,200	ND	NA	ND	NA	NA	ND	ND
BENZO(G,H,I)PERYLENE	*	ND	NA	ND	NA	NA	ND	ND
BIS(2-ETHYLHEXYL) PHTHALATE	35,000	ND	NA	ND	NA	NA	ND	ND
CARBAZOLE	24,000	ND	NA	ND	NA	NA	ND	ND
CHRYSENE	62,000	ND	NA	ND	NA	NA	ND	ND
DI-N-BUTYL PHTHALATE	*	ND	NA	ND	NA	NA	ND	ND
DIBENZO(A,H)ANTHRACENE	62	ND	NA	ND	NA	NA	ND	ND
FLUORANTHENE	2,300,000	ND	NA	ND	NA	NA	ND	ND
INDENO(1,2,3-CD)PYRENE	620	ND	NA	ND	NA	NA	ND	ND
NAPHTHALENE	56,000	ND	NA	ND	NA	NA	ND	ND
PHENANTHRENE	*	ND	NA	ND	NA	NA	ND	ND
PYRENE	2,300,000	ND	NA	ND	NA	NA	ND	ND
VOCs (ug/kg)								
1,1,1-TRICHLOROETHANE	630,000	ND	ND	ND	6	NA	6	ND
1,1,2,2-TETRACHLOROETHANE	380	ND	ND	ND	ND	NA	ND	ND
2-BUTANONE	7,300,000	10 R	ND	ND	ND	NA	ND	ND
2-HEXANONE	3,100,000	ND	ND	ND	ND	NA	ND	ND
4-METHYL-2-PENTANONE	790,000	ND	ND	ND	ND	NA	ND	ND
ACETONE	1,600,000	10 R	ND	ND	6 J	NA	10	6 J
BENZENE	650	ND	ND	ND	ND	NA	ND	ND
ETHYLBENZENE	230,000	ND	ND	ND	ND	NA	ND	ND
M-,P-XYLENE	210,000	ND	ND	ND	ND	NA	ND	ND
METHYLENE CHLORIDE	8,900	ND	ND	ND	ND	NA	ND	ND
O-XYLENE	210,000	ND	ND	ND	ND	NA	ND	ND
TOLUENE	520,000	ND	ND	ND	ND	NA	ND	ND
TRICHLOROETHENE	2,800	ND	ND	ND	ND	NA	ND	ND
Other Compounds								
TOTAL SOLIDS (%)	*	86	77	74	90	87	97	95

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB39(2-4) 10/25/2001 MY015	MY05SB39(4-6) 10/25/2001 MY015	MY05SB40(2-3) 10/23/2001 MY011	MY05SB41(2-2.4) 10/22/2001 MY011	MY05SS10(0-0.5) 9/25/2001 MY004	MY05SS14(0-0.5) Dup. of MY05SS10(0-0.5) 9/25/2001 MY004	MY05SS101 4/10/2002 MY101	MY05SS102 4/10/2002 MY101	Duplicates
										Date Collected
EPH (mg/kg)										
C11-C22 AROMATICS (mg/kg)	100	ND	NA	ND	ND	ND	22 J	NA	NA	
C19-C36 ALIPHATICS (mg/kg)	100	ND	NA	ND	7.1	ND	ND	NA	NA	
C9-C18 ALIPHATICS (mg/kg)	100	ND	NA	ND	ND	ND	ND	NA	NA	
Metals (mg/kg)										
ALUMINUM	76,000	NA	7700	6230	15500	21100	23300	NA	NA	
ANTIMONY	31	NA	ND	0.01 R	0.01 R	0.12 J	0.12 J	NA	NA	
ARSENIC	22	NA	7.7	4.9	8.8	12.2	14.5	NA	NA	
BARIUM	5,400	NA	44	25.5	61.3	81.6	94.4	NA	NA	
BERYLLIUM	150	NA	0.37	0.5	0.56	0.66	0.78	NA	NA	
BORON	5,500	NA	ND	ND	0.57 J	ND	3.9	NA	NA	
CADMIUM	37	NA	ND	0.04	0.07	ND	ND	NA	NA	
CALCIUM	*	NA	1320	1380	1430	2380	2540	NA	NA	
CHROMIUM	210	NA	18.8	14.1 J	30.5 J	47.3 J	49.4 J	NA	NA	
COBALT	4,700	NA	4.9	4.2	11.3	15.2	15.9	NA	NA	
COPPER	2,900	NA	13.7	9.4	17.2	24.7	27.1	NA	NA	
IRON	23,000	NA	12600	10900	21500	31700	33800	NA	NA	
LEAD	400	NA	6.1	4.8	8.2	21	24.2	NA	NA	
MAGNESIUM	*	NA	3860	2180	5160	8440	9040	NA	NA	
MANGANESE	1,800	NA	209	244	853	602	637	NA	NA	
MERCURY	6	NA	ND	ND	ND	ND	ND	NA	NA	
MOLYBDENUM	390	NA	ND	0.6	0.9	1.1	ND	NA	NA	
NICKEL	*	NA	14	10.7	28.3	38.6	42	NA	NA	
POTASSIUM	*	NA	7.9	1560	3140	3940	4520	NA	NA	
SILVER	390	NA	ND	0.04	0.01 J	ND	ND	NA	NA	
SODIUM	*	NA	ND	225 J	112 J	162 J	179 J	NA	NA	
THALLIUM	520	NA	ND	ND	0.24	ND	ND	NA	NA	
VANADIUM	550	NA	17.6	14.6	33.6	47	50.6	NA	NA	
ZINC	23,000	NA	37.6	32.1	45.3	108 J	98.2 J	NA	NA	
PCBs (ug/kg)										
AROCLOR-1254	220	NA	ND	ND	ND	ND	ND	NA	NA	
AROCLOR-1260	220	NA	ND	ND	ND	ND	ND	NA	NA	
Pesticides (ug/kg)										
DIELDRIN	30	NA	ND	ND	ND	ND	ND	NA	NA	
ENDRIN	18,000	NA	ND	ND	ND	ND	ND	NA	NA	
SVOCs (ug/kg)										
2-METHYLNAPHTHALENE	*	NA	ND	ND	ND	ND	ND	ND	ND	
3-NITROANILINE	*	NA	ND	ND	ND	980 R	980 R	ND	ND	
ANTHRACENE	2,200,000	NA	ND	ND	ND	ND	ND	1000	870	
BENZO(A)ANTHRACENE	620	NA	ND	ND	ND	ND	ND	4200	2600	
BENZO(A)PYRENE	62	NA	ND	ND	ND	ND	ND	3400	2100	
BENZO(B)FLUORANTHENE	620	NA	ND	ND	ND	ND	ND	5300	3200	

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB39(2-4) 10/25/2001 MY015	MY05SB39(4-6) 10/25/2001 MY015	MY05SB40(2-3) 10/23/2001 MY011	MY05SB41(2-2.4) 10/22/2001 MY011	MY05SS10(0-0.5) 9/25/2001 MY004	MY05SS14(0-0.5) Dup. of MY05SS10(0-0.5) 9/25/2001 MY004	MY05SS101 4/10/2002 MY101	MY05SS102 4/10/2002 MY101
BENZO(K)FLUORANTHENE	6,200	NA	ND	ND	ND	ND	ND	2400	1400
BENZO[G,H,I]PERYLENE	*	NA	ND	ND	ND	ND	ND	1800	910
BIS(2-ETHYLHEXYL) PHTHALATE	35,000	NA	ND	ND	ND	ND	ND	ND	ND
CARBAZOLE	24,000	NA	ND	ND	ND	ND	ND	380	ND
CHRYSENE	62,000	NA	ND	ND	ND	ND	ND	4600	2900
DI-N-BUTYL PHTHALATE	*	NA	ND	ND	ND	ND	ND	ND	ND
DIBENZO(A,H)ANTHRACENE	62	NA	ND	ND	ND	ND	ND	430	280 J
FLUORANTHENE	2,300,000	NA	ND	ND	ND	ND	ND	8400	4400
INDENO(1,2,3-CD)PYRENE	620	NA	ND	ND	ND	ND	ND	2300	1100
NAPHTHALENE	56,000	NA	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE	*	NA	ND	ND	ND	ND	ND	2800	910
PYRENE	2,300,000	NA	ND	ND	ND	ND	ND	8100	4800 J
VOCs (ug/kg)									
1,1,1-TRICHLOROETHANE	630,000	ND	ND	ND	ND	ND	ND	NA	NA
1,1,2,2-TETRACHLOROETHANE	380	ND	ND	ND	ND	ND	ND	NA	NA
2-BUTANONE	7,300,000	ND	ND	ND	ND	ND	ND	NA	NA
2-HEXANONE	3,100,000	ND	ND	ND	ND	ND	ND	NA	NA
4-METHYL-2-PENTANONE	790,000	ND	ND	ND	ND	ND	ND	NA	NA
ACETONE	1,600,000	ND	ND	9 J	10 J	ND	ND	NA	NA
BENZENE	650	ND	ND	ND	ND	ND	ND	NA	NA
ETHYLBENZENE	230,000	ND	ND	ND	ND	ND	ND	NA	NA
M-,P-XYLENE	210,000	ND	ND	ND	ND	ND	ND	NA	NA
METHYLENE CHLORIDE	8,900	ND	ND	ND	ND	ND	ND	NA	NA
O-XYLENE	210,000	ND	ND	ND	ND	ND	ND	NA	NA
TOLUENE	520,000	ND	ND	ND	ND	ND	ND	NA	NA
TRICHLOROETHENE	2,800	ND	ND	ND	ND	ND	ND	NA	NA
Other Compounds									
TOTAL SOLIDS (%)	*	96	94	95	89	84	83	90	91

Notes:
PAL = Project Action Limit
* PAL Not Available
Bold values indicate an exceedence of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SS103	MY05SS115	MY05SS71	MY05SS72	MY05SS73	MY05SS74	MY05TP01(0-0.5)	MY05TP01(3-3.5)	MY05TP01(9.5-10)
Duplicates Date Collected Sample Delivery Group		4/10/2002 MY101	Dup. of MY05SS103 4/10/2002 MY101	9/25/2001 MY004	9/25/2001 MY004	9/25/2001 MY004	9/25/2001 MY004	10/23/2001 MY013	10/23/2001 MY013	10/23/2001 MY013
EPH (mg/kg)										
C11-C22 AROMATICS (mg/kg)	100	NA	NA	ND	ND	ND	ND	NA	NA	25
C19-C36 ALIPHATICS (mg/kg)	100	NA	NA	ND	ND	ND	ND	NA	NA	ND
C9-C18 ALIPHATICS (mg/kg)	100	NA	NA	ND	ND	ND	ND	NA	NA	160
Metals (mg/kg)										
ALUMINUM	76,000	NA	NA	7780	7390	9850	10600	30700	30300	9500
ANTIMONY	31	NA	NA	0.02 R	0.02 R	0.03 R	0.02 R	0.11 J	0.11 J	0.01 R
ARSENIC	22	NA	NA	7.8	5.1	6.8	11.1	16.6	16.8	6
BARIUM	5,400	NA	NA	37.2	24.6	44.5	42.9	102	99.5	32.5
BERYLLIUM	150	NA	NA	0.22	0.2	0.26	0.32	0.93	0.91	0.37
BORON	5,500	NA	NA	ND	ND	ND	ND	4.5	3.8	ND
CADMIUM	37	NA	NA	ND	0.3 J	ND	0.37 J	ND	ND	ND
CALCIUM	*	NA	NA	1920	1510	1920	1610	1310 J	2330 J	1330 J
CHROMIUM	210	NA	NA	20.5 J	15.1 J	24.6 J	24 J	58 J	62.7 J	18.5 J
COBALT	4,700	NA	NA	5.9	4.5	7.7	8.1	18.3	15.6	5.7
COPPER	2,900	NA	NA	21.6	124	47.5	25.3	25.8	27.7	12.7
IRON	23,000	NA	NA	11100	12200	15000	16200	36500	41800	13600
LEAD	400	NA	NA	5.2	3.9	6.1	5.9	32	22.7	4.7
MAGNESIUM	*	NA	NA	3660	3430	5090	4760	8660	10100	3450
MANGANESE	1,800	NA	NA	196	186	258	275	698	715	234
MERCURY	6	NA	NA	ND	ND	ND	ND	0.47	0.03	ND
MOLYBDENUM	390	NA	NA	ND	ND	ND	ND	ND	ND	3.5
NICKEL	*	NA	NA	16.8	12.3	20.2	21.4	47.6	50.4	15.8
POTASSIUM	*	NA	NA	2070	1110	2420	2110	4650 J	5540 J	2240 J
SILVER	390	NA	NA	0.1	1.2	0.06	0.61	ND	ND	ND
SODIUM	*	NA	NA	122 J	99.8 J	116 J	118 J	194	195	125
THALLIUM	520	NA	NA	ND	ND	ND	ND	ND	ND	ND
VANADIUM	550	NA	NA	18.5	15.9	26.7	25.7	55.5	61.8	19.1
ZINC	23,000	NA	NA	34.7 J	43.5 J	47.9 J	44.7 J	100	80.8	36.7
PCBs (ug/kg)										
AROCLOR-1254	220	NA	NA	ND	ND	ND	ND	1400	370	270
AROCLOR-1260	220	NA	NA	ND	ND	ND	ND	ND	ND	ND
Pesticides (ug/kg)										
DIELDRIN	30	NA	NA	NA	NA	NA	NA	ND	ND	ND
ENDRIN	18,000	NA	NA	NA	NA	NA	NA	ND	ND	ND
SVOCs (ug/kg)										
2-METHYLNAPHTHALENE	*	ND	ND	ND	ND	ND	ND	ND	2600	710
3-NITROANILINE	*	ND	ND	900 R	900 R	900 R	900 R	ND	ND	ND
ANTHRACENE	2,200,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(A)ANTHRACENE	620	220 J	220 J	ND	ND	ND	ND	ND	ND	ND
BENZO(A)PYRENE	62	190 J	210 J	ND	ND	ND	ND	ND	ND	ND
BENZO(B)FLUORANTHENE	620	320 J	340 J	ND	ND	ND	ND	ND	ND	ND

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SS103 4/10/2002 MY101	MY05SS115 Dup. of MY05SS103 4/10/2002 MY101	MY05SS71 9/25/2001 MY004	MY05SS72 9/25/2001 MY004	MY05SS73 9/25/2001 MY004	MY05SS74 9/25/2001 MY004	MY05TP01(0-0.5) 10/23/2001 MY013	MY05TP01(3-3.5) 10/23/2001 MY013	MY05TP01(9.5-10) 10/23/2001 MY013	Duplicates
											Date Collected
											Sample Delivery Group
BENZO(K)FLUORANTHENE	6,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO[G,H,I]PERYLENE	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL) PHTHALATE	35,000	190 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
CARBAZOLE	24,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHRYSENE	62,000	250 J	260 J	ND	ND	ND	ND	ND	ND	ND	ND
DI-N-BUTYL PHTHALATE	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBENZO(A,H)ANTHRACENE	62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE	2,300,000	350 J	410	ND	ND	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	620	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	56,000	ND	ND	ND	ND	ND	ND	ND	1200	ND	ND
PHENANTHRENE	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PYRENE	2,300,000	380	500	ND	ND	ND	ND	ND	ND	ND	ND
VOCs (ug/kg)											
1,1,1-TRICHLOROETHANE	630,000	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	380	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	7,300,000	NA	NA	ND	ND	ND	ND	ND	ND	93 J	22 J
2-HEXANONE	3,100,000	NA	NA	ND	ND	ND	ND	ND	ND	41 J	ND
4-METHYL-2-PENTANONE	790,000	NA	NA	ND	ND	ND	ND	ND	ND	2900	ND
ACETONE	1,600,000	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
BENZENE	650	NA	NA	ND	ND	ND	ND	ND	ND	16 J	ND
ETHYLBENZENE	230,000	NA	NA	ND	ND	ND	ND	ND	ND	22000	61000 J
M-,P-XYLENE	210,000	NA	NA	ND	ND	ND	ND	ND	ND	74000	200000 J
METHYLENE CHLORIDE	8,900	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
O-XYLENE	210,000	NA	NA	ND	ND	ND	ND	ND	ND	25000	79000 J
TOLUENE	520,000	NA	NA	ND	ND	ND	ND	ND	ND	490 J	220 J
TRICHLOROETHENE	2,800	NA	NA	ND	ND	3 J	4 J	ND	ND	4 J	ND
Other Compounds											
TOTAL SOLIDS (%)	*	90	90	93	94	92	94	79	79		83

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05TP02(0-0.5)	MY05TP02(4-4.5)	MY05TP22(4-4.5) Dup. of MY05TP02(4-4.5)	MY05TP03(0-0.5)	MY05TP03(0.5-7.0)	MY05TP03(4.5-5.0)	MY05TP03(7.0-7.5)	Duplicates
									Date Collected
		10/24/2001 MY013	10/24/2001 MY013	10/24/2001 MY013	10/23/2001 MY013	10/23/2001 MY013	10/23/2001 MY013	10/23/2001 MY013	Sample Delivery Group
EPH (mg/kg)									
C11-C22 AROMATICS (mg/kg)	100	NA	ND	ND	NA	NA	NA	ND	
C19-C36 ALIPHATICS (mg/kg)	100	NA	ND	ND	NA	NA	NA	ND	
C9-C18 ALIPHATICS (mg/kg)	100	NA	6.6	ND	NA	NA	NA	11	
Metals (mg/kg)									
ALUMINUM	76,000	2670	13100	12600	24300	26200	NA	16300	
ANTIMONY	31	0.05 J	0.01 R	0.01 R	ND	0.03 J	NA	0.01 R	
ARSENIC	22	2.1	6.5	7.4	11.9	11.4	NA	4.9	
BARIUM	5,400	17	47.3	50.3	77.3	87.5	NA	45.5	
BERYLLIUM	150	0.14	0.58	0.59	0.72	0.86	NA	0.49	
BORON	5,500	3.9	ND	ND	ND	2.3	NA	ND	
CADMIUM	37	ND	ND	ND	ND	ND	NA	ND	
CALCIUM	*	474 J	685 J	645 J	1610 J	1550 J	NA	1180 J	
CHROMIUM	210	17.5 J	22.9 J	26.2 J	45.2 J	50.4 J	NA	19.4 J	
COBALT	4,700	1.8	6.5	7.8	12.6	13.3	NA	6.5	
COPPER	2,900	93.6	28.5	39.5	22.1	23.8	NA	15.6	
IRON	23,000	9040	16100	18700	29100	32300	NA	15400	
LEAD	400	397	14.1 J	24.1 J	14.8	9.9	NA	4.6	
MAGNESIUM	*	645	3840	4420	7440	8050	NA	3720	
MANGANESE	1,800	76.5	264	324	744	910	NA	281	
MERCURY	6	0.02 J	ND	ND	0.02 J	0.01 J	NA	ND	
MOLYBDENUM	390	1.2	ND	ND	ND	ND	NA	ND	
NICKEL	*	21.7	17.2	20	35.6	37.8	NA	15.6	
POTASSIUM	*	341 J	2310 J	2430 J	3700 J	4270 J	NA	2560 J	
SILVER	390	ND	ND	ND	ND	ND	NA	ND	
SODIUM	*	93.2	92	90.7	198	194	NA	113	
THALLIUM	520	ND	ND	ND	ND	ND	NA	ND	
VANADIUM	550	5.1	25.8	27.5	44.3	50.4	NA	23.4	
ZINC	23,000	25.8	36.4	42.1	82.5	61.1	NA	37.8	
PCBs (ug/kg)									
AROCLOR-1254	220	ND	ND	ND	ND	ND	NA	ND	
AROCLOR-1260	220	440 J	ND	ND	ND	ND	NA	ND	
Pesticides (ug/kg)									
DIELDRIN	30	12 J	ND	ND	ND	ND	NA	ND	
ENDRIN	18,000	9.6 J	ND	ND	ND	ND	NA	ND	
SVOCs (ug/kg)									
2-METHYLNAPHTHALENE	*	ND	ND	ND	ND	ND	NA	ND	
3-NITROANILINE	*	ND	ND	ND	ND	ND	NA	ND	
ANTHRACENE	2,200,000	630	ND	ND	ND	ND	NA	ND	
BENZO(A)ANTHRACENE	620	2700	ND	ND	ND	ND	NA	ND	
BENZO(A)PYRENE	62	2100	ND	ND	ND	ND	NA	ND	
BENZO(B)FLUORANTHENE	620	3900	180 J	ND	ND	ND	NA	ND	

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05TP02(0-0.5)	MY05TP02(4-4.5)	MY05TP22(4-4.5)	MY05TP03(0-0.5)	MY05TP03(0.5-7.0)	MY05TP03(4.5-5.0)	MY05TP03(7.0-7.5)
		Duplicates Date Collected Sample Delivery Group	10/24/2001 MY013	10/24/2001 MY013	Dup. of MY05TP02(4-4.5) 10/24/2001 MY013	10/23/2001 MY013	10/23/2001 MY013	10/23/2001 MY013
BENZO(K)FLUORANTHENE	6,200	1000	ND	ND	ND	ND	NA	ND
BENZO[G,H,I]PERYLENE	*	1200	ND	ND	ND	ND	NA	ND
BIS(2-ETHYLHEXYL) PHTHALATE	35,000	ND	ND	ND	ND	ND	NA	ND
CARBAZOLE	24,000	ND	ND	ND	ND	ND	NA	ND
CHRYSENE	62,000	2700	ND	ND	ND	ND	NA	ND
DI-N-BUTYL PHTHALATE	*	ND	ND	ND	ND	ND	NA	ND
DIBENZO(A,H)ANTHRACENE	62	250 J	ND	ND	ND	ND	NA	ND
FLUORANTHENE	2,300,000	5100	250 J	ND	ND	ND	NA	ND
INDENO(1,2,3-CD)PYRENE	620	1600	ND	ND	ND	ND	NA	ND
NAPHTHALENE	56,000	ND	ND	ND	ND	ND	NA	ND
PHENANTHRENE	*	1000	ND	ND	ND	ND	NA	ND
PYRENE	2,300,000	5400	220 J	ND	ND	ND	NA	ND
VOCs (ug/kg)								
1,1,1-TRICHLOROETHANE	630,000	ND	ND	ND	ND	NA	ND	ND
1,1,2,2-TETRACHLOROETHANE	380	ND	ND	ND	ND	NA	ND	ND
2-BUTANONE	7,300,000	ND	ND	ND	ND	NA	ND	ND
2-HEXANONE	3,100,000	ND	ND	ND	ND	NA	ND	ND
4-METHYL-2-PENTANONE	790,000	ND	ND	ND	ND	NA	ND	ND
ACETONE	1,600,000	ND	ND	ND	ND	NA	ND	ND
BENZENE	650	ND	ND	ND	ND	NA	ND	ND
ETHYLBENZENE	230,000	ND	ND	ND	ND	NA	ND	ND
M-,P-XYLENE	210,000	ND	ND	ND	ND	NA	ND	ND
METHYLENE CHLORIDE	8,900	ND	ND	ND	ND	NA	ND	ND
O-XYLENE	210,000	ND	ND	ND	ND	NA	ND	ND
TOLUENE	520,000	ND	ND	ND	ND	NA	ND	ND
TRICHLOROETHENE	2,800	ND	ND	ND	ND	NA	ND	ND
Other Compounds								
TOTAL SOLIDS (%)	*	97	93	92	86	84	84	88

Notes:
PAL = Project Action Limit
* PAL Not Available
Bold values indicate an exceedence of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05TP10(9.5-10) 11/27/2001 MY020	MY05TP12(6-7) 11/27/2001 MY020	MY05TP23(6-7) Dup. of MY05TP12(6-7) 11/27/2001 MY020	MY05TP13(7-8.3) 11/27/2001 MY020	MY05TP24(7-8.3) Dup. of MY05TP13(7-8.3) 11/27/2001 MY020	MY05TP15(4-6) 11/27/2001 MY020	MY05TP25(4-6) Dup. of MY05TP15(4-6) 11/27/2001 MY020	Duplicates	Sample Delivery Group
									Date Collected	
EPH (mg/kg)										
C11-C22 AROMATICS (mg/kg)	100	ND	ND	ND	ND	ND	ND	35		21
C19-C36 ALIPHATICS (mg/kg)	100	ND	ND	ND	ND	ND	ND	ND		ND
C9-C18 ALIPHATICS (mg/kg)	100	ND	ND	ND	ND	ND	ND	170		110
Metals (mg/kg)										
ALUMINUM	76,000	NA	NA	NA	NA	NA	NA	NA		NA
ANTIMONY	31	NA	NA	NA	NA	NA	NA	NA		NA
ARSENIC	22	NA	NA	NA	NA	NA	NA	NA		NA
BARIUM	5,400	NA	NA	NA	NA	NA	NA	NA		NA
BERYLLIUM	150	NA	NA	NA	NA	NA	NA	NA		NA
BORON	5,500	NA	NA	NA	NA	NA	NA	NA		NA
CADMIUM	37	NA	NA	NA	NA	NA	NA	NA		NA
CALCIUM	*	NA	NA	NA	NA	NA	NA	NA		NA
CHROMIUM	210	NA	NA	NA	NA	NA	NA	NA		NA
COBALT	4,700	NA	NA	NA	NA	NA	NA	NA		NA
COPPER	2,900	NA	NA	NA	NA	NA	NA	NA		NA
IRON	23,000	NA	NA	NA	NA	NA	NA	NA		NA
LEAD	400	NA	NA	NA	NA	NA	NA	NA		NA
MAGNESIUM	*	NA	NA	NA	NA	NA	NA	NA		NA
MANGANESE	1,800	NA	NA	NA	NA	NA	NA	NA		NA
MERCURY	6	NA	NA	NA	NA	NA	NA	NA		NA
MOLYBDENUM	390	NA	NA	NA	NA	NA	NA	NA		NA
NICKEL	*	NA	NA	NA	NA	NA	NA	NA		NA
POTASSIUM	*	NA	NA	NA	NA	NA	NA	NA		NA
SILVER	390	NA	NA	NA	NA	NA	NA	NA		NA
SODIUM	*	NA	NA	NA	NA	NA	NA	NA		NA
THALLIUM	520	NA	NA	NA	NA	NA	NA	NA		NA
VANADIUM	550	NA	NA	NA	NA	NA	NA	NA		NA
ZINC	23,000	NA	NA	NA	NA	NA	NA	NA		NA
PCBs (ug/kg)										
AROCLOR-1254	220	NA	NA	NA	NA	NA	NA	NA		NA
AROCLOR-1260	220	NA	NA	NA	NA	NA	NA	NA		NA
Pesticides (ug/kg)										
DIELDRIN	30	NA	NA	NA	NA	NA	NA	NA		NA
ENDRIN	18,000	NA	NA	NA	NA	NA	NA	NA		NA
SVOCs (ug/kg)										
2-METHYLNAPHTHALENE	*	ND	ND	ND	ND	ND	ND	5300 J		320 J
3-NITROANILINE	*	ND	ND	ND	ND	ND	ND	ND		ND
ANTHRACENE	2,200,000	ND	ND	ND	ND	ND	ND	ND		ND
BENZO(A)ANTHRACENE	620	ND	ND	ND	ND	ND	ND	ND		ND
BENZO(A)PYRENE	62	ND	ND	ND	ND	ND	ND	ND		ND
BENZO(B)FLUORANTHENE	620	ND	ND	ND	ND	ND	ND	ND		ND

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	Duplicates	MY05TP10(9.5-10)	MY05TP12(6-7)	MY05TP23(6-7)	MY05TP13(7-8.3)	MY05TP24(7-8.3)	MY05TP15(4-6)	MY05TP25(4-6)
		Date Collected	11/27/2001	11/27/2001	Dup. of MY05TP12(6-7)	11/27/2001	Dup. of MY05TP13(7-8.3)	11/27/2001	Dup. of MY05TP15(4-6)
Sample Delivery Group		MY020	MY020	MY020	MY020	MY020	MY020	MY020	MY020
BENZO(K)FLUORANTHENE	6,200	ND	ND	ND	ND	ND	ND	ND	ND
BENZO[G,H,I]PERYLENE	*	ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL) PHTHALATE	35,000	ND	ND	ND	ND	ND	ND	ND	ND
CARBAZOLE	24,000	ND	ND	ND	ND	ND	ND	ND	ND
CHRYSENE	62,000	ND	ND	ND	ND	ND	ND	ND	ND
DI-N-BUTYL PHTHALATE	*	ND	ND	ND	ND	ND	ND	ND	ND
DIBENZO(A,H)ANTHRACENE	62	ND	ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE	2,300,000	ND	ND	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	620	ND	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	56,000	ND	ND	ND	ND	ND	2300 J	ND	ND
PHENANTHRENE	*	ND	ND	ND	ND	ND	ND	ND	ND
PYRENE	2,300,000	ND	ND	ND	ND	ND	ND	ND	ND
VOCs (ug/kg)									
1,1,1-TRICHLOROETHANE	630,000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	380	ND	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	7,300,000	ND	17 J	ND	ND	ND	ND	ND	24 J
2-HEXANONE	3,100,000	ND	ND	ND	ND	ND	ND	ND	ND
4-METHYL-2-PENTANONE	790,000	ND	ND	ND	ND	ND	ND	ND	370
ACETONE	1,600,000	32 J	72 J	20 J	15 J	7 J	67 J	140 J	140 J
BENZENE	650	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	230,000	93	1800 J	ND	ND	ND	1500 J	750 J	750 J
M-,P-XYLENE	210,000	240	3200 J	4 J	ND	ND	7200 J	3800 J	3800 J
METHYLENE CHLORIDE	8,900	ND	ND	ND	ND	ND	ND	ND	ND
O-XYLENE	210,000	92	920 J	ND	ND	ND	2900 J	1500 J	1500 J
TOLUENE	520,000	ND	9 J	ND	ND	ND	14 J	23 J	23 J
TRICHLOROETHENE	2,800	ND	ND	ND	ND	ND	ND	ND	ND
Other Compounds									
TOTAL SOLIDS (%)	*	82	81	83	82	80	83	82	82

Notes:
PAL = Project Action Limit
* PAL Not Available
Bold values indicate an exceedence of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05TP16(8-8.5) 11/27/2001 MY020	MY05TP26(8-8.5) Dup. of MY05TP16(8-8.5) 11/27/2001 MY020	MY05TP19(12-13.3) 11/26/2001 MY020
EPH (mg/kg)				
C11-C22 AROMATICS (mg/kg)	100	ND	ND	ND
C19-C36 ALIPHATICS (mg/kg)	100	ND	ND	ND
C9-C18 ALIPHATICS (mg/kg)	100	ND	ND	ND
Metals (mg/kg)				
ALUMINUM	76,000	NA	NA	NA
ANTIMONY	31	NA	NA	NA
ARSENIC	22	NA	NA	NA
BARIUM	5,400	NA	NA	NA
BERYLLIUM	150	NA	NA	NA
BORON	5,500	NA	NA	NA
CADMIUM	37	NA	NA	NA
CALCIUM	*	NA	NA	NA
CHROMIUM	210	NA	NA	NA
COBALT	4,700	NA	NA	NA
COPPER	2,900	NA	NA	NA
IRON	23,000	NA	NA	NA
LEAD	400	NA	NA	NA
MAGNESIUM	*	NA	NA	NA
MANGANESE	1,800	NA	NA	NA
MERCURY	6	NA	NA	NA
MOLYBDENUM	390	NA	NA	NA
NICKEL	*	NA	NA	NA
POTASSIUM	*	NA	NA	NA
SILVER	390	NA	NA	NA
SODIUM	*	NA	NA	NA
THALLIUM	520	NA	NA	NA
VANADIUM	550	NA	NA	NA
ZINC	23,000	NA	NA	NA
PCBs (ug/kg)				
AROCLOR-1254	220	NA	NA	NA
AROCLOR-1260	220	NA	NA	NA
Pesticides (ug/kg)				
DIELDRIN	30	NA	NA	NA
ENDRIN	18,000	NA	NA	NA
SVOCs (ug/kg)				
2-METHYLNAPHTHALENE	*	ND	ND	ND
3-NITROANILINE	*	ND	ND	ND
ANTHRACENE	2,200,000	ND	ND	ND
BENZO(A)ANTHRACENE	620	ND	ND	ND
BENZO(A)PYRENE	62	ND	ND	ND
BENZO(B)FLUORANTHENE	620	ND	ND	ND

Table 4-14A
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05TP16(8-8.5) 11/27/2001 MY020	MY05TP26(8-8.5) Dup. of MY05TP16(8-8.5) 11/27/2001 MY020	MY05TP19(12-13.3) 11/26/2001 MY020	
					Duplicates
					Date Collected Sample Delivery Group
BENZO(K)FLUORANTHENE	6,200	ND	ND	ND	
BENZO[G,H,I]PERYLENE	*	ND	ND	ND	
BIS(2-ETHYLHEXYL) PHTHALATE	35,000	ND	ND	ND	
CARBAZOLE	24,000	ND	ND	ND	
CHRYSENE	62,000	ND	ND	ND	
DI-N-BUTYL PHTHALATE	*	ND	ND	ND	
DIBENZO(A,H)ANTHRACENE	62	ND	ND	ND	
FLUORANTHENE	2,300,000	ND	ND	ND	
INDENO(1,2,3-CD)PYRENE	620	ND	ND	ND	
NAPHTHALENE	56,000	ND	ND	ND	
PHENANTHRENE	*	ND	ND	ND	
PYRENE	2,300,000	ND	ND	ND	
VOCs (ug/kg)					
1,1,1-TRICHLOROETHANE	630,000	ND	ND	ND	
1,1,2,2-TETRACHLOROETHANE	380	ND	ND	ND	
2-BUTANONE	7,300,000	ND	ND	ND	
2-HEXANONE	3,100,000	ND	ND	ND	
4-METHYL-2-PENTANONE	790,000	ND	ND	ND	
ACETONE	1,600,000	8 J	20 J	ND	
BENZENE	650	ND	ND	ND	
ETHYLBENZENE	230,000	ND	ND	ND	
M-,P-XYLENE	210,000	ND	ND	ND	
METHYLENE CHLORIDE	8,900	ND	ND	ND	
O-XYLENE	210,000	ND	ND	ND	
TOLUENE	520,000	ND	ND	ND	
TRICHLOROETHENE	2,800	ND	ND	ND	
Other Compounds					
TOTAL SOLIDS (%)	*	82	81	82	

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-14B
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results (Geoprobes)
Detected Compounds

Analyte	PAL	MY05GP101(2-4)	MY05GP102(0-2)	MY05GP103(8-11.3)	MY05GP115(8-11.3)	MY05GP104(6-8)	MY05GP105(0-3)	MY05GP116(0-3)	MY05GP106(0-2)
		Duplicates Date Collected Sample Delivery Group	8/26/2002 MY117	8/26/2002 MY117	8/26/2002 MY117	Dup. of MY05GP103(8-11.3) 8/26/2002 MY117	8/26/2002 MY117	8/26/2002 MY117	Dup. of MY05GP105(0-3) 8/26/2002 MY117
VOCs (ug/kg)									
1,1,1-TRICHLOROETHANE	630,000	ND	ND	10	ND	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	380	ND	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	7,300,000	11 R	26 J	12 R	10 R	10 R	11 R	10 R	10 R
2-HEXANONE	3,100,000	ND	ND	ND	ND	ND	ND	ND	ND
4-METHYL-2-PENTANONE	790,000	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	1,600,000	11 R	630 J	12 R	10 R	10 R	11 R	10 R	10 R
BENZENE	650	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	230,000	ND	ND	ND	ND	ND	ND	ND	ND
M-,P-XYLENE	210,000	ND	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	8,900	ND	ND	ND	ND	ND	ND	ND	ND
O-XYLENE	210,000	ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	520,000	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	2,800	ND	ND	ND	ND	ND	ND	ND	ND
Other Compounds									
TOTAL SOLIDS (%)	*	94	94	85	NA	90	92	NA	92

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-14B
Study Area 5 - Warehouse 2/3 Area Soil Analytical Results (Geoprobes)
Detected Compounds

Analyte	PAL	MY05GP107(0-2.8)	MY05GP108(0-2)	MY05GP109(2-4)	MY05GP110(0-2)	MY05GP111(8-10)	MY05GP112(8-8.6)	MY05GP113(4-6)	MY05GP114(8-12)
		Duplicates Date Collected Sample Delivery Group	8/26/2002 MY117	8/26/2002 MY117	8/26/2002 MY117	8/27/2002 MY117	8/27/2002 MY117	8/27/2002 MY117	8/27/2002 MY117
VOCs (ug/kg)									
1,1,1-TRICHLOROETHANE	630,000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	380	ND	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	7,300,000	18 R	10 R	11 R	10 R	11 R	22 R	11 R	12 R
2-HEXANONE	3,100,000	ND	ND	ND	ND	ND	ND	ND	ND
4-METHYL-2-PENTANONE	790,000	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	1,600,000	18 R	10 R	11 R	10 R	11 R	22 R	11 R	12 R
BENZENE	650	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	230,000	ND	ND	ND	ND	ND	ND	ND	ND
M-P-XYLENE	210,000	ND	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	8,900	ND	ND	ND	ND	ND	ND	ND	ND
O-XYLENE	210,000	ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	520,000	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	2,800	ND	ND	ND	ND	ND	ND	ND	ND
Other Compounds									
TOTAL SOLIDS (%)	*	96	96	97	97	79	88	94	92

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-15
Study Area 5 - Warehouse 2/3 Area Groundwater Analytical Results
Detected Compounds

Analyte	PAL	MY05GW106 MW-404	MY05GW106-1C MW-404	MY05GW107 MW-405	MY05GW107-1C MW-405	MY05GW108 MW-406A	MY05GW108-1C MW-406A	MY05GW109 MW-406B	MY05GW109-1C MW-406B
Well Number Duplicates Date Collected Sample Delivery Group		6/18/2002 MY111	10/2/2002 MY122	6/18/2002 MY111	10/2/2002 MY123	6/18/2002 MY111	10/3/2002 MY123	6/18/2002 MY111	10/3/2002 MY122
EPH (ug/l)		NA	NA	NA	NA	NA	NA	NA	NA
Metals (ug/l)		NA	NA	NA	NA	NA	NA	NA	NA
ALUMINUM	1430	ND	31.2	3850	ND	959	ND	2110	92.8
ARSENIC	10	16.6	23.3	ND	ND	ND	ND	3 J	2.1 J
BARIUM	2000	12.4	19.5	55.5	48	37.8	21.1	31.2	21.8
BERYLLIUM	73	ND	ND	0.45 J	ND	ND	0.46 J	ND	ND
BORON	630	14.3	21.8 J	10.4	13.1	54.4	46.1	54.9	46.6 J
CADMIUM	3.5	ND	0.31	ND	0.56	ND	0.06 J	ND	0.13
CALCIUM	*	21000	22300	20000	21800	17900	21000	41500	37300
CHROMIUM	40	ND	7.6	10.2	ND	ND	ND	5.4	ND
COBALT	2200	ND	ND	14.6	14.8	ND	ND	ND	ND
COPPER	1300	ND	ND	296	91.8	ND	ND	ND	1.1 J
IRON	11000	32300	43500	4640	ND	783	119	2430	153
LEAD	10	ND	ND	3.1	ND	ND	ND	4.1	ND
MAGNESIUM	*	12500	11800	14400	16000	6100	10300	16800	19400
MANGANESE	500	5250	5700	1080	1090	404	292	653	395
MERCURY	2	ND	ND	0.05	ND	0.01 J	ND	0.02 J	ND
MOLYBDENUM	35	ND	19.3	3170	467	ND	15.4	ND	1.8 J
NICKEL	140	ND	12.3 J	139	76.5	ND	ND	ND	ND
POTASSIUM	*	1370	1800	5640	4550	6720	5010	4960	4290
SELENIUM	35	ND	ND	ND	4.4 J	ND	ND	ND	ND
SILVER	35	ND	ND	49.9	4.5	0.12	ND	ND	ND
SODIUM	20000	15100	15400	20300	18200	33800	43800	18200	18000
THALLIUM	2.4	ND	ND	ND	ND	ND	ND	ND	ND
VANADIUM	260	ND	ND	10.4	ND	ND	ND	ND	ND
ZINC	2000	13.4	16.3	16.1	ND	3	4.1	10.6	2.2 J
PCBs (ug/l)		NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)		NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)		NA	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE	14	9 J	NA	ND	NA	ND	NA	ND	NA
VOCs (ug/l)									
1,1,1-TRICHLOROETHANE	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-TRICHLOROETHANE	6	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	70	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	0.6	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	4	ND	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	1440	ND	5 R	ND	ND	ND	5 R	ND	5 R
ACETONE	700	ND	5 R	3 J	5 J	5	5 R	ND	5 R
BENZENE	12	0.6 J	1 J	0.6 J	ND	ND	ND	ND	ND
BROMODICHLOROMETHANE	6	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROFORM	57	ND	ND	ND	ND	8	3	2	ND
CHLOROMETHANE	3	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	70	120	160	1	ND	ND	ND	ND	ND
M-,P-XYLENE	14000	340	220	1	ND	ND	ND	ND	ND
O-XYLENE	14000	170	130	0.8 J	ND	ND	ND	ND	0.1 J
TOLUENE	1400	2	1B	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	32	ND	ND	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE	0.2	ND	ND	ND	0.26	ND	0.51	ND	ND

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-15
Study Area 5 - Warehouse 2/3 Area Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Date Collected Sample Delivery Group	PAL	MY05GW152-1C MW-406B Dup. of MY05GW109-1C)	MY05GW110 MW-407A 6/17/2002 MY111	MY05GW110-1C MW-407A 10/2/2002 MY122	MY05GW111 MW-407B 6/18/2002 MY111	MY05GW111-1C MW-407B 10/2/2002 MY122	MY05GW112 MW-408 6/17/2002 MY111	MY05GW120(dup) MW-408 Dup. of MY05GW112 6/17/2002 MY111
EPH (ug/l)									
			NA	NA	NA	NA	NA	NA	NA
Metals (ug/l)									
ALUMINUM	1430		111	ND	30.8	1520	83.4	ND	ND
ARSENIC	10		2.7 J	2.5 J	ND	ND	ND	ND	ND
BARIUM	2000		22.1	62.7	58.2	51	42.2	37	38.3
BERYLLIUM	73		ND	0.34 J	ND	ND	ND	ND	0.32 J
BORON	630		50.7 J	22.8	19.8 J	59.4	79.8 J	19.7	20.5
CADMIUM	3.5		ND	ND	ND	ND	ND	1.3	1.3
CALCIUM	*		36000	27800	24900	20500	26500	35400	34700
CHROMIUM	40		ND	ND	ND	ND	ND	ND	ND
COBALT	2200		ND	ND	ND	ND	ND	ND	4 J
COPPER	1300		1.6 J	ND	ND	16.5	ND	9.5	12.1
IRON	11000		168	3580	2980	1760	79.8	ND	ND
LEAD	10		ND	ND	ND	6.6	ND	ND	ND
MAGNESIUM	*		19100	11600	9910	8420	9840	7800	7660
MANGANESE	500		367	304	280	388	29.6	954	1050
MERCURY	2		ND	ND	ND	0.04	ND	ND	ND
MOLYBDENUM	35		1.8 J	ND	2.6	43.9	10.8	ND	ND
NICKEL	140		ND	ND	12.5 J	ND	ND	ND	ND
POTASSIUM	*		4520	4470	4130	5140	5890	3600	4040
SELENIUM	35		ND	ND	ND	ND	ND	ND	ND
SILVER	35		ND	ND	ND	ND	ND	ND	ND
SODIUM	20000		18100	12900	11500	17000	19800	48600	48600
THALLIUM	2.4		ND	ND	ND	ND	ND	ND	ND
VANADIUM	260		ND	ND	ND	ND	ND	ND	ND
ZINC	2000		1.6 J	3.9	3.2	18.4	ND	478	490
PCBs (ug/l)									
			NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)									
			NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)									
NAPHTHALENE	14		NA	ND	NA	ND	NA	ND	ND
VOCs (ug/l)									
1,1,1-TRICHLOROETHANE	200		ND	ND	ND	ND	ND	670 J	400 J
1,1,2-TRICHLOROETHANE	6		ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	70		ND	ND	4	ND	ND	42	31
1,1-DICHLOROETHENE	0.6		ND	ND	1	ND	ND	22 J	10 J
1,2-DICHLOROETHANE	4		ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	1440		5 R	ND	5 R	ND	5 R	ND	ND
ACETONE	700		5 R	ND	5 R	4 J	5 R	ND	ND
BENZENE	12		ND	ND	ND	ND	ND	1 R	1 R
BROMODICHLOROMETHANE	6		ND	ND	ND	ND	ND	ND	ND
CHLOROFORM	57		ND	ND	ND	ND	ND	ND	ND
CHLOROMETHANE	3		4	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	70		ND	ND	ND	ND	ND	ND	ND
M-,P-XYLENE	14000		ND	ND	ND	ND	ND	ND	ND
O-XYLENE	14000		0.2 J	ND	ND	ND	ND	ND	ND
TOLUENE	1400		ND	ND	ND	ND	ND	1 R	1 R
TRICHLOROETHENE	32		ND	ND	ND	ND	ND	1 R	1 R
VINYL CHLORIDE	0.2		ND	ND	ND	ND	ND	0.3 J	0.3 J

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-15
Study Area 5 - Warehouse 2/3 Area Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Date Collected Sample Delivery Group	PAL	MY05GW112-1C MW-408 10/2/2002 MY123	MY05GW113 MW-409A 6/17/2002 MY111	MY05GW113-1C MW-409A 10/2/2002 MY122	MY05GW114 MW-409B 6/17/2002 MY111	MY05GW114-1C MW-409B 10/2/2002 MY122	MY05GW120 MW-420 10/1/2002 MY122	MY05GW121 MW-421 10/1/2002 MY122
EPH (ug/l)									
			NA	NA	NA	NA	NA	NA	NA
Metals (ug/l)									
ALUMINUM	1430		ND	ND	42.9	412	61.8	186	ND
ARSENIC	10		ND	ND	ND	ND	ND	ND	6.7
BARIUM	2000		38.4	33.2	33.7	35.1	22.6	35.6	82.7
BERYLLIUM	73		ND	ND	ND	ND	ND	ND	ND
BORON	630		23	30.9	37.8 J	85.6	87.5 J	18 J	58.5 J
CADMIUM	3.5		1.5	ND	ND	ND	ND	0.19	0.09 J
CALCIUM	*		35700	18200	21000	25200	29100	33800	38600
CHROMIUM	40		ND	ND	ND	ND	ND	ND	ND
COBALT	2200		ND	ND	ND	ND	ND	ND	ND
COPPER	1300		11.9	ND	ND	ND	ND	2.5	ND
IRON	11000		ND	93.1	152	508	ND	80.8	3480
LEAD	10		ND	ND	ND	ND	ND	ND	ND
MAGNESIUM	*		8940	7890	9380	11700	13700	8300	15200
MANGANESE	500		1180	258	310	407	49.6	91.2	465
MERCURY	2		ND	ND	ND	ND	ND	ND	ND
MOLYBDENUM	35		ND	ND	2.4	ND	2.4	2.1	1.1 J
NICKEL	140		20.5 J	ND	17 J	ND	ND	15.2 J	ND
POTASSIUM	*		4580	2670	2880	3630	4850	4990	7970
SELENIUM	35		ND	ND	ND	ND	ND	ND	ND
SILVER	35		ND	ND	ND	ND	ND	0.06	ND
SODIUM	20000		39900	17200	17700	15300	15300	21600	26500
THALLIUM	2.4		0.41	ND	ND	ND	ND	ND	ND
VANADIUM	260		ND	ND	ND	ND	6.4 J	5.4 J	ND
ZINC	2000		491	3.3	4.9	10	6.3	39.2	1.8 J
PCBs (ug/l)									
			NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)									
			NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)									
NAPHTHALENE	14		NA	ND	NA	ND	NA	NA	NA
VOCs (ug/l)									
1,1,1-TRICHLOROETHANE	200		400	210	110	ND	ND	ND	ND
1,1,2-TRICHLOROETHANE	6		ND	ND	0.4 J	ND	ND	ND	ND
1,1-DICHLOROETHANE	70		18	240	160	ND	ND	ND	7
1,1-DICHLOROETHENE	0.6		24	150	190	ND	ND	ND	4
1,2-DICHLOROETHANE	4		ND	ND	2	ND	ND	ND	ND
2-BUTANONE	1440		ND	ND	ND	ND	5 R	5 R	ND
ACETONE	700		5 R	ND	5 R	ND	5 R	5 R	ND
BENZENE	12		ND	ND	ND	ND	ND	ND	ND
BROMODICHLOROMETHANE	6		ND	ND	ND	ND	ND	ND	ND
CHLOROFORM	57		1	ND	0.7 J	ND	ND	6 J	ND
CHLOROMETHANE	3		ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	70		ND	ND	ND	ND	ND	ND	ND
M-,P-XYLENE	14000		ND	ND	ND	ND	ND	ND	ND
O-XYLENE	14000		ND	ND	ND	ND	ND	ND	ND
TOLUENE	1400		ND	ND	0.6 J	ND	ND	ND	ND
TRICHLOROETHENE	32		ND	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE	0.2		ND	2 J	2	ND	ND	ND	ND

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-15
Study Area 5 - Warehouse 2/3 Area Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Date Collected Sample Delivery Group	PAL	MY05GW151 MW-421 Dup. of MY05GW121 10/1/2002 MY122	MY05GW122 MW-422A 10/1/2002 MY122	MY05GW123 MW-422B 10/1/2002 MY122	MY05GW124 MW-423A 10/3/2002 MY122	MY05GW129 MW-423B 10/3/2002 MY123	MY05GW201 MW-129 9/29/2003	MY05GW13 MW-311 11/12/2001 MY017	MY05GW13-1C MW-311 9/30/2002 MY122
EPH (ug/l)										
			NA	NA	NA	NA	NA	NA	ND	NA
Metals (ug/l)										
ALUMINUM	1430		39.6	64.8	1130	67.7	ND	NA	1350	ND
ARSENIC	10		6.3	ND	ND	ND	ND	NA	ND	ND
BARIUM	2000		78.5	27.3	29	62	20.3	NA	41.4	65.2
BERYLLIUM	73		ND	ND	ND	ND	ND	NA	0.41 J	ND
BORON	630		63.4 J	36.1 J	11.2 J	85 J	62.8	NA	29.4	27.2 J
CADMIUM	3.5		0.21	ND	0.08 J	ND	ND	NA	ND	ND
CALCIUM	*		37700	29300	14800	25800	18800	NA	18900	29100
CHROMIUM	40		ND	ND	ND	ND	ND	NA	ND	ND
COBALT	2200		ND	ND	ND	ND	ND	NA	3.3	ND
COPPER	1300		1 J	6	6.1	ND	ND	NA	12.3	1.5 J
IRON	11000		3380	62.3	1470	2770	ND	NA	4790	3720
LEAD	10		ND	1.9	0.45	ND	ND	NA	ND	ND
MAGNESIUM	*		14800	13400	5940	12900	11100	NA	8560	11900
MANGANESE	500		424	130	445	317	67.5	NA	803	562
MERCURY	2		ND	ND	ND	ND	ND	NA	ND	ND
MOLYBDENUM	35		1.2 J	2.2	2.2	ND	ND	NA	314	18.1
NICKEL	140		11.7 J	13.7 J	14 J	14 J	ND	NA	13.9	10.8 J
POTASSIUM	*		7600	2630	3300	3440	2940	NA	4930	5000
SELENIUM	35		ND	ND	ND	ND	ND	NA	3.04 R	ND
SILVER	35		ND	0.26	ND	ND	ND	NA	3.6	0.2
SODIUM	20000		24400	13700	13600	12000	13500	NA	10600	9670
THALLIUM	2.4		ND	0.68	0.41	ND	ND	NA	ND	ND
VANADIUM	260		ND	ND	6.5 J	ND	ND	NA	ND	ND
ZINC	2000		4	5.4	8.7	ND	2.7 J	NA	ND	ND
PCBs (ug/l)										
			NA	NA	NA	NA	NA	NA	ND	NA
Pesticides (ug/l)										
			NA	NA	NA	NA	NA	NA	ND	NA
SVOCs (ug/l)										
NAPHTHALENE	14		NA	NA	NA	NA	NA	NA	ND	ND
VOCs (ug/l)										
1,1,1-TRICHLOROETHANE	200		ND	6	ND	ND	ND		150	170
1,1,2-TRICHLOROETHANE	6		ND	ND	ND	ND	ND		ND	ND
1,1-DICHLOROETHANE	70		8	1	ND	0.9 J	ND		47	35
1,1-DICHLOROETHENE	0.6		4	0.5 J	ND	ND	ND		16	19
1,2-DICHLOROETHANE	4		ND	ND	ND	ND	ND		ND	ND
2-BUTANONE	1440		5 R	ND	ND	ND	ND		ND	5 R
ACETONE	700		5 R	ND	ND	ND	ND		ND	5 R
BENZENE	12		ND	ND	ND	ND	ND		ND	ND
BROMODICHLOROMETHANE	6		ND	ND	2	ND	ND		ND	ND
CHLOROFORM	57		ND	6	38	ND	4		ND	ND
CHLOROMETHANE	3		ND	ND	ND	ND	ND		ND	ND
ETHYLBENZENE	70		ND	ND	ND	ND	ND		ND	ND
M-,P-XYLENE	14000		ND	ND	ND	ND	ND		ND	ND
O-XYLENE	14000		ND	ND	ND	ND	ND		ND	ND
TOLUENE	1400		ND	ND	ND	ND	ND		ND	ND
TRICHLOROETHENE	32		ND	ND	ND	1	4		ND	ND
VINYL CHLORIDE	0.2		ND	ND	ND	ND	ND		0.2	0.13 J

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-16A
Study Area 5 - 115kV Switchyard Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05TP06(0.5-6.5)	MY05TP06(6.5-6.8)	MY05TP07(0.5-5.0)	MY05TP07(5.5-5.8)	MY05TP08(0.5-6.5)	MY05TP08(6.5-6.8)	Duplicates
								Date Collected
		10/22/2001	10/22/2001	10/22/2001	10/22/2001	10/22/2001	10/22/2001	Sample Delivery Group
		MY013	MY013	MY013	MY013	MY013	MY013	
EPH (mg/kg)								
C11-C22 AROMATICS (mg/kg)	100	ND	ND	ND	ND	ND	ND	
C19-C36 ALIPHATICS (mg/kg)	100	56 J	ND	6.8 J	ND	ND	ND	
C9-C18 ALIPHATICS (mg/kg)	100	19 J	ND	ND	ND	ND	ND	
Metals (mg/kg)								
ALUMINUM	76,000	NA	16700	NA	9600	NA	23900	
ANTIMONY	31	NA	0.04	NA	ND	NA	0.07	
ARSENIC	22	NA	11.1	NA	8.4	NA	8.5	
BARIUM	5,400	NA	70.5	NA	47.1	NA	86.5	
BERYLLIUM	150	NA	0.54	NA	0.4	NA	0.7	
BORON	5,500	NA	1.2	NA	ND	NA	3.4	
CADMIUM	37	NA	ND	NA	0.12	NA	ND	
CALCIUM	*	NA	2220	NA	1450	NA	2980	
CHROMIUM	210	NA	37.6	NA	20.5	NA	56.2	
COBALT	4,700	NA	13.5	NA	6.4	NA	12.6	
COPPER	2,900	NA	18.6	NA	17.7	NA	25.1	
IRON	23,000	NA	24900	NA	15500	NA	33200	
LEAD	400	NA	8	NA	12.2	NA	11.8	
MAGNESIUM	*	NA	6570	NA	4840	NA	9480	
MANGANESE	1,800	NA	660	NA	304	NA	457	
MERCURY	6	NA	ND	NA	0.03	NA	ND	
MOLYBDENUM	390	NA	1.1	NA	0.92	NA	0.86	
NICKEL	*	NA	33.6	NA	17.3	NA	45.8	
POTASSIUM	*	NA	4300	NA	2110	NA	5890	
SILVER	390	NA	ND	NA	ND	NA	ND	
SODIUM	*	NA	208	NA	106	NA	238	
THALLIUM	520	NA	0.22	NA	ND	NA	0.26	
VANADIUM	550	NA	40.1	NA	23.1	NA	50.6	
ZINC	23,000	NA	53.8	NA	71.6	NA	74.4	
PCBs (ug/kg)								
		ND	ND	ND	ND	ND	ND	
Pesticides (ug/kg)								
		NA	ND	NA	ND	NA	ND	
SVOCs (ug/kg)								
ANTHRACENE	2,200,000	NA	ND	NA	260 J	NA	ND	
BENZO(A)ANTHRACENE	620	NA	ND	NA	430	NA	ND	
BENZO(A)PYRENE	62	NA	ND	NA	380	NA	ND	
BENZO(B)FLUORANTHENE	620	NA	ND	NA	470	NA	ND	
BENZO[G,H,I]PERYLENE	*	NA	ND	NA	210 J	NA	ND	
CHRYSENE	62,000	NA	ND	NA	430	NA	ND	
FLUORANTHENE	2,300,000	NA	ND	NA	1000	NA	ND	
INDENO(1,2,3-CD)PYRENE	620	NA	ND	NA	230 J	NA	ND	

Table 4-16A
Study Area 5 - 115kV Switchyard Area Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05TP06(0.5-6.5)		MY05TP07(0.5-5.0)		MY05TP08(0.5-6.5)	
		Duplicates Date Collected Sample Delivery Group	10/22/2001 MY013	10/22/2001 MY013	10/22/2001 MY013	10/22/2001 MY013	10/22/2001 MY013
PHENANTHRENE	*	NA	ND	NA	990	NA	ND
PYRENE	2,300,000	NA	ND	NA	720 J	NA	ND
VOCs (ug/kg)							
ACETONE	1,600,000	NA	13	NA	ND	NA	ND
METHYLENE CHLORIDE	8,900	NA	90 J	NA	ND	NA	ND
Other Compounds							
TOTAL SOLIDS (%)	*	87	77	93	92	95	77

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-16B
Study Area 5 - 115 kV Switchyard Area Soil Analytical Results (Construction Transformer)
Detected Compounds

Analyte Duplicates Date Collected Sample Delivery Group Location Description	PAL	MY05HA07(0-0.5)	MY05HA07(2.0-2.5)	MY05HA08(0-0.5)	MY05HA08(2.0-2.5)	MY05HA09(0-0.5)	MY05HA09(2.0-2.5)
		10/30/2001 MY015 Constr. Transformer	10/31/2001 MY015 Constr. Transformer	10/30/2001 MY015 Constr. Transformer	10/31/2001 MY015 Constr. Transformer	10/30/2001 MY015 Constr. Transformer	10/31/2001 MY015 Constr. Transformer
EPH (mg/kg)							
C11-C22 AROMATICS (mg/kg)	100	17	ND	17	ND	2300 J	17
C19-C36 ALIPHATICS (mg/kg)	100	90 J	12 J	ND	ND	12000 J	ND
C9-C18 ALIPHATICS (mg/kg)	100	ND	6.4	ND	7.2	8800	6.3
PCBs (ug/kg)							
AROCLOR-1260	220	150 J	ND	ND	ND	600 J	ND
VOCs (ug/kg)							
1,1,2,2-TETRACHLOROETHANE	380	ND	ND	ND	ND	5 R	ND
ACETONE	1,600,000	ND	ND	ND	ND	180 J	ND
METHYLENE CHLORIDE	8,900	ND	ND	ND	ND	90 J	ND
Other Compounds							
TOTAL SOLIDS (%)	*	93	94	95	83	94	95

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-16B
Study Area 5 - 115 kV Switchyard Area Soil Analytical Results (Construction Transformer)
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group Location Description	PAL	MY05HA11(0-0.5) 10/30/2001 MY015 Constr. Transformer	MY05HA11(2.0-2.5) 10/31/2001 MY015 Constr. Transformer	MY05HA12(2.0-2.5) Dup. of MY05HA11(2.0-2.5) 10/31/2001 MY015 Constr. Transformer	MY05HA101(0-0.5) 6/13/2002 MY110 Constr. Transformer	MY05HA115(0-0.5) Dup. of MY05HA101(0-0.5) 6/13/2002 MY110 Constr. Transformer	MY05HA101(2-2.5) 6/13/2002 MY110 Constr. Transformer
EPH (mg/kg)								
C11-C22 AROMATICS (mg/kg)		100	ND	ND	ND	ND	19	ND
C19-C36 ALIPHATICS (mg/kg)		100	ND	110 J	90 J	11 J	9.4 J	ND
C9-C18 ALIPHATICS (mg/kg)		100	6.5	50	37	ND	ND	ND
PCBs (ug/kg)								
AROCLOR-1260		220	ND	ND	ND	ND	ND	ND
VOCs (ug/kg)								
1,1,2,2-TETRACHLOROETHANE		380	ND	ND	ND	NA	NA	NA
ACETONE		1,600,000	ND	ND	ND	NA	NA	NA
METHYLENE CHLORIDE		8,900	ND	ND	ND	NA	NA	NA
Other Compounds								
TOTAL SOLIDS (%)		*	92	94	94	91	90	81

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-16B
Study Area 5 - 115 kV Switchyard Area Soil Analytical Results (Construction Transformer)
Detected Compounds

Analyte Duplicates Date Collected Sample Delivery Group Location Description	PAL	MY05HA102(0-0.5)	MY05HA102(2-2.5)	MY05HA103(0-0.5)	MY05HA103(2-2.5)	MY05HA104(0-0.5)	MY05HA104(2-2.5)
		6/13/2002 MY110 Constr. Transformer	6/13/2002 MY110 Constr. Transformer	6/13/2002 MY110 Constr. Transformer	6/13/2002 MY110 Constr. Transformer	6/13/2002 MY110 Constr. Transformer	6/13/2002 MY110 Constr. Transformer
EPH (mg/kg)							
C11-C22 AROMATICS (mg/kg)	100	18	ND	23	22	ND	36
C19-C36 ALIPHATICS (mg/kg)	100	9.2 J	ND	7.4 J	ND	ND	11 J
C9-C18 ALIPHATICS (mg/kg)	100	ND	ND	ND	ND	ND	ND
PCBs (ug/kg)							
AROCLOR-1260	220	ND	ND	ND	ND	ND	ND
VOCs (ug/kg)							
1,1,2,2-TETRACHLOROETHANE	380	NA	NA	NA	NA	NA	NA
ACETONE	1,600,000	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	8,900	NA	NA	NA	NA	NA	NA
Other Compounds							
TOTAL SOLIDS (%)	*	92	89	92	79	92	77

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-17
Study Area 5 - Personnel Building and Parking Lot Soil Analytical Results
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group	PAL	MY05SB17(0-0.5) 10/18/2002 MY011	MY05SB17(2-4) 10/22/2002 MY011	MY05SB17(4-5) 10/22/2002 MY011	MY05SB18(6-8) 10/11/2001 MY010	MY05SB19(10-12) 10/10/2001 MY010	MY05SB20(6-8) 10/11/2001 MY010	MY05SB21(4-5.2) 10/11/2001 MY010	MY05SB22(8-8.4) 10/25/2001 MY015	MY05SB60(8-8.4) Dup. of MY05SB22(8-8.4) 10/25/2001 MY015	MY05SS67 10/23/2001 MY011	MY05SS69 10/22/2001 MY011	MY05SS70 10/10/2001 MY010	MY05SS75(0-0.5) 7/1/2002 MY114
EPH/VPH (mg/kg)															
C11-C22 AROMATICS (mg/kg)	100	150 J	37	26	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
C19-C36 ALIPHATICS (mg/kg)	100	440	38	22	ND	ND	ND	ND	ND	ND	NA	ND	9.4	19 J	ND
C9-C18 ALIPHATICS (mg/kg)	100	ND	ND	7.3	7 R	7.8 R	6.9 R	7.7 R	ND	ND	NA	ND	ND	6.8 R	ND
VPH	*	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA
Metals (mg/kg)															
ALUMINUM	76000	11400	NA	8330	12000	30500	12200	18500	NA	NA	9620	NA	8500	10500	
ANTIMONY	31	0.01 R	NA	0.01 R	ND	ND	ND	ND	NA	NA	0.01 R	NA	ND	ND	1.5 J
ARSENIC	22	7.8	NA	7.4	8.8	9.9	8.1	11.5	7.4	NA	12	NA	5.4	9.8	
BARIUM	5400	43.4	NA	43.1	48.5	119	43.9	74.3	NA	NA	52.2	NA	35.9	47.1	
BERYLLIUM	150	0.37	NA	0.33	0.51	0.84	0.44	0.59	NA	NA	0.41	NA	0.25	0.41	
BORON	5500	0.65	NA	0.63	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	
CADMIUM	37	0.12	NA	0.12	0.05	0.04	0.02 J	0.06	NA	NA	0.17	NA	0.21	ND	
CALCIUM	*	3120	NA	9220	1470	4500	1080	2630	NA	NA	1530	NA	2020	1610	
CHROMIUM	210	19.9 J	NA	20.4 J	23.3	64.2	19.8	40.4	NA	NA	23.9 J	NA	14.3	44 J	
COBALT	4700	7	NA	5	6.9	17	6.2	11.6	NA	NA	6.7	NA	4.4	7.9	
COPPER	2900	16.7	NA	15.1	15.9	27.9	12.5	20.5	NA	NA	25.3	NA	52.2	17.8	
IRON	23000	15800	NA	12900	16400	39600	13900	25400	NA	NA	16100	NA	11500	17000	
LEAD	400	11.9	NA	9.3	7.2	14.9	5.9	9.2	NA	NA	13.4	NA	6.7	969	
MAGNESIUM	*	5270	NA	4140	4380	14100	3640	7660	NA	NA	5460	NA	4150	5620	
MANGANESE	1800	301	NA	296	402	732	345	448	NA	NA	323	NA	232	362	
MOLYBDENUM	390	0.48	NA	1.2	0.76	0.97	0.43	0.87	NA	NA	0.77	NA	0.38	ND	
NICKEL	*	20.6	NA	14.5	20.5	52.5	17	33.8	NA	NA	17.8	NA	11.2	21	
POTASSIUM	*	2540	NA	2010	2620	8670	2230	4910	NA	NA	2440	NA	1780	2520	
SELENIUM	390	ND	NA	ND	ND	0.53 J	0.52 J	ND	NA	NA	ND	NA	ND	ND	
SILVER	390	0.04	NA	0.04	ND	0.06	0.07	0.05	NA	NA	1.9	NA	ND	ND	
SODIUM	*	415 J	NA	182 J	ND	452	ND	238	NA	NA	106 J	NA	278	132	
THALLIUM	520	0.29	NA	ND	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	
VANADIUM	550	40.8	NA	19.8	23.8	61.1	21.8	39.3	NA	NA	24.7	NA	19.2	22.8	
ZINC	23000	63.1	NA	50.7	45.6	85.1	32.9	58.4	NA	NA	74.8	NA	1060	69.5 J	
PCBs (ug/kg)															
		ND	NA	ND	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	
Pesticides (ug/kg)															
		ND	NA	ND	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	
SVOCs (ug/kg)															
BENZO(A)ANTHRACENE	620	ND	NA	330 J	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	
BENZO(A)PYRENE	62	ND	NA	300 J	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	
BENZO(B)FLUORANTHENE	620	ND	NA	370	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	
BENZO(G,H,I)PERYLENE	*	ND	NA	200 J	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	
CHRYSENE	62000	ND	NA	310 J	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	
FLUORANTHENE	2300000	ND	NA	940	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	
INDENO(1,2,3-CD)PYRENE	620	ND	NA	240 J	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	
PHENANTHRENE	*	ND	NA	520	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	
PYRENE	2300000	ND	NA	520	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	
VOCs (ug/kg)															
2-BUTANONE	7300000	ND	10 R	13 R	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	13 R
ACETONE	1600000	22 J	ND	ND	ND	ND	ND	ND	NA	NA	7 J	NA	ND	ND	
TRICHLOROETHENE	2800	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	
Other Compounds															
SULFATE (mg/kg)	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL SOLIDS (%)	*	96	93	91	86	77	86	77	92	93	81	88	88	88	93

Notes:
PAL = Project Action Limit
* PAL Not Available
Bold values indicate an exceedence of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-17
Study Area 5 - Personnel Building and Parking Lot Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05GP201(0-0.5) 10/2/2003 MY141	MY05GP206(0-0.5) Dup. of MY05GP201(0-0.5) 10/2/2003 MY141	MY05GP201(1.8-2) 10/2/2003 MY141	MY05GP237(1.8-2) Dup. of MY05GP201(1.8-2.0) 10/2/2003 MY141	MY05GP201(3.8-4) 10/2/2003 MY141	MY05GP202(0-0.5) 10/2/2003 MY141	MY05GP202(1.8-2) 10/2/2003 MY141	MY05GP202(3.8-4) 10/2/2003 MY141	MY05GP203(0-0.5) 10/2/2003 MY141	MY05GP203(1.8-2) 10/2/2003 MY141	MY05GP203(3.8-4) 10/2/2003 MY141
EPH/VPH (mg/kg)												
C11-C22 AROMATICS (mg/kg)	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 ALIPHATICS (mg/kg)	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C18 ALIPHATICS (mg/kg)	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VPH	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)												
ALUMINUM	76000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTIMONY	31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARSENIC	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARIUM	5400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BERYLLIUM	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BORON	5500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CADMIUM	37	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CALCIUM	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COBALT	4700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COPPER	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRON	23000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LEAD	400	14.4	16.2	16.9	16.4	15.9	14.4	15.3	16.8	22.2	15.5	16.2
MAGNESIUM	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MANGANESE	1800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOLYBDENUM	390	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NICKEL	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POTASSIUM	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SELENIUM	390	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SILVER	390	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SODIUM	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
THALLIUM	520	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VANADIUM	550	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZINC	23000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (ug/kg)												
		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/kg)												
		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/kg)												
BENZO(A)ANTHRACENE	620	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(A)PYRENE	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE	620	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BENZO(G,H,I)PERYLENE	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	62000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	2300000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE	620	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PHENANTHRENE	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PYRENE	2300000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/kg)												
2-BUTANONE	7300000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACETONE	1600000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	2800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other Compounds												
SULFATE (mg/kg)	*	10U	10U	20U	28U	25U	23U	120	25U	20U	22U	32U
TOTAL SOLIDS (%)	*	93	94	80	80	80	80	79	79	92	81	80

Notes:
PAL = Project Action Limit
* PAL Not Available
Bold values indicate an exceedence of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-17
Study Area 5 - Personnel Building and Parking Lot Soil Analytical Results
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group	PAL	MY05GP204(0-0.5)	MY05GP204(1.8-2)	MY05GP204(3.8-4)	MY05GP205(0-0.5)	MY05GP205(1.8-2)	MY05GP205(3.8-4)
			10/2/2003 MY141	10/2/2003 MY141	10/2/2003 MY141	10/2/2003 MY141	10/2/2003 MY141	10/2/2003 MY141
EPH/VPH (mg/kg)								
C11-C22 AROMATICS (mg/kg)		100	NA	NA	NA	NA	NA	NA
C19-C36 ALIPHATICS (mg/kg)		100	NA	NA	NA	NA	NA	NA
C9-C18 ALIPHATICS (mg/kg)		100	NA	NA	NA	NA	NA	NA
VPH		*	NA	NA	NA	NA	NA	NA
Metals (mg/kg)								
ALUMINIUM		76000	NA	NA	NA	NA	NA	NA
ANTIMONY		31	NA	NA	NA	NA	NA	NA
ARSENIC		22	NA	NA	NA	NA	NA	NA
BARIUM		5400	NA	NA	NA	NA	NA	NA
BERYLLIUM		150	NA	NA	NA	NA	NA	NA
BORON		5500	NA	NA	NA	NA	NA	NA
CADMIUM		37	NA	NA	NA	NA	NA	NA
CALCIUM		*	NA	NA	NA	NA	NA	NA
CHROMIUM		210	NA	NA	NA	NA	NA	NA
COBALT		4700	NA	NA	NA	NA	NA	NA
COPPER		2900	NA	NA	NA	NA	NA	NA
IRON		23000	NA	NA	NA	NA	NA	NA
LEAD		400	14.9	18.3	16.0	15.3	15.5	16.2
MAGNESIUM		*	NA	NA	NA	NA	NA	NA
MANGANESE		1800	NA	NA	NA	NA	NA	NA
MOLYBDENUM		390	NA	NA	NA	NA	NA	NA
NICKEL		*	NA	NA	NA	NA	NA	NA
POTASSIUM		*	NA	NA	NA	NA	NA	NA
SELENIUM		390	NA	NA	NA	NA	NA	NA
SILVER		390	NA	NA	NA	NA	NA	NA
SODIUM		*	NA	NA	NA	NA	NA	NA
THALLIUM		520	NA	NA	NA	NA	NA	NA
VANADIUM		550	NA	NA	NA	NA	NA	NA
ZINC		23000	NA	NA	NA	NA	NA	NA
PCBs (ug/kg)								
			NA	NA	NA	NA	NA	NA
Pesticides (ug/kg)								
			NA	NA	NA	NA	NA	NA
SVOCs (ug/kg)								
BENZO(A)ANTHRACENE		620	NA	NA	NA	NA	NA	NA
BENZO(A)PYRENE		62	NA	NA	NA	NA	NA	NA
BENZO(B)FLUORANTHENE		620	NA	NA	NA	NA	NA	NA
BENZO(G,H,I)PERYLENE		*	NA	NA	NA	NA	NA	NA
CHRYSENE		62000	NA	NA	NA	NA	NA	NA
FLUORANTHENE		2300000	NA	NA	NA	NA	NA	NA
INDENO(1,2,3-CD)PYRENE		620	NA	NA	NA	NA	NA	NA
PHENANTHRENE		*	NA	NA	NA	NA	NA	NA
PYRENE		2300000	NA	NA	NA	NA	NA	NA
VOCs (ug/kg)								
2-BUTANONE		7300000	NA	NA	NA	NA	NA	NA
ACETONE		1600000	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE		2800	NA	NA	NA	NA	NA	NA
Other Compounds								
SULFATE (mg/kg)		*	50U	29U	27U	61U	39U	50U
TOTAL SOLIDS (%)		*	93	79	78	94	81	78

Notes:

- PAL = Project Action Limit
- * PAL, Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-18A
Study Area 5 - Northern Bailey Point Soil Analytical Results (345 kV Area)
Detected Compounds

Analyte	PAL	MY05SB23(0-0.5)	MY05SB23(2-12)	MY05SB23(6-8)	MY05SB23(12-14)	MY05SB24(0-0.5)	MY05SB24(6-8)	MY05SB24(8-10)	MY05SB48(0-0.5)	MY05SB48(6-8)
		10/4/2001 MY010	10/4/2001 MY010	10/4/2001 MY010	10/8/2001 MY010	10/9/2001 MY010	10/10/2001 MY010	10/10/2001 MY010	10/8/2001 MY010	10/9/2001 MY010
EPH (mg/kg)										
C11-C22 AROMATICS	100	NA	ND	NA	ND	NA	19 J	ND	NA	ND
C19-C36 ALIPHATICS	100	NA	8.2	NA	10 J	NA	ND	57 J	NA	ND
C9-C18 ALIPHATICS	100	NA	12 J	NA	7.3 R	NA	7 R	20 J	NA	7.4 R
Metals (mg/kg)										
ALUMINUM	76000	11400	NA	NA	26100	17900	NA	20800	15300	NA
ANTIMONY	31	ND	NA	NA	ND	ND	NA	ND	ND	NA
ARSENIC	22	6.4	NA	NA	14.8	11.3	NA	11.3	8.5	NA
BARIUM	5400	48.2	NA	NA	96	75	NA	80.2	76.8	NA
BERYLLIUM	150	0.39	NA	NA	0.86	0.65	NA	0.77	0.54	NA
BORON	5500	ND	NA	NA	ND	ND	NA	ND	ND	NA
CADMIUM	37	0.09	NA	NA	0.09	0.08	NA	0.04	0.08	NA
CALCIUM	*	1780	NA	NA	2220	2910	NA	2020	3050	NA
CHROMIUM	210	22.4	NA	NA	55.7	37	NA	39.5	33.9	NA
COBALT	4700	7.2	NA	NA	15.8	10.4	NA	11.8	8.6	NA
COPPER	2900	17.8	NA	NA	25.5	20	NA	20.3	16.2	NA
IRON	23000	17400	NA	NA	37000	25000	NA	26800	20400	NA
LEAD	400	9.3	NA	NA	14	11.6	NA	9.4	10.1	NA
MAGNESIUM	*	5290	NA	NA	8960	7280	NA	7740	5870	NA
MANGANESE	1800	334	NA	NA	731	436	NA	448	360	NA
MERCURY	6.1	0.06	NA	NA	ND	ND	NA	ND	ND	NA
MOLYBDENUM	390	0.76	NA	NA	1.1	1	NA	0.77	0.93	NA
NICKEL	*	17.6	NA	NA	46.2	29.2	NA	31.8	27.5	NA
POTASSIUM	*	2670	NA	NA	5120	4340	NA	4860	3380	NA
SELENIUM	390	ND	NA	NA	ND	ND	NA	ND	ND	NA
SILVER	390	0.1	NA	NA	0.17	0.06	NA	0.05	0.06	NA
SODIUM	*	ND	NA	NA	ND	ND	NA	290	ND	NA
THALLIUM	520	ND	NA	NA	ND	ND	NA	ND	ND	NA
VANADIUM	550	27.6	NA	NA	54.4	38.7	NA	41.2	32.4	NA
ZINC	23000	56.1	NA	NA	75.9	77.2	NA	59.2	60.3	NA
PCBs (ug/kg)										
AROCLOR-1242	220	ND	NA	NA	ND	ND	NA	ND	ND	NA
AROCLOR-1254	220	ND	NA	NA	ND	ND	NA	ND	ND	NA
AROCLOR-1260	220	ND	NA	NA	ND	ND	NA	ND	ND	NA
Pesticides (ug/kg)										
ALDRIN	29	ND	NA	NA	ND	ND	NA	ND	ND	NA
DIELDRIN	30	ND	NA	NA	ND	ND	NA	ND	ND	NA
SVOCs (ug/kg)										
3,3'-DICHLOROBENZIDINE	1100	ND	NA	NA	ND	ND	NA	ND	ND	NA
3-NITROANILINE	*	ND	NA	NA	ND	ND	NA	ND	ND	NA
4-METHYLPHENOL	3100000	ND	NA	NA	ND	ND	NA	ND	ND	NA
4-NITROANILINE	*	ND	NA	NA	ND	ND	NA	ND	ND	NA
ANTHRACENE	2200000	ND	NA	NA	ND	ND	NA	ND	ND	NA
BENZO(A)ANTHRACENE	620	ND	NA	NA	ND	ND	NA	ND	ND	NA
BENZO(A)PYRENE	62	ND	NA	NA	ND	ND	NA	ND	ND	NA

Table 4-18A
Study Area 5 - Northern Bailey Point Soil Analytical Results (345 kV Area)
Detected Compounds

Analyte Duplicates Date Collected Sample Delivery Group	PAL	MY05SB23(0-0.5)	MY05SB23(2-12)	MY05SB23(6-8)	MY05SB23(12-14)	MY05SB24(0-0.5)	MY05SB24(6-8)	MY05SB24(8-10)	MY05SB48(0-0.5)	MY05SB48(6-8)
		10/4/2001 MY010	10/4/2001 MY010	10/4/2001 MY010	10/8/2001 MY010	10/9/2001 MY010	10/10/2001 MY010	10/10/2001 MY010	10/8/2001 MY010	10/9/2001 MY010
BENZO(B)FLUORANTHENE	620	ND	NA	NA	ND	ND	NA	ND	ND	NA
BENZO(k)FLUORANTHENE	6200	ND	NA	NA	ND	ND	NA	ND	ND	NA
BENZO[G,H,I]PERYLENE	*	ND	NA	NA	ND	ND	NA	ND	ND	NA
BIS(2-ETHYLHEXYL) PHTHALATE	35000	ND	NA	NA	ND	ND	NA	ND	ND	NA
CARBAZOLE	24000	ND	NA	NA	ND	ND	NA	ND	ND	NA
CHRYSENE	62000	ND	NA	NA	ND	ND	NA	ND	ND	NA
DIBENZO(A,H)ANTHRACENE	62	ND	NA	NA	ND	ND	NA	ND	ND	NA
FLUORANTHENE	2300000	ND	NA	NA	ND	ND	NA	ND	ND	NA
FLUORENE	2600000	ND	NA	NA	ND	ND	NA	ND	ND	NA
INDENO(1,2,3-CD)PYRENE	620	ND	NA	NA	ND	ND	NA	ND	ND	NA
PHENANTHRENE	*	ND	NA	NA	ND	ND	NA	ND	ND	NA
PYRENE	2300000	ND	NA	NA	ND	ND	NA	ND	ND	NA
VOCs (ug/kg)										
2-BUTANONE	7300000	ND	NA	ND	ND	ND	ND	ND	ND	ND
ACETONE	1600000	ND	NA	ND	ND	ND	ND	ND	ND	ND
CHLOROFORM	240	ND	NA	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	230000	ND	NA	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	8900	ND	NA	ND	ND	ND	ND	ND	ND	ND
TOLUENE	520000	ND	NA	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	2800	ND	NA	ND	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE	150	ND	NA	ND	ND	ND	ND	ND	ND	ND
Other Compounds										
TOTAL SOLIDS (%)	*	91	86	83	82	93	85	84	93	81
TOTAL SOLIDS (VOA) (%)	*	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-18A
Study Area 5 - Northern Bailey Point Soil Analytical Results (345 kV Area)
Detected Compounds

Analyte	PAL	MY05SB48(8-10)	MY05SB49(0-0.5)	MY05SB49(26-28)	MY05SB49(12-14)	MY05SB49(2-12)	MY05SB49(6-8)	MY05SB50(0-0.5)	MY05SB58(0-0.5)
		10/9/2001 MY010	10/16/2001 MY010	Dup. of MY05SB49(0-0.5) 10/16/2001 MY010	10/16/2001 MY010	10/17/2001 MY010	10/16/2001 MY010	11/14/2001 MY016	Dup. of MY05SB50(0-0.5) 11/14/2001 MY016
<i>EPH (mg/kg)</i>									
C11-C22 AROMATICS	100	ND	NA	NA	ND	ND	NA	ND	ND
C19-C36 ALIPHATICS	100	10 J	NA	NA	ND	23	NA	ND	ND
C9-C18 ALIPHATICS	100	6.7 R	NA	NA	ND	ND	NA	ND	ND
<i>Metals (mg/kg)</i>									
ALUMINUM	76000	11100	16600	14200	20300	NA	NA	27300	27200
ANTIMONY	31	ND	0.05 R	0.03 R	ND	NA	NA	ND	ND
ARSENIC	22	8.8	9.1	8.1	11.5	NA	NA	12.1	15.7
BARIUM	5400	46.5	62.8	61.9	85.9	NA	NA	94.7	117
BERYLLIUM	150	0.38	0.59	0.56	0.67	NA	NA	1	1
BORON	5500	ND	ND	ND	ND	NA	NA	ND	5.8
CADMIUM	37	0.05	0.1	0.11	0.07	NA	NA	ND	ND
CALCIUM	*	1620	2150	2070	2510	NA	NA	2190 J	3960 J
CHROMIUM	210	21.2	35.9	30.1	47.1	NA	NA	55.3	56.4
COBALT	4700	7	9.6	8.3	13.1	NA	NA	16.9	19.8
COPPER	2900	12	17.4	16.5	22.3	NA	NA	20.4	25.7
IRON	23000	19900	23000	20600	29000	NA	NA	35400	38200
LEAD	400	5.6	10.7	10	10.2	NA	NA	15	20.4
MAGNESIUM	*	5260	6410	5120	7780	NA	NA	8350	8540
MANGANESE	1800	266	477	402	637	NA	NA	710 J	1890 J
MERCURY	6.1	ND	ND	ND	ND	NA	NA	0.03	0.04
MOLYBDENUM	390	0.69	0.92	0.74	0.87	NA	NA	ND	ND
NICKEL	*	15.9	26.9	22.7	37.8	NA	NA	41.1	46.5
POTASSIUM	*	3290	3410	3130	5980	NA	NA	4380	4710
SELENIUM	390	ND	ND	ND	ND	NA	NA	ND	ND
SILVER	390	ND	0.06	0.05	0.05	NA	NA	0.32 J	0.58 J
SODIUM	*	ND	ND	ND	300	NA	NA	ND	210
THALLIUM	520	ND	ND	ND	ND	NA	NA	ND	ND
VANADIUM	550	26.2	34.5	33.7	46	NA	NA	61.8	63.5
ZINC	23000	56.3	61.4	58.3	62.3	NA	NA	87.7 J	214 J
<i>PCBs (ug/kg)</i>									
AROCLOR-1242	220	ND	ND	ND	ND	NA	NA	ND	ND
AROCLOR-1254	220	ND	ND	ND	ND	NA	NA	ND	ND
AROCLOR-1260	220	ND	ND	ND	ND	NA	NA	ND	ND
<i>Pesticides (ug/kg)</i>									
ALDRIN	29	ND	NA	NA	ND	NA	NA	ND	ND
DIELDRIN	30	ND	NA	NA	ND	NA	NA	ND	ND
<i>SVOCs (ug/kg)</i>									
3,3'-DICHLOROBENZIDINE	1100	ND	ND	ND	ND	NA	NA	ND	ND
3-NITROANILINE	*	ND	ND	ND	ND	NA	NA	ND	ND
4-METHYLPHENOL	3100000	ND	ND	ND	ND	NA	NA	ND	ND
4-NITROANILINE	*	ND	ND	ND	ND	NA	NA	ND	ND
ANTHRACENE	2200000	ND	ND	ND	ND	NA	NA	ND	ND
BENZO(A)ANTHRACENE	620	ND	ND	ND	ND	NA	NA	ND	ND
BENZO(A)PYRENE	62	ND	ND	ND	ND	NA	NA	ND	ND

Table 4-18A
Study Area 5 - Northern Bailey Point Soil Analytical Results (345 kV Area)
Detected Compounds

Analyte	PAL	MY05SB48(8-10)	MY05SB49(0-0.5)	MY05SB49(26-28)	MY05SB49(12-14)	MY05SB49(2-12)	MY05SB49(6-8)	MY05SB50(0-0.5)	MY05SB58(0-0.5)	
		Duplicates Date Collected Sample Delivery Group	10/9/2001 MY010	10/16/2001 MY010	Dup. of MY05SB49(0-0.5) 10/16/2001 MY010	10/16/2001 MY010	10/17/2001 MY010	10/16/2001 MY010	11/14/2001 MY016	Dup. of MY05SB50(0-0.5) 11/14/2001 MY016
BENZO(B)FLUORANTHENE	620	ND	ND	ND	ND	NA	NA	ND	ND	
BENZO(k)FLUORANTHENE	6200	ND	ND	ND	ND	NA	NA	ND	ND	
BENZO[G,H,I]PERYLENE	*	ND	ND	ND	ND	NA	NA	ND	ND	
BIS(2-ETHYLHEXYL) PHTHALATE	35000	ND	ND	ND	ND	NA	NA	ND	ND	
CARBAZOLE	24000	ND	ND	ND	ND	NA	NA	ND	ND	
CHRYSENE	62000	ND	ND	ND	ND	NA	NA	ND	ND	
DIBENZO(A,H)ANTHRACENE	62	ND	ND	ND	ND	NA	NA	ND	ND	
FLUORANTHENE	2300000	ND	200 J	ND	ND	NA	NA	ND	ND	
FLUORENE	2600000	ND	ND	ND	ND	NA	NA	ND	ND	
INDENO(1,2,3-CD)PYRENE	620	ND	ND	ND	ND	NA	NA	ND	ND	
PHENANTHRENE	*	ND	ND	ND	ND	NA	NA	ND	ND	
PYRENE	2300000	ND	ND	ND	ND	NA	NA	ND	ND	
VOCs (ug/kg)										
2-BUTANONE	7300000	ND	ND	ND	ND	NA	ND	ND	ND	
ACETONE	1600000	ND	ND	ND	ND	NA	ND	ND	45	
CHLOROFORM	240	3 J	ND	ND	ND	NA	ND	ND	ND	
ETHYLBENZENE	230000	ND	ND	ND	ND	NA	ND	ND	ND	
METHYLENE CHLORIDE	8900	ND	ND	ND	ND	NA	ND	ND	ND	
TOLUENE	520000	ND	ND	ND	ND	NA	ND	ND	ND	
TRICHLOROETHENE	2800	ND	ND	ND	ND	NA	ND	ND	ND	
VINYL CHLORIDE	150	ND	ND	ND	ND	NA	ND	ND	ND	
Other Compounds										
TOTAL SOLIDS (%)	*	89	89	91	83	84	88	68	65	
TOTAL SOLIDS (VOA) (%)	*	NA	NA	NA	79	NA	NA	NA	NA	

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-18A
Study Area 5 - Northern Bailey Point Soil Analytical Results (345 kV Area)
Detected Compounds

Analyte	PAL	MY05SB51(0-0.5)	MY05SB56(0-0.5)	MY05SB52(0-0.5)	MY05SB52(14-16)	MY05SB52(2-14)	MY05SB52(6-8)	MY05SS104(0-0.5)	MY05SS98(0-0.5)
		11/14/2001 MY016	Dup. of MY05SB51(0-0.5) 11/14/2001 MY016	10/17/2001 MY011	10/18/2001 MY011	10/18/2001 MY011	10/18/2001 MY011	5/13/2002 MY106	Dup. of MY05SS104(0-0.5)
EPH (mg/kg)									
C11-C22 AROMATICS	100	ND	ND	ND	ND	ND	NA	ND	ND
C19-C36 ALIPHATICS	100	ND	ND	16 J	ND	ND	NA	ND	7.8
C9-C18 ALIPHATICS	100	ND	ND	7 R	ND	ND	NA	ND	ND
Metals (mg/kg)									
ALUMINUM	76000	15400	14600	22100	17400	NA	NA	10900	10900
ANTIMONY	31	ND	ND	0.01 R	0.01 R	NA	NA	ND	ND
ARSENIC	22	7.9	7.2	12.5	8.9	NA	NA	9.4	9.6
BARIUM	5400	44.3	40.6	75.4	82.7	NA	NA	60.3	59.4
BERYLLIUM	150	0.63	0.6	0.86	0.79	NA	NA	0.65	0.54
BORON	5500	ND	1	5.4	5	NA	NA	ND	ND
CADMIUM	37	ND	ND	0.1	0.08	NA	NA	0.04 J	0.1
CALCIUM	*	1910	1890	2460	2030	NA	NA	1800	2260
CHROMIUM	210	26	24.2	47.3	40.3 J	NA	NA	19.7	22.5
COBALT	4700	7.6	7.2	14	11.4	NA	NA	5.6	6.4
COPPER	2900	11.4	11	25	25.6	NA	NA	17.4	18.5
IRON	23000	16300	15000	30100	27500	NA	NA	15900	22000
LEAD	400	14.9	14.1	14.6	10	NA	NA	12	16.3
MAGNESIUM	*	3450	3260	8260	7140	NA	NA	5490	5010
MANGANESE	1800	233	237	623	454	NA	NA	326	351
MERCURY	6.1	0.05	0.04	0.06	ND	NA	NA	ND	ND
MOLYBDENUM	390	ND	ND	1.1	0.7	NA	NA	ND	ND
NICKEL	*	18.1	17.1	38	31	NA	NA	15.9	22.8
POTASSIUM	*	1740	1550	5400	6120	NA	NA	2470 J	2400 J
SELENIUM	390	0.28 J	ND	ND	ND	NA	NA	ND	ND
SILVER	390	0.16 J	0.19 J	0.08	0.04	NA	NA	0.12 J	ND
SODIUM	*	ND	122	221 J	1480 J	NA	NA	128	155
THALLIUM	520	ND	ND	0.32	0.88	NA	NA	0.6 J	0.82 J
VANADIUM	550	33	30.3	47.4	43.7	NA	NA	21.2	19.8
ZINC	23000	44.2	41.8	73.9	68.4	NA	NA	69.5	85.4
PCBs (ug/kg)									
AROCLOR-1242	220	ND	ND	ND	ND	NA	NA	ND	ND
AROCLOR-1254	220	ND	ND	ND	ND	NA	NA	ND	ND
AROCLOR-1260	220	ND	ND	ND	ND	NA	NA	ND	ND
Pesticides (ug/kg)									
ALDRIN	29	ND	ND	ND	ND	NA	NA	ND	ND
DIELDRIN	30	ND	ND	ND	ND	NA	NA	ND	ND
SVOCs (ug/kg)									
3,3'-DICHLOROBENZIDINE	1100	ND	ND	ND	ND	NA	NA	ND	ND
3-NITROANILINE	*	ND	ND	ND	ND	NA	NA	ND	880 R
4-METHYLPHENOL	3100000	ND	ND	ND	ND	NA	NA	ND	ND
4-NITROANILINE	*	ND	ND	ND	ND	NA	NA	ND	ND
ANTHRACENE	2200000	ND	ND	ND	ND	NA	NA	ND	ND
BENZO(A)ANTHRACENE	620	ND	ND	ND	ND	NA	NA	ND	ND
BENZO(A)PYRENE	62	ND	ND	ND	ND	NA	NA	ND	ND

Table 4-18A
Study Area 5 - Northern Bailey Point Soil Analytical Results (345 kV Area)
Detected Compounds

Analyte	PAL	MY05SB51(0-0.5)	MY05SB56(0-0.5)	MY05SB52(0-0.5)	MY05SB52(14-16)	MY05SB52(2-14)	MY05SB52(6-8)	MY05SS104(0-0.5)	MY05SS98(0-0.5)
		Duplicates Date Collected Sample Delivery Group	11/14/2001 MY016	Dup. of MY05SB51(0-0.5) 11/14/2001 MY016	10/17/2001 MY011	10/18/2001 MY011	10/18/2001 MY011	10/18/2001 MY011	5/13/2002 MY106
BENZO(B)FLUORANTHENE	620	ND	ND	ND	ND	NA	NA	ND	ND
BENZO(K)FLUORANTHENE	6200	ND	ND	ND	ND	NA	NA	ND	ND
BENZO(G,H,I)PERYLENE	*	ND	ND	ND	ND	NA	NA	ND	ND
BIS(2-ETHYLHEXYL) PHTHALATE	35000	ND	250 J	ND	ND	NA	NA	ND	ND
CARBAZOLE	24000	ND	ND	ND	ND	NA	NA	ND	ND
CHRYSENE	62000	ND	ND	ND	ND	NA	NA	ND	ND
DIBENZO(A,H)ANTHRACENE	62	ND	ND	ND	ND	NA	NA	ND	ND
FLUORANTHENE	2300000	ND	ND	ND	ND	NA	NA	ND	ND
FLUORENE	2600000	ND	ND	ND	ND	NA	NA	ND	ND
INDENO(1,2,3-CD)PYRENE	620	ND	ND	ND	ND	NA	NA	ND	ND
PHENANTHRENE	*	ND	ND	ND	ND	NA	NA	ND	ND
PYRENE	2300000	230 J	ND	ND	ND	NA	NA	ND	ND
VOCs (ug/kg)									
2-BUTANONE	7300000	ND	ND	ND	17 R	NA	23 R	10 R	10 R
ACETONE	1600000	ND	ND	21	ND	NA	ND	ND	ND
CHLOROFORM	240	ND	ND	ND	ND	NA	ND	ND	ND
ETHYLBENZENE	230000	ND	ND	ND	ND	NA	ND	ND	ND
METHYLENE CHLORIDE	8900	ND	ND	ND	ND	NA	ND	ND	ND
TOLUENE	520000	ND	ND	ND	ND	NA	ND	ND	ND
TRICHLOROETHENE	2800	ND	ND	ND	ND	NA	ND	ND	ND
VINYL CHLORIDE	150	ND	ND	ND	ND	NA	ND	ND	ND
Other Compounds									
TOTAL SOLIDS (%)	*	75	76	86	87	68	75	93	93
TOTAL SOLIDS (VOA) (%)	*	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-18A
Study Area 5 - Northern Bailey Point Soil Analytical Results (345 kV Area)
Detected Compounds

Analyte	PAL	MY05SS105(0-0.5)	MY05SS106(0-0.5)	MY05SS107(0-0.5)	MY05SS108(0-0.5)	MY05SS109(0-0.5)	MY05SS110(0-0.5)	MY05SS111(0-0.5)	MY05SS150(0-0.5)
		6/27/2002 MY112	6/27/2002 MY112	6/27/2002 MY112	6/27/2002 MY112	6/27/2002 MY112	6/27/2002 MY112	6/26/2002 MY112	Dup. of MY05SS111(0-0.5) 6/26/2002 MY112
<i>EPH (mg/kg)</i>									
C11-C22 AROMATICS	100	ND	ND	ND	ND	ND	ND	ND	ND
C19-C36 ALIPHATICS	100	12 J	ND	16 J	ND	10 J	11 J	ND	ND
C9-C18 ALIPHATICS	100	ND	ND	ND	ND	ND	ND	ND	ND
<i>Metals (mg/kg)</i>									
ALUMINUM	76000	14000	16800	19600	16700	15200	12500	14700	16000
ANTIMONY	31	0.5 R	0.93 R	0.97 R	0.81 R	0.66 R	0.42 R	0.75 R	0.78 R
ARSENIC	22	12.9	11.5	12.3	11.6	15.1	8.7	10.8	11.1
BARIUM	5400	34.5	58.7	62.4	62.1	68.8	59.2	58.9	66
BERYLLIUM	150	ND	ND	1.1	0.86	0.78	ND	0.76	0.87
BORON	5500	15.4	10.7	21.7	5.9	3	2.3	5.1	9.1
CADMIUM	37	0.31	0.36	0.52	0.46	0.45	0.39	0.41	0.43
CALCIUM	*	9170 J	3250 J	4660 J	2230 J	1740 J	1690 J	2370 J	22500 J
CHROMIUM	210	37.3 J	47 J	48.8 J	40.8 J	34.8 J	30.5 J	36.5 J	39.1 J
COBALT	4700	6.3	8.3	10.4	10.9	9.6	7.8	9.6	9.4
COPPER	2900	13 J	18 J	19.9 J	17.9 J	18 J	24.5 J	19.1 J	42.2 J
IRON	23000	23200	28500	37200	27400	24200	19500	25200	29000
LEAD	400	10.4	12.4	15.9	10.7	12.2	20.4	9	13.9
MAGNESIUM	*	5740	8100	8120	7710	7250	5700	6940	6930
MANGANESE	1800	220	275	436	476	423	338	384	386
MERCURY	6.1	0.02 J	ND	0.03	0.06	ND	ND	0.02 J	0.03
MOLYBDENUM	390	ND	ND	ND	ND	ND	ND	ND	1.6
NICKEL	*	22.2	28.4	32.2	31.3	26.6	23	27.9	28.9
POTASSIUM	*	3320	4240	5170	4150	3690	3060	4460	4150
SELENIUM	390	0.59 J	ND	ND	ND	ND	ND	ND	ND
SILVER	390	ND	ND	ND	ND	ND	ND	ND	ND
SODIUM	*	261 J	311 J	340 J	257 J	144 J	140 J	266 J	538 J
THALLIUM	520	ND	ND	ND	1 J	0.98 J	ND	0.95 J	1.3 J
VANADIUM	550	38.2	41.8	49.1	38.9	36	27.8	35.5	40.1
ZINC	23000	47.6	62.3	83.7	63.1	68.2	58.5	56.2	66.1
<i>PCBs (ug/kg)</i>									
AROCLOR-1242	220	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR-1254	220	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR-1260	220	ND	ND	ND	ND	ND	ND	ND	ND
<i>Pesticides (ug/kg)</i>									
ALDRIN	29	ND	ND	ND	ND	ND	ND	ND	ND
DIELDRIN	30	ND	ND	ND	ND	ND	ND	ND	ND
<i>SVOCs (ug/kg)</i>									
3,3'-DICHLOROBENZIDINE	1100	ND	ND	ND	ND	ND	ND	ND	ND
3-NITROANILINE	*	ND	ND	ND	ND	ND	ND	ND	ND
4-METHYLPHENOL	3100000	ND	ND	ND	ND	ND	ND	ND	ND
4-NITROANILINE	*	ND	ND	ND	ND	ND	ND	ND	ND
ANTHRACENE	2200000	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(A)ANTHRACENE	620	ND	ND	ND	ND	ND	ND	ND	220 J
BENZO(A)PYRENE	62	ND	ND	ND	ND	ND	ND	ND	240 J

Table 4-18A
Study Area 5 - Northern Bailey Point Soil Analytical Results (345 kV Area)
Detected Compounds

Analyte	PAL	MY05SS105(0-0.5)	MY05SS106(0-0.5)	MY05SS107(0-0.5)	MY05SS108(0-0.5)	MY05SS109(0-0.5)	MY05SS110(0-0.5)	MY05SS111(0-0.5)	MY05SS150(0-0.5)
		6/27/2002 MY112	6/27/2002 MY112	6/27/2002 MY112	6/27/2002 MY112	6/27/2002 MY112	6/27/2002 MY112	6/26/2002 MY112	Dup. of MY05SS111(0-0.5) 6/26/2002 MY112
BENZO(B)FLUORANTHENE	620	ND	ND	ND	ND	ND	ND	ND	210 J
BENZO(k)FLUORANTHENE	6200	ND	ND	ND	ND	ND	ND	ND	ND
BENZO[G,H,I]PERYLENE	*	ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL) PHTHALATE	35000	ND	ND	ND	ND	ND	ND	ND	ND
CARBAZOLE	24000	ND	ND	ND	ND	ND	ND	ND	ND
CHRYSENE	62000	ND	ND	ND	ND	ND	ND	ND	230 J
DIBENZO(A,H)ANTHRACENE	62	ND	ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE	2300000	ND	ND	ND	ND	ND	ND	ND	320 J
FLUORENE	2600000	ND	ND	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	620	ND	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE	*	ND	ND	ND	ND	ND	ND	ND	210 J
PYRENE	2300000	ND	ND	ND	ND	ND	ND	ND	380 J
VOCs (ug/kg)									
2-BUTANONE	7300000	14 R	13 R	19 R	13 R	10 R	14 R	10 R	39 J
ACETONE	1600000	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROFORM	240	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	230000	ND	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	8900	ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	520000	ND	ND	ND	ND	ND	ND	3 J	ND
TRICHLOROETHENE	2800	ND	ND	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE	150	ND	ND	ND	ND	ND	ND	ND	ND
Other Compounds									
TOTAL SOLIDS (%)	*	70	75	66	82	96	84	84	84
TOTAL SOLIDS (VOA) (%)	*	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-18A
Study Area 5 - Northern Bailey Point Soil Analytical Results (345 kV Area)
Detected Compounds

Analyte	PAL	MY05SS112(0-0.5)	MY05SS113(0-0.5)	MY05SS151(0-0.5)	MY05SS114(0-0.5)	MY05SS115(0-0.5)	MY05SS116(0-0.5)	MY05SS117(0-0.5)	MY05SS118(0-0.5)	
		6/27/2002 MY114	6/27/2002 MY114	Dup. of MY05SS113(0-0.5) 6/27/2002 MY114	6/26/2002 MY112	6/26/2002 MY112	6/26/2002 MY112	6/26/2002 MY112	6/26/2002 MY112	
EPH (mg/kg)										
C11-C22 AROMATICS	100	ND	20	ND	ND	ND	ND	ND	ND	
C19-C36 ALIPHATICS	100	7.4 J	12 J	13 J	ND	ND	ND	12	ND	
C9-C18 ALIPHATICS	100	ND	ND	ND	ND	ND	ND	ND	ND	
Metals (mg/kg)										
ALUMINUM	76000	20400	17900	18500	20400	17200	16300	17500	18100	
ANTIMONY	31	0.8 R	0.85 R	0.79 R	0.79 R	0.79 R	0.75 R	0.77 R	0.71 R	
ARSENIC	22	11.7	9.6	9.8	13	11.4	10.4	12.6	10.9	
BARIUM	5400	71.2	72.9	75.9	76.2	67.7	63.8	78.1	59.7	
BERYLLIUM	150	0.65	0.63	0.64	ND	ND	ND	0.77	0.9	
BORON	5500	4.3 J	ND	4.4 J	3.7	4.1	6.1	4.3	9.3	
CADMIUM	37	ND	ND	ND	0.48	0.43	0.43	0.42	0.47	
CALCIUM	*	3530	2640	2940	1850 J	1980 J	2280 J	2310 J	2490 J	
CHROMIUM	210	46.3 J	37.7 J	42.5 J	46.7 J	40.3 J	38.9 J	42.1 J	42.4 J	
COBALT	4700	14.7	12.6	13.2	13.4	10.5	9.5	11.1	10.9	
COPPER	2900	25.3	32.2	28.4	20 J	19.6 J	18.1 J	26 J	19.6 J	
IRON	23000	31700	29000	28800	30400	27200	26500	28000	28400	
LEAD	400	11.9	10.5	11.7	13.4	10.9	9.1	10.6	11.2	
MAGNESIUM	*	8650	7190	7340	8100	7310	7490	8080	7900	
MANGANESE	1800	571	443	452	657	465	400	511	385	
MERCURY	6.1	ND	ND	ND	ND	ND	ND	ND	0.03	
MOLYBDENUM	390	ND	ND	ND	ND	ND	ND	ND	ND	
NICKEL	*	40.7	32.1	32.9	35.5	30.6	28.7	32.4	35.2	
POTASSIUM	*	5360	4720	5320	3980	3940	4740	4880	4800	
SELENIUM	390	ND	ND	ND	ND	ND	ND	ND	0.77 J	
SILVER	390	ND	ND	ND	ND	ND	ND	ND	ND	
SODIUM	*	207	196	226	163 J	155 J	177 J	249 J	303 J	
THALLIUM	520	ND	ND	ND	1.3 J	ND	ND	ND	ND	
VANADIUM	550	44.9	43.1	44.9	44.2	38.8	38.4	39.8	41.4	
ZINC	23000	69.9 J	67.1 J	69 J	70.1	62.2	60.7	65.1	75.9	
PCBs (ug/kg)										
AROCLOR-1242	220	ND	ND	ND	ND	ND	ND	ND	ND	
AROCLOR-1254	220	ND	ND	ND	ND	ND	ND	ND	ND	
AROCLOR-1260	220	ND	ND	ND	ND	ND	ND	ND	ND	
Pesticides (ug/kg)										
ALDRIN	29	ND	ND	ND	ND	ND	ND	ND	ND	
DIELDRIN	30	ND	ND	ND	ND	ND	ND	ND	ND	
SVOCs (ug/kg)										
3,3'-DICHLOROBENZIDINE	1100	ND	ND	ND	ND	ND	ND	ND	ND	
3-NITROANILINE	*	ND	ND	ND	ND	ND	ND	ND	ND	
4-METHYLPHENOL	3100000	ND	ND	ND	ND	ND	ND	ND	ND	
4-NITROANILINE	*	ND	ND	ND	ND	ND	ND	ND	ND	
ANTHRACENE	2200000	ND	ND	ND	ND	ND	ND	ND	ND	
BENZO(A)ANTHRACENE	620	ND	ND	ND	ND	ND	ND	ND	ND	
BENZO(A)PYRENE	62	ND	ND	ND	ND	ND	ND	ND	ND	

Table 4-18A
Study Area 5 - Northern Bailey Point Soil Analytical Results (345 kV Area)
Detected Compounds

Analyte	PAL	MY05SS112(0-0.5)	MY05SS113(0-0.5)	MY05SS151(0-0.5)	MY05SS114(0-0.5)	MY05SS115(0-0.5)	MY05SS116(0-0.5)	MY05SS117(0-0.5)	MY05SS118(0-0.5)
		6/27/2002 MY114	6/27/2002 MY114	Dup. of MY05SS113(0-0.5) 6/27/2002 MY114	6/26/2002 MY112	6/26/2002 MY112	6/26/2002 MY112	6/26/2002 MY112	6/26/2002 MY112
BENZO(B)FLUORANTHENE	620	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(k)FLUORANTHENE	6200	ND	ND	ND	ND	ND	ND	ND	ND
BENZO[G,H,I]PERYLENE	*	ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL) PHTHALATE	35000	ND	270 J	ND	ND	ND	ND	ND	ND
CARBAZOLE	24000	ND	ND	ND	ND	ND	ND	ND	ND
CHRYSENE	62000	ND	ND	ND	ND	ND	ND	ND	ND
DIBENZO(A,H)ANTHRACENE	62	ND	ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE	2300000	ND	240 J	ND	ND	ND	ND	ND	ND
FLUORENE	2600000	ND	ND	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	620	ND	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE	*	ND	ND	ND	ND	ND	ND	ND	ND
PYRENE	2300000	ND	250 J	220 J	ND	ND	ND	ND	ND
VOCs (ug/kg)									
2-BUTANONE	7300000	11 R	10 R	11 R	NA	NA	NA	NA	NA
ACETONE	1600000	ND	ND	ND	NA	NA	NA	NA	NA
CHLOROFORM	240	ND	ND	ND	NA	NA	NA	NA	NA
ETHYLBENZENE	230000	ND	ND	ND	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	8900	ND	ND	ND	NA	NA	NA	NA	NA
TOLUENE	520000	ND	ND	ND	NA	NA	NA	NA	NA
TRICHLOROETHENE	2800	ND	ND	ND	NA	NA	NA	NA	NA
VINYL CHLORIDE	150	ND	ND	ND	NA	NA	NA	NA	NA
Other Compounds									
TOTAL SOLIDS (%)	*	82	80	80	85	84	86	84	80
TOTAL SOLIDS (VOA) (%)	*	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-18A
Study Area 5 - Northern Bailey Point Soil Analytical Results (345 kV Area)
Detected Compounds

Analyte	PAL	MY05SS119(0-0.5)	MY05SS12(0-0.5)	MY05SS13(0-0.5)	MY05TP107A(9-11)	MY05TP110A(7-9)	MY05TP111A(9-11)	MY05TP113(7-9)	MY05TP115(7-9)	MY05TP136(7-9)
		Duplicates Date Collected Sample Delivery Group	6/26/2002 MY112	9/25/2001 MY004	9/25/2001 MY004	6/3/2002 MY110	6/4/2002 MY110	6/4/2002 MY110	6/5/2002 MY110	6/5/2002 MY110
<i>EPH (mg/kg)</i>										
C11-C22 AROMATICS	100	ND	NA	NA	190	64	73	60	ND	ND
C19-C36 ALIPHATICS	100	ND	NA	NA	450 J	200 J	310 J	560	26	25
C9-C18 ALIPHATICS	100	ND	NA	NA	33 J	120 J	ND	32	ND	ND
<i>Metals (mg/kg)</i>										
ALUMINUM	76000	14700	15800	15000	12000	14800	14000	12800	13700	14000
ANTIMONY	31	0.79 R	0.06 R	0.04 R	1.2 J	ND	1.9 J	2.2 J	ND	ND
ARSENIC	22	9.7	9.6	7	8.6	10.9	9.1	10.4	10.6	8.8
BARIUM	5400	49.1	66.1	48	118	113	88.6	71.7	61.6	66.2
BERYLLIUM	150	0.9	0.64	0.62	ND	ND	ND	ND	ND	ND
BORON	5500	8	ND	4.6	23.4	8.1	5.6	9.1	ND	ND
CADMIUM	37	0.38	0.5 J	ND	1.4	ND	1.6	0.64	ND	ND
CALCIUM	*	2640 J	2180	2520	32100	8230	8680	2420	1750	2310
CHROMIUM	210	36.4 J	36.3 J	33.6 J	162 J	45.2 J	46.5 J	36.7 J	31.5 J	34.5 J
COBALT	4700	8.6	11.8	12.1	8.6	9.2	8.6	9.8	11	12.5
COPPER	2900	14.6 J	19.3	20.1	62.7	65.6	69.1	92.7	18.2	22.9
IRON	23000	26000	24500	26100	42600	38500	25400	37400	24700	31300
LEAD	400	8.7	11.1	8.8	396	51.1	36.5	24.2	15.2	9.5
MAGNESIUM	*	6810	6600	6650	5680	5960	6320	5610	5970	6820
MANGANESE	1800	323	448	426	550	771	451	485	453	737
MERCURY	6.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
MOLYBDENUM	390	ND	ND	1	ND	ND	ND	ND	ND	ND
NICKEL	*	24.4	30.3	28.9	122	62.1	35.8	64.2	27	32.3
POTASSIUM	*	4480	3920	3530	2790	3790	3860	3460	3650	3940
SELENIUM	390	ND	ND	ND	ND	ND	ND	ND	ND	ND
SILVER	390	ND	ND	ND	0.31 J	0.85	ND	ND	ND	ND
SODIUM	*	290 J	126 J	128 J	822	601	464	488	463	519
THALLIUM	520	ND	ND	ND	ND	ND	ND	ND	ND	ND
VANADIUM	550	36.3	35.8	35.4	43.4	32.9	34.2	30.8	33.6	37
ZINC	23000	57.6	74.4 J	74.7 J	176 J	208 J	179 J	302 J	69.7 J	74.8 J
<i>PCBs (ug/kg)</i>										
AROCLOR-1242	220	ND	ND	ND	ND	ND	98	24	ND	ND
AROCLOR-1254	220	ND	ND	ND	ND	27	130	48	ND	ND
AROCLOR-1260	220	ND	ND	ND	52	ND	75 J	ND	ND	ND
<i>Pesticides (ug/kg)</i>										
ALDRIN	29	ND	ND	ND	ND	ND	ND	4.1	ND	ND
DIELDRIN	30	ND	ND	ND	7	4.5	ND	ND	ND	ND
<i>SVOCs (ug/kg)</i>										
3,3'-DICHLOROBENZIDINE	1100	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-NITROANILINE	*	ND	980 R	900 R	ND	980 R	1000 R	1000 R	ND	960 R
4-METHYLPHENOL	3100000	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-NITROANILINE	*	ND	ND	ND	ND	ND	ND	ND	ND	ND
ANTHRACENE	2200000	ND	440	ND	ND	ND	ND	ND	ND	ND
BENZO(A)ANTHRACENE	620	ND	1100	ND	380 J	ND	210 J	ND	ND	ND
BENZO(A)PYRENE	62	ND	860	ND	620	ND	470	ND	ND	ND

Table 4-18A
Study Area 5 - Northern Bailey Point Soil Analytical Results (345 kV Area)
Detected Compounds

Analyte	PAL	Duplicates Date Collected Sample Delivery Group	MY05SS119(0-0.5)	MY05SS12(0-0.5)	MY05SS13(0-0.5)	MY05TP107A(9-11)	MY05TP110A(7-9)	MY05TP111A(9-11)	MY05TP113(7-9)	MY05TP115(7-9)	MY05TP136(7-9)
			6/26/2002 MY112	9/25/2001 MY004	9/25/2001 MY004	6/3/2002 MY110	6/4/2002 MY110	6/4/2002 MY110	6/5/2002 MY110	6/5/2002 MY110	Dup. of MY05TP115(7-9) 6/5/2002 MY110
BENZO(B)FLUORANTHENE	620		ND	1100	ND	740	ND	480	ND	ND	ND
BENZO(k)FLUORANTHENE	6200		ND	350 J	ND	560	ND	420	ND	ND	ND
BENZO(G,H,I)PERYLENE	*		ND	360 J	ND	490	ND	350 J	ND	ND	ND
BIS(2-ETHYLHEXYL) PHTHALATE	35000		ND	ND	ND	ND	ND	1100	ND	ND	ND
CARBAZOLE	24000		ND	350 J	ND	ND	ND	ND	ND	ND	ND
CHRYSENE	62000		ND	1000	ND	360 J	ND	ND	ND	ND	ND
DIBENZO(A,H)ANTHRACENE	62		ND	ND	ND	ND	ND	420	ND	ND	ND
FLUORANTHENE	2300000		ND	2400	ND	680	ND	580	ND	ND	ND
FLUORENE	2600000		ND	200 J	ND	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	620		ND	440	ND	560	ND	410	ND	ND	ND
PHENANTHRENE	*		ND	1800	ND	380 J	ND	510	ND	ND	ND
PYRENE	2300000		ND	2200	ND	540	ND	420	ND	ND	ND
VOCs (ug/kg)											
2-BUTANONE	7300000		NA	ND	ND	12 R	10 R	11 R	11 R	10 R	10 R
ACETONE	1600000		NA	ND	ND	20	5 J	ND	11 J	ND	20
CHLOROFORM	240		NA	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	230000		NA	ND	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	8900		NA	ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	520000		NA	ND	ND	ND	ND	6	ND	5 J	ND
TRICHLOROETHENE	2800		NA	ND	ND	ND	ND	ND	ND	4 J	6 J
VINYL CHLORIDE	150		NA	ND	ND	ND	ND	10 J	24		29
Other Compounds											
TOTAL SOLIDS (%)	*		84	86	87	74	83	80	81	85	85
TOTAL SOLIDS (VOA) (%)	*		NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-18A
Study Area 5 - Northern Bailey Point Soil Analytical Results (345 kV Area)
Detected Compounds

Analyte	PAL	MY05TP116(6-8)	MY05TP118(13-15)	MY05TP125(6-8)	MY05TP129(7-9)	Duplicates
						Date Collected
		6/6/2002 MY110	6/6/2002 MY110	6/10/2002 MY110	6/10/2002 MY110	Sample Delivery Group
<i>EPH (mg/kg)</i>						
C11-C22 AROMATICS	100	ND	ND	ND	ND	
C19-C36 ALIPHATICS	100	24	8.6 J	59	55	
C9-C18 ALIPHATICS	100	11	ND	ND	13	
<i>Metals (mg/kg)</i>						
ALUMINUM	76000	19000	21300	18800	14100	
ANTIMONY	31	ND	ND	ND	ND	
ARSENIC	22	10.4	10.3	13.1	11.8	
BARIUM	5400	69.6	78.9	73.6	58	
BERYLLIUM	150	ND	ND	ND	ND	
BORON	5500	ND	ND	ND	8.7	
CADMIUM	37	ND	ND	ND	ND	
CALCIUM	*	2050	1400	2490	3370	
CHROMIUM	210	43.1 J	45.8 J	44.9 J	42.1 J	
COBALT	4700	12.3	12.8	12.3	10.4	
COPPER	2900	17	17.7	15.7	19.2	
IRON	23000	28400	29800	30900	21700	
LEAD	400	11.6	11.2	11.6	14.7	
MAGNESIUM	*	6920	7010	6830	6020	
MANGANESE	1800	463	550	534	348	
MERCURY	6.1	ND	ND	ND	ND	
MOLYBDENUM	390	ND	ND	ND	ND	
NICKEL	*	29.9	34	32.7	153	
POTASSIUM	*	3910	3900	4320	3770	
SELENIUM	390	1.3 J	ND	0.9 J	0.86 J	
SILVER	390	ND	ND	ND	ND	
SODIUM	*	449	ND	898	692	
THALLIUM	520	ND	ND	ND	ND	
VANADIUM	550	43.3	45.6	44.5	35.3	
ZINC	23000	63.4 J	62.2 J	196 J	70.7 J	
<i>PCBs (ug/kg)</i>						
AROCLOR-1242	220	ND	ND	ND	ND	
AROCLOR-1254	220	ND	ND	ND	ND	
AROCLOR-1260	220	ND	ND	ND	ND	
<i>Pesticides (ug/kg)</i>						
ALDRIN	29	ND	ND	ND	ND	
DIELDRIN	30	ND	ND	ND	ND	
<i>SVOCs (ug/kg)</i>						
3,3'-DICHLOROBENZIDINE	1100	420 R	ND	390 R	ND	
3-NITROANILINE	*	1000 R	1000 R	970 R	960 R	
4-METHYLPHENOL	3100000	ND	470	ND	ND	
4-NITROANILINE	*	ND	ND	970 R	ND	
ANTHRACENE	2200000	ND	ND	ND	ND	
BENZO(A)ANTHRACENE	620	ND	ND	ND	ND	
BENZO(A)PYRENE	62	ND	ND	ND	410	

Table 4-18A
Study Area 5 - Northern Bailey Point Soil Analytical Results (345 kV Area)
Detected Compounds

Analyte	PAL	Duplicates Date Collected Sample Delivery Group			
		MY05TP116(6-8) 6/6/2002 MY110	MY05TP118(13-15) 6/6/2002 MY110	MY05TP125(6-8) 6/10/2002 MY110	MY05TP129(7-9) 6/10/2002 MY110
BENZO(B)FLUORANTHENE	620	ND	ND	ND	410
BENZO(K)FLUORANTHENE	6200	ND	ND	ND	380 J
BENZO[G,H,I]PERYLENE	*	ND	ND	ND	310 J
BIS(2-ETHYLHEXYL) PHTHALATE	35000	ND	ND	ND	ND
CARBAZOLE	24000	ND	ND	ND	ND
CHRYSENE	62000	ND	ND	ND	ND
DIBENZO(A,H)ANTHRACENE	62	ND	ND	ND	ND
FLUORANTHENE	2300000	ND	ND	ND	460
FLUORENE	2600000	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	620	ND	ND	ND	360 J
PHENANTHRENE	*	ND	ND	ND	250 J
PYRENE	2300000	ND	ND	ND	250 J
VOCs (ug/kg)					
2-BUTANONE	7300000	12 R	35 J	10 R	10 R
ACETONE	1600000	30	93	27	31
CHLOROFORM	240	ND	ND	ND	ND
ETHYLBENZENE	230000	ND	3 J	ND	ND
METHYLENE CHLORIDE	8900	ND	4 J	ND	ND
TOLUENE	520000	10	76	3 J	5 J
TRICHLOROETHENE	2800	ND	ND	ND	ND
VINYL CHLORIDE	150	10 J	ND	ND	ND
Other Compounds					
TOTAL SOLIDS (%)	*	78	78	84	86
TOTAL SOLIDS (VOA) (%)	*	NA	NA	NA	NA

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-18B
Study Area 5 - Northern Bailey Point Soil Analytical Results (Pre-Op Basin)
Detected Compounds

Analyte	PAL	MY05SB42(0-0.5) 10/1/2001 MY009	MY05SB42(2-4) 10/1/2001 MY009	MY05SB42(4-6) 10/1/2001 MY009	MY05SB43(0-0.5) 10/1/2001 MY009	MY05SB43(2-4) 10/1/2001 MY009	MY05SB43(6-8) 10/1/2001 MY009	MY05SB53(8-10) Dup. of MY05SB43(6-8) 10/1/2001 MY009	MY05SB44(4.7-6.7) 9/27/2001 MY007	MY05SB44(10-12) 9/27/2001 MY007	MY05SB44(14-16) 9/27/2001 MY007	MY05SB44(6.7-14) 9/27/2001 MY007	Duplicates
													Date Collected
													Sample Delivery Group
EPH (mg/kg)													
C11-C22 AROMATICS	100	ND	ND	ND	24	ND	ND	ND	NA	NA	ND	110	
C19-C36 ALIPHATICS	100	7.4	7.5	12	8	ND	ND	ND	NA	NA	ND	ND	
C9-C18 ALIPHATICS	100	ND	ND	7.3 R	ND	ND	7.6 R	7.6 R	NA	NA	7.8 R	7.6 R	
Metals (mg/kg)													
ALUMINUM	76000	NA	NA	28200	NA	NA	27100	27700	29000	NA	26500	NA	
ANTIMONY	31	NA	NA	0.1	NA	NA	0.08	0.08	0.16 J	NA	0.11 J	NA	
ARSENIC	22	NA	NA	15.3	NA	NA	14.6	16.6	16	NA	12.4	NA	
BARIIUM	5400	NA	NA	92.1	NA	NA	97.2	96.5	97.5	NA	107	NA	
BERYLLIUM	150	NA	NA	0.89	NA	NA	0.79	0.84	1	NA	0.77	NA	
BORON	5500	NA	NA	5.4	NA	NA	3.1	3.2	ND	NA	ND	NA	
CADMIUM	37	NA	NA	ND	NA	NA	ND	ND	0.03	NA	0.1	NA	
CALCIUM	*	NA	NA	1910	NA	NA	2310	2230	2170	NA	3730	NA	
CHROMIUM	210	NA	NA	55.3 J	NA	NA	62.1 J	63.2 J	60.8	NA	62.2	NA	
COBALT	4700	NA	NA	17.9	NA	NA	18.8	17.6	17.8	NA	15	NA	
COPPER	2900	NA	NA	24 J	NA	NA	26.9 J	29.1 J	29.4	NA	25.6	NA	
IRON	23000	NA	NA	39300	NA	NA	38400	40000	40500	NA	36900	NA	
LEAD	400	NA	NA	14.1	NA	NA	14.5	15.2	13.9	NA	12.8	NA	
MAGNESIUM	*	NA	NA	9120	NA	NA	9760	9940	9100	NA	12000	NA	
MANGANESE	1800	NA	NA	745	NA	NA	737	825	802	NA	582	NA	
MERCURY	6.1	NA	NA	ND	NA	NA	ND	ND	0.01 J	NA	0.01 J	NA	
MOLYBDENUM	390	NA	NA	ND	NA	NA	ND	ND	1.2	NA	0.67	NA	
NICKEL	*	NA	NA	48.7	NA	NA	48.5	53.4	49.8	NA	48.4	NA	
POTASSIUM	*	NA	NA	4580	NA	NA	5880	5760	5870	NA	8470	NA	
SELENIUM	390	NA	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	
SILVER	390	NA	NA	ND	NA	NA	ND	ND	0.06	NA	0.07	NA	
SODIUM	*	NA	NA	390	NA	NA	204	192	441	NA	332	NA	
THALLIUM	520	NA	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	
VANADIUM	550	NA	NA	54.1	NA	NA	57.9	58.2	59.6	NA	56.3	NA	
ZINC	23000	NA	NA	73.4	NA	NA	78	82.4	78.2	NA	80.9	NA	
PCBs (ug/kg)													
		NA	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	
Pesticides (ug/kg)													
		NA	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	
SVOCs (ug/kg)													
		NA	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	
VOCs (ug/kg)													
2-BUTANONE	7300000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	
TRICHLOROETHENE	2800	5 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	
Other Compounds													
TOTAL SOLIDS (%)	*	82	81	82	78	81	78	79	80	78	77	79	

Notes:
PAL = Project Action Limit
* PAL Not Available
Bold values indicate an exceedence of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-18B
Study Area 5 - Northern Bailey Point Soil Analytical Results (Pre-Op Basin)
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group	PAL	MY05SB45(0-0.5)	MY05SB45(2-4)	MY05SB45(4-6)	MY05SB46(0-0.5)	MY05SB46(2-4)	MY05SB46(4-6)	MY05SB47(0-0.5)	MY05SB47(2-4)	MY05SB47(4-6)
			10/1/2001 MY009	10/1/2001 MY009	10/1/2001 MY009	10/2/2001 MY009	10/2/2001 MY009	10/2/2001 MY009	10/2/2001 MY009	10/3/2001 MY009	10/3/2001 MY009
EPH (mg/kg)											
C11-C22 AROMATICS		100	32	ND	ND	ND	ND	ND	NA	ND	ND
C19-C36 ALIPHATICS		100	11	7.9	ND	ND	ND	ND	NA	ND	ND
C9-C18 ALIPHATICS		100	ND	7.2 R	7.6 R	ND	ND	ND	NA	ND	ND
Metals (mg/kg)											
ALUMINUM		76000	NA	22400	28100	NA	NA	28400	22200	NA	9580
ANTIMONY		31	NA	0.02 J	0.05	NA	NA	0.05	0.02 J	NA	ND
ARSENIC		22	NA	10.8	15.3	NA	NA	16.2	8.4	NA	7.9
BARIUM		5400	NA	74.9	93.7	NA	NA	106	75.7	NA	35.7
BERYLLIUM		150	NA	0.75	0.86	NA	NA	0.86	0.78	NA	0.39
BORON		5500	NA	3.5	4.4	NA	NA	3.1	ND	NA	ND
CADMIUM		37	NA	ND	ND	NA	NA	ND	0.3	NA	ND
CALCIUM		*	NA	1500	2020	NA	NA	2190	1450	NA	685
CHROMIUM		210	NA	43.5 J	58.5 J	NA	NA	63.2 J	39.2 J	NA	15.9 J
COBALT		4700	NA	11.9	17.7	NA	NA	16.8	10.5	NA	5
COPPER		2900	NA	16.9 J	25.3 J	NA	NA	27 J	14.2 J	NA	11.1 J
IRON		23000	NA	28200	38900	NA	NA	39400	24700	NA	12100
LEAD		400	NA	15.4	14.5	NA	NA	14	29.4	NA	4.4
MAGNESIUM		*	NA	6400	9160	NA	NA	9700	5740	NA	2790
MANGANESE		1800	NA	590	796	NA	NA	807	740	NA	260
MERCURY		6.1	NA	ND	ND	NA	NA	ND	0.08	NA	ND
MOLYBDENUM		390	NA	ND	ND	NA	NA	ND	ND	NA	ND
NICKEL		*	NA	32.4	49.3	NA	NA	50.1	31.8	NA	14
POTASSIUM		*	NA	3410	5060	NA	NA	5760	2050	NA	1360
SELENIUM		390	NA	ND	ND	NA	NA	ND	ND	NA	ND
SILVER		390	NA	ND	ND	NA	NA	ND	ND	NA	ND
SODIUM		*	NA	123	193	NA	NA	362	93.5	NA	67.6
THALLIUM		520	NA	ND	ND	NA	NA	ND	ND	NA	ND
VANADIUM		550	NA	44.8	56.4	NA	NA	59.8	39.8	NA	17.8
ZINC		23000	NA	68.3	76	NA	NA	76.9	466	NA	24.2
PCBs (ug/kg)											
			NA	ND	ND	NA	NA	ND	ND	NA	ND
Pesticides (ug/kg)											
			NA	ND	ND	NA	NA	ND	ND	NA	ND
SVOCs (ug/kg)											
			NA	ND	ND	NA	NA	ND	ND	NA	ND
VOCs (ug/kg)											
2-BUTANONE		7300000	ND	ND	ND	160	ND	ND	ND	ND	ND
TRICHLOROETHENE		2800	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other Compounds											
TOTAL SOLIDS (%)		*	79	83	79	74	80	80	77	82	82

Notes:

PAL = Project Action Limit
 * PAL Not Available
 Bold values indicate an exceedence of the PAL
 J = Estimated Value
 R = Rejected Value
 ND = Compound(s) Not Detected
 NA = Compound(s) Not Analyzed

Table 4-18C
Study Area 5 - Northern Bailey Point Soil Analytical Results
(Former Truck Maintenance Garage)
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group	PAL	MY05TP104(7-9) 6/18/2002 MY112	MY05TP106(7-9) Dup. of MY05TP104(7-9) 6/18/2002 MY112	MY05TP104(9-10) 6/18/2002 MY112
EPH (mg/kg)					
C11-C22 AROMATICS		100	130	160	ND
C19-C36 ALIPHATICS		100	300	240	ND
C9-C18 ALIPHATICS		100	2400	2000	ND
Metals (mg/kg)					
ALUMINUM		76000	15700	14100	5000
ANTIMONY		31	0.41 R	0.38 R	0.38 R
ARSENIC		22	10	9.8	4.9
BARIUM		5400	61	51.1	19.7
BERYLLIUM		150	ND	ND	ND
BORON		5500	ND	ND	ND
CADMIUM		37	0.12	0.13	0.07
CALCIUM		*	932 J	581 J	761 J
CHROMIUM		210	31.3 J	25.9 J	11.9 J
COBALT		4700	8.9	6.7	3.9
COPPER		2900	16.5	15.1	6.6
IRON		23000	20000	17700	8610
LEAD		400	7.8	6.7	3.4
MAGNESIUM		*	5760	4550	2430
MANGANESE		1800	408	304	153
MERCURY		6.1	ND	ND	ND
MOLYBDENUM		390	ND	ND	ND
NICKEL		*	25.5	20.7	8.7
POTASSIUM		*	2870 J	2310 J	1370 J
SELENIUM		390	ND	ND	ND
SILVER		390	ND	ND	ND
SODIUM		*	99	81.5	57.8
THALLIUM		520	0.84 J	0.56 J	ND
VANADIUM		550	31.1	26.8	12.7
ZINC		23000	37.6	31	15.8
PCBs (ug/kg)					
			ND	ND	ND
Pesticides (ug/kg)					
			ND	ND	ND
SVOCs (ug/kg)					
BIS(2-ETHYLHEXYL) PHTHALATE		35000	ND	370 J	ND
VOCs (ug/kg)					
2-BUTANONE		7300000	11 R	11 R	13 R
METHYLENE CHLORIDE		8900	10 J	7 J	10 J
Other Compounds					
TOTAL SOLIDS (%)		*	83	83	82

Notes:

PAL = Project Action Limit

* PAL Not Available

Bold values indicate an exceedence of the PAL

J = Estimated Value

R = Rejected Value

ND = Compound(s) Not Detected

NA = Compound(s) Not Analyzed

Table 4-19
Study Area 5 - Northern Bailey Point Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Date Collected Sample Delivery Group	PAL	MY05GW115 MW-413 6/19/2002 MY111	MY05GW115-1C MW-413 9/25/2002 MY120	MY05GW150 MW-413 Dup. of MY05GW115-1C 9/25/2002 MY120	MY05GW116 MW-414 6/19/2002 MY111	MY05GW116-1C MW-414 9/26/2002 MY120	MY05GW117 MW-415 6/24/2002 MY111
EPH/DRO (ug/l)								
DIESEL RANGE ORGANICS		50	2000 J	2100 J	1300 J	450	940	410 J
EPH		50	NA	NA	NA	NA	NA	NA
Metals (ug/l)								
ALUMINUM		1430	333	152	137	204	749	79 J
ARSENIC		10	4.7	7.4	5.9	ND	ND	5.8
BARIUM		2000	45.1	65.7	64.4	139	174	48.7
BERYLLIUM		73	ND	ND	ND	ND	ND	ND
BORON		630	48.9	74.8 J	78 J	50.1	70.7 J	2450
CADMIUM		3.5	ND	ND	ND	ND	0.17	ND
CALCIUM		*	50600	61200	60200	140000	192000	677000
CHROMIUM		40	ND	ND	ND	ND	ND	2.4
COBALT		2200	14.9	ND	ND	31.2	27.5	60.8 J
COPPER		1300	ND	1.1 J	1.4 J	ND	3.6 J	ND
IRON		11000	35000	53500 J	53100 J	1900	20800 J	241000
LEAD		10	ND	ND	ND	ND	0.36 J	ND
MAGNESIUM		*	15900	16900	16600	85500	123000	516000
MANGANESE		500	4180	3530	3440	17200	18400	27200
MERCURY		2	0.02 J	ND	ND	0.06	ND	ND
MOLYBDENUM		35	ND	ND	ND	ND	ND	ND
NICKEL		140	16.1 J	12.7 J	11.3 J	19.9 J	19.2 J	ND
POTASSIUM		*	6460	6440	6920	5140	5840	115000
SELENIUM		35	ND	ND	ND	ND	ND	ND
SILVER		35	ND	ND	ND	ND	ND	ND
SODIUM		20000	36200	30800 J	30900 J	87400	109000 J	2340000
THALLIUM		2.4	ND	ND	ND	ND	ND	ND
VANADIUM		260	ND	ND	ND	ND	ND	ND
ZINC		2000	12.2	2.7 J	3.4	5.1	8.2	27.8
PCBs (ug/l)								
			NA	NA	NA	NA	NA	NA
Pesticides (ug/l)								
HEPTACHLOR		0.08	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)								
2,4,5-TRICHLOROPHENOL		*	NA	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL		32	NA	NA	NA	NA	NA	NA
2,4-DICHLOROPHENOL		21	NA	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL		730	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL		14	NA	NA	NA	NA	NA	NA
2-CHLOROPHENOL		35	NA	NA	NA	NA	NA	NA
2-METHYLPHENOL		1800	NA	NA	NA	NA	NA	NA
2-NITROPHENOL		60	NA	NA	NA	NA	NA	NA
4,6-DINITRO-2-METHYLPHENOL		*	NA	NA	NA	NA	NA	NA
4-CHLORO-3-METHYLPHENOL		*	NA	NA	NA	NA	NA	NA
4-METHYLPHENOL		3.5	NA	NA	NA	NA	NA	NA
4-NITROPHENOL		60	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE		25	NA	NA	NA	NA	NA	NA
PENTACHLOROPHENOL		3	NA	NA	NA	NA	NA	NA
PHENOL		4000	NA	NA	NA	NA	NA	NA
VOCs (ug/l)								
1,1-DICHLOROETHANE		70	NA	NA	NA	NA	NA	NA
ACETONE		700	NA	NA	NA	NA	NA	NA
CHLOROMETHANE		3	NA	NA	NA	NA	NA	NA
TOLUENE		1400	NA	NA	NA	NA	NA	NA
Other Compounds								
NITRATE (mg/l)		10	NA	NA	NA	NA	NA	NA

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-19
Study Area 5 - Northern Bailey Point Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Date Collected Sample Delivery Group	PAL	MY05GW117-1C MW-415 9/30/2002 MY122	MY05GW118 MW-416 6/20/2002 MY111	MY05GW118-1C MW-416 9/26/2002 MY120	MY05GW126 MW-424A 9/26/2002 MY120	MY05GW127 MW-424B 9/25/2002 MY120	MY05GW128 MW-425 9/24/2002 MY120	MY05GW15 MW-313 12/10/2001 MY023
EPH/DRO (ug/l)									
DIESEL RANGE ORGANICS		50	96	100	140	51	65	150	NA
EPH		50	NA	NA	NA	NA	NA	NA	ND
Metals (ug/l)									
ALUMINUM		1430	76.5	176 J	165	NA	NA	NA	ND
ARSENIC		10	ND	ND	7.7 J	NA	NA	NA	ND
BARIUM		2000	38.4	56.6 J	72.5	NA	NA	NA	29.7
BERYLLIUM		73	0.44 J	ND	ND	NA	NA	NA	ND
BORON		630	2050	464 J	523	NA	NA	NA	62.8
CADMIUM		3.5	1.2	ND	ND	NA	NA	NA	0.32
CALCIUM		*	580000	114000 J	192000	NA	NA	NA	43500
CHROMIUM		40	ND	ND	ND	NA	NA	NA	1.8
COBALT		2200	31.5	3.1 J	15.2	NA	NA	NA	1.7
COPPER		1300	8	ND	1.9 J	NA	NA	NA	1.6
IRON		11000	25900	16700 J	69700 J	NA	NA	NA	ND
LEAD		10	0.17 J	ND	ND	NA	NA	NA	ND
MAGNESIUM		*	255000	34700 J	76800	NA	NA	NA	27000
MANGANESE		500	10500	4360 J	16200	NA	NA	NA	1240
MERCURY		2	ND	ND	ND	NA	NA	NA	0.03 J
MOLYBDENUM		35	ND	ND	3.5 J	NA	NA	NA	1.6
NICKEL		140	68.7	ND	13.6 J	NA	NA	NA	4.3
POTASSIUM		*	74700	16200 J	17500	NA	NA	NA	5060
SELENIUM		35	ND	ND	ND	NA	NA	NA	ND
SILVER		35	ND	ND	ND	NA	NA	NA	ND
SODIUM		20000	1130000	143000 J	195000 J	NA	NA	NA	71000
THALLIUM		2.4	0.61	ND	ND	NA	NA	NA	2.9
VANADIUM		260	ND	ND	ND	NA	NA	NA	1
ZINC		2000	41.4	5.4 J	6	NA	NA	NA	ND
PCBs (ug/l)									
			NA	NA	NA	NA	NA	NA	ND
Pesticides (ug/l)									
HEPTACHLOR		0.08	NA	NA	NA	NA	NA	NA	ND
SVOCs (ug/l)									
2,4,5-TRICHLOROPHENOL		*	NA	NA	NA	NA	NA	NA	ND
2,4,6-TRICHLOROPHENOL		32	NA	NA	NA	NA	NA	NA	ND
2,4-DICHLOROPHENOL		21	NA	NA	NA	NA	NA	NA	ND
2,4-DIMETHYLPHENOL		730	NA	NA	NA	NA	NA	NA	ND
2,4-DINITROPHENOL		14	NA	NA	NA	NA	NA	NA	ND
2-CHLOROPHENOL		35	NA	NA	NA	NA	NA	NA	ND
2-METHYLPHENOL		1800	NA	NA	NA	NA	NA	NA	ND
2-NITROPHENOL		60	NA	NA	NA	NA	NA	NA	ND
4,6-DINITRO-2-METHYLPHENOL		*	NA	NA	NA	NA	NA	NA	ND
4-CHLORO-3-METHYLPHENOL		*	NA	NA	NA	NA	NA	NA	ND
4-METHYLPHENOL		3.5	NA	NA	NA	NA	NA	NA	ND
4-NITROPHENOL		60	NA	NA	NA	NA	NA	NA	ND
BIS(2-ETHYLHEXYL) PHTHALATE		25	NA	NA	NA	NA	NA	NA	ND
PENTACHLOROPHENOL		3	NA	NA	NA	NA	NA	NA	ND
PHENOL		4000	NA	NA	NA	NA	NA	NA	ND
VOCs (ug/l)									
1,1-DICHLOROETHANE		70	NA	NA	NA	NA	NA	NA	ND
ACETONE		700	NA	NA	NA	NA	NA	NA	ND
CHLOROMETHANE		3	NA	NA	NA	NA	NA	NA	ND
TOLUENE		1400	NA	NA	NA	NA	NA	NA	ND
Other Compounds									
NITRATE (mg/l)		10	NA	NA	NA	NA	NA	NA	0.37

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedance of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-19
Study Area 5 - Northern Bailey Point Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Date Collected Sample Delivery Group	PAL	MY05GW15-1B MW-313 7/3/02 & 7/11/02 MY113	MY05GW15-1C MW-313 7/8/2002 MY115	MY05GW16 MW-314 12/3/2001 MY021	MY05GW26 MW-314 Dup. of MY05GW16 12/3/2001 MY021	MY05GW16-1B MW-314 7/8/2002 MY115	MY05GW17 MW-315 11/19/2001 MY017
EPH/DRO (ug/l)								
DIESEL RANGE ORGANICS		50	4500	78	NA	NA	130	NA
EPH		50	NA	NA	180	210	NA	270
Metals (ug/l)								
ALUMINUM		1430	NA	NA	29.8 J	22.8 J	NA	40.7 J
ARSENIC		10	NA	NA	3.2 J	ND	NA	ND
BARIUM		2000	NA	NA	159	162	NA	222
BERYLLIUM		73	NA	NA	ND	ND	NA	ND
BORON		630	NA	NA	ND	ND	NA	60.8
CADMIUM		3.5	NA	NA	ND	ND	NA	ND
CALCIUM		*	NA	NA	59500	59800	NA	115000
CHROMIUM		40	NA	NA	1.9	1.8	NA	ND
COBALT		2200	NA	NA	7.2 J	9.1	NA	13.9
COPPER		1300	NA	NA	ND	2.4 J	NA	2 J
IRON		11000	NA	NA	130	112	NA	87.6
LEAD		10	NA	NA	ND	ND	NA	ND
MAGNESIUM		*	NA	NA	41600	41800	NA	86200
MANGANESE		500	NA	NA	5610	5730	NA	8160
MERCURY		2	NA	NA	ND	ND	NA	ND
MOLYBDENUM		35	NA	NA	ND	ND	NA	ND
NICKEL		140	NA	NA	10.7 J	9.9 J	NA	ND
POTASSIUM		*	NA	NA	5260	5170	NA	6800
SELENIUM		35	NA	NA	ND	ND	NA	3.04 R
SILVER		35	NA	NA	ND	0.05	NA	ND
SODIUM		20000	NA	NA	40000	40000	NA	73000
THALLIUM		2.4	NA	NA	ND	ND	NA	ND
VANADIUM		260	NA	NA	ND	ND	NA	ND
ZINC		2000	NA	NA	ND	ND	NA	ND
PCBs (ug/l)								
			NA	NA	ND	ND	NA	ND
Pesticides (ug/l)								
HEPTACHLOR		0.08	ND	ND	ND	ND	ND	0.52
SVOCs (ug/l)								
2,4,5-TRICHLOROPHENOL		*	NA	NA	ND	ND	NA	ND
2,4,6-TRICHLOROPHENOL		32	NA	NA	ND	ND	NA	ND
2,4-DICHLOROPHENOL		21	NA	NA	ND	ND	NA	ND
2,4-DIMETHYLPHENOL		730	NA	NA	ND	ND	NA	ND
2,4-DINITROPHENOL		14	NA	NA	ND	ND	NA	ND
2-CHLOROPHENOL		35	NA	NA	ND	ND	NA	ND
2-METHYLPHENOL		1800	NA	NA	ND	ND	NA	ND
2-NITROPHENOL		60	NA	NA	ND	ND	NA	ND
4,6-DINITRO-2-METHYLPHENOL		*	NA	NA	ND	ND	NA	ND
4-CHLORO-3-METHYLPHENOL		*	NA	NA	ND	ND	NA	ND
4-METHYLPHENOL		3.5	NA	NA	ND	ND	NA	ND
4-NITROPHENOL		60	NA	NA	ND	ND	NA	ND
BIS(2-ETHYLHEXYL) PHTHALATE		25	NA	NA	ND	ND	NA	ND
PENTACHLOROPHENOL		3	NA	NA	ND	ND	NA	ND
PHENOL		4000	NA	NA	ND	ND	NA	ND
VOCs (ug/l)								
1,1-DICHLOROETHANE		70	NA	NA	ND	ND	NA	ND
ACETONE		700	NA	NA	ND	ND	NA	3 J
CHLOROMETHANE		3	NA	NA	ND	ND	NA	ND
TOLUENE		1400	NA	NA	0.5 J	ND	NA	2
Other Compounds								
NITRATE (mg/l)		10	NA	NA	ND	ND	NA	ND

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-19
Study Area 5 - Northern Bailey Point Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Date Collected Sample Delivery Group	PAL	MY05GW17-1B MW-315 7/8/2002 MY115	MY05GW18 MW-316 12/6/2001 MY021	MY05GW18-1B MW-316 7/17/2002 MY115	MY05GW53-1B MW-316 Dup. of MY05GW18-1B 7/17/2002 MY115	MY05GW18-1C MW-316 9/25/2002 MY120	MY05GW11 MW-309 11/28/2001 MY021	
EPH/DRO (ug/l)									
DIESEL RANGE ORGANICS		50	300	NA	220		190	200	NA
EPH		50	NA	400	NA		NA	NA	420 J
Metals (ug/l)									
ALUMINUM		1430	NA	ND	NA		NA	NA	70.5
ARSENIC		10	NA	ND	NA		NA	NA	9.3
BARIUM		2000	NA	6	NA		NA	NA	165
BERYLLIUM		73	NA	ND	NA		NA	NA	ND
BORON		630	NA	15.7	NA		NA	NA	308
CADMIUM		3.5	NA	ND	NA		NA	NA	ND
CALCIUM		*	NA	8790	NA		NA	NA	305000
CHROMIUM		40	NA	1.4	NA		NA	NA	4
COBALT		2200	NA	ND	NA		NA	NA	ND
COPPER		1300	NA	ND	NA		NA	NA	ND
IRON		11000	NA	ND	NA		NA	NA	39100
LEAD		10	NA	ND	NA		NA	NA	ND
MAGNESIUM		*	NA	6080	NA		NA	NA	170000
MANGANESE		500	NA	ND	NA		NA	NA	13500
MERCURY		2	NA	0.03 J	NA		NA	NA	0.04 J
MOLYBDENUM		35	NA	ND	NA		NA	NA	ND
NICKEL		140	NA	ND	NA		NA	NA	ND
POTASSIUM		*	NA	984	NA		NA	NA	11900
SELENIUM		35	NA	ND	NA		NA	NA	ND
SILVER		35	NA	ND	NA		NA	NA	ND
SODIUM		20000	NA	8730	NA		NA	NA	346000
THALLIUM		2.4	NA	ND	NA		NA	NA	ND
VANADIUM		260	NA	ND	NA		NA	NA	ND
ZINC		2000	NA	ND	NA		NA	NA	ND
PCBs (ug/l)									
			NA	ND	NA		NA	NA	ND
Pesticides (ug/l)									
HEPTACHLOR		0.08	ND	ND	ND		ND	NA	ND
SVOCs (ug/l)									
2,4,5-TRICHLOROPHENOL		*	NA	ND	25 R		25 R	ND	ND
2,4,6-TRICHLOROPHENOL		32	NA	ND	10 R		10 R	ND	ND
2,4-DICHLOROPHENOL		21	NA	ND	10 R		10 R	ND	ND
2,4-DIMETHYLPHENOL		730	NA	ND	10 R		10 R	ND	ND
2,4-DINITROPHENOL		14	NA	ND	25 R		25 R	ND	ND
2-CHLOROPHENOL		35	NA	ND	10 R		10 R	ND	ND
2-METHYLPHENOL		1800	NA	ND	10 R		10 R	ND	ND
2-NITROPHENOL		60	NA	ND	10 R		10 R	ND	ND
4,6-DINITRO-2-METHYLPHENOL		*	NA	ND	25 R		25 R	ND	ND
4-CHLORO-3-METHYLPHENOL		*	NA	ND	10 R		10 R	ND	ND
4-METHYLPHENOL		3.5	NA	ND	10 R		10 R	ND	ND
4-NITROPHENOL		60	NA	ND	25 R		25 R	ND	ND
BIS(2-ETHYLHEXYL) PHTHALATE		25	NA	ND	ND		ND	ND	ND
PENTACHLOROPHENOL		3	NA	ND	25 R		25 R	ND	ND
PHENOL		4000	NA	ND	10 R		10 R	ND	ND
VOCs (ug/l)									
1,1-DICHLOROETHANE		70	NA	ND	ND		ND	ND	ND
ACETONE		700	NA	2 J	ND		ND	ND	ND
CHLOROMETHANE		3	NA	ND	ND		ND	ND	ND
TOLUENE		1400	NA	ND	ND		ND	ND	ND
Other Compounds									
NITRATE (mg/l)		10	NA	1.3	2.6		2.6	NA	ND

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-19
Study Area 5 - Northern Bailey Point Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Duplicates Date Collected Sample Delivery Group	PAL	MY05GW11-1B MW-309 7/2/2002 MY113	MY05GW19 MW-319 11/27/2001 MY021	MY05GW19-1B MW-319 7/2/2002 MY113	MY05GW20 MW-320 11/28/2001 MY021	MY05GW20-1B MW-320 7/2/2002 MY113	MY05GW23 MW-323 12/11/2001 MY023	MY05GW23-1B MW-323 7/9/2002 MY113
EPH/DRO (ug/l)									
DIESEL RANGE ORGANICS		50	230	NA	120	NA	220	NA	350
EPH		50	NA	240	NA	590	NA	540	NA
Metals (ug/l)									
ALUMINUM		1430	70.3	25 J		96.3	166	98.1	86.4
ARSENIC		10	3.2 J	3.5 J	15.3	5.7	ND	12.5 J	ND
BARIUM		2000	194	25.2	16.9	266	119	145	49.7
BERYLLIUM		73	ND	ND	ND	ND	ND	1.2 J	ND
BORON		630	294	188	103	144	56.2	1280	1530
CADMIUM		3.5	ND	ND	ND	0.26 J	ND	ND	ND
CALCIUM		*	379000	104000	70000	86800	147000	681000	677000
CHROMIUM		40	3.3	1.6	ND	7.4	ND	12.9	5.3
COBALT		2200	ND	ND	ND	40	32.3	49	17.9 J
COPPER		1300	ND	ND	ND	2 J	ND	ND	ND
IRON		11000	49300	4630	8190	8190	1380	34600	543000
LEAD		10	2.4	ND	ND	ND	ND	ND	ND
MAGNESIUM		*	299000	21000	14900	74500	134000	592000	718000
MANGANESE		500	13900	1580	952	14200	16700	41300	41800
MERCURY		2	ND	0.04 J	ND	0.04 J	ND	ND	ND
MOLYBDENUM		35	ND	ND	ND	ND	ND	11.1	ND
NICKEL		140	ND	ND	ND	21.8	20.6 J	23 J	49.8 J
POTASSIUM		*	12500	6830	6870	13500	7900	90000	109000
SELENIUM		35	ND	ND	ND	ND	ND	21.6 J	ND
SILVER		35	ND	ND	ND	ND	ND	ND	ND
SODIUM		20000	524000	66700	29100	205000	238000	3440000	4280000
THALLIUM		2.4	ND	ND	ND	ND	ND	ND	ND
VANADIUM		260	ND	ND	ND	ND	ND	ND	ND
ZINC		2000	ND	ND	ND	ND	ND	6.4 J	21.7
PCBs (ug/l)									
			NA	ND	NA	ND	NA	ND	NA
Pesticides (ug/l)									
HEPTACHLOR		0.08	NA	ND	NA	ND	NA	ND	NA
SVOCs (ug/l)									
2,4,5-TRICHLOROPHENOL		*	NA	ND	NA	ND	NA	ND	NA
2,4,6-TRICHLOROPHENOL		32	NA	ND	NA	ND	NA	ND	NA
2,4-DICHLOROPHENOL		21	NA	ND	NA	ND	NA	ND	NA
2,4-DIMETHYLPHENOL		730	NA	ND	NA	ND	NA	ND	NA
2,4-DINITROPHENOL		14	NA	ND	NA	ND	NA	ND	NA
2-CHLOROPHENOL		35	NA	ND	NA	ND	NA	ND	NA
2-METHYLPHENOL		1800	NA	ND	NA	ND	NA	ND	NA
2-NITROPHENOL		60	NA	ND	NA	ND	NA	ND	NA
4,6-DINITRO-2-METHYLPHENOL		*	NA	ND	NA	ND	NA	ND	NA
4-CHLORO-3-METHYLPHENOL		*	NA	ND	NA	ND	NA	ND	NA
4-METHYLPHENOL		3.5	NA	ND	NA	ND	NA	ND	NA
4-NITROPHENOL		60	NA	ND	NA	ND	NA	ND	NA
BIS(2-ETHYLHEXYL) PHTHALATE		25	NA	ND	NA	ND	NA	ND	NA
PENTACHLOROPHENOL		3	NA	ND	NA	ND	NA	ND	NA
PHENOL		4000	NA	ND	NA	ND	NA	ND	NA
VOCs (ug/l)									
1,1-DICHLOROETHANE		70	NA	ND	NA	ND	NA	0.9 J	NA
ACETONE		700	NA	ND	NA	ND	NA	4 J	NA
CHLOROMETHANE		3	NA	2 J	NA	ND	NA	ND	NA
TOLUENE		1400	NA	ND	NA	0.6 J	NA	ND	NA
Other Compounds									
NITRATE (mg/l)		10	NA	0.1	NA	ND	NA	0.1	NA

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-19
Study Area 5 - Northern Bailey Point Groundwater Analytical Results
Detected Compounds

Analyte	PAL	MY05GW52-1B MW-323 Dup. of MY05GW23-1B	MY05GW21 MW-321 11/27/2001 MY021	MY05GW21-1B MW-321 7/8/2002 MY115	MY05GW22 MW-322 12/4/2001 MY021	MY05GW22-1B MW-322 7/8/2002 MY115
EPH/DRO (ug/l)						
DIESEL RANGE ORGANICS	50	320	NA	63	NA	620
EPH	50	NA	310	NA	760	NA
Metals (ug/l)						
ALUMINUM	1430	NA	298	NA	295	NA
ARSENIC	10	NA	ND	NA	ND	NA
BARIUM	2000	NA	39.5	NA	129	NA
BERYLLIUM	73	NA	ND	NA	ND	NA
BORON	630	NA	11.6	NA	12.4	NA
CADMIUM	3.5	NA	ND	NA	ND	NA
CALCIUM	*	NA	28900	NA	115000	NA
CHROMIUM	40	NA	ND	NA	1.7	NA
COBALT	2200	NA	ND	NA	13	NA
COPPER	1300	NA	ND	NA	2.9 J	NA
IRON	11000	NA	309	NA	4110	NA
LEAD	10	NA	ND	NA	3.8	NA
MAGNESIUM	*	NA	10400	NA	66300	NA
MANGANESE	500	NA	609	NA	11500	NA
MERCURY	2	NA	ND	NA	ND	NA
MOLYBDENUM	35	NA	ND	NA	1.6	NA
NICKEL	140	NA	6.5 J	NA	ND	NA
POTASSIUM	*	NA	1720	NA	5810	NA
SELENIUM	35	NA	ND	NA	ND	NA
SILVER	35	NA	ND	NA	ND	NA
SODIUM	20000	NA	41000	NA	78300	NA
THALLIUM	2.4	NA	ND	NA	3.3	NA
VANADIUM	260	NA	ND	NA	ND	NA
ZINC	2000	NA	ND	NA	ND	NA
PCBs (ug/l)						
		NA	ND	NA	ND	NA
Pesticides (ug/l)						
HEPTACHLOR	0.08	NA	ND	NA	ND	NA
SVOCs (ug/l)						
2,4,5-TRICHLOROPHENOL	*	NA	ND	NA	ND	NA
2,4,6-TRICHLOROPHENOL	32	NA	ND	NA	ND	NA
2,4-DICHLOROPHENOL	21	NA	ND	NA	ND	NA
2,4-DIMETHYLPHENOL	730	NA	ND	NA	ND	NA
2,4-DINITROPHENOL	14	NA	ND	NA	ND	NA
2-CHLOROPHENOL	35	NA	ND	NA	ND	NA
2-METHYLPHENOL	1800	NA	ND	NA	ND	NA
2-NITROPHENOL	60	NA	ND	NA	ND	NA
4,6-DINITRO-2-METHYLPHENOL	*	NA	ND	NA	ND	NA
4-CHLORO-3-METHYLPHENOL	*	NA	ND	NA	ND	NA
4-METHYLPHENOL	3.5	NA	ND	NA	ND	NA
4-NITROPHENOL	60	NA	ND	NA	ND	NA
BIS(2-ETHYLHEXYL) PHTHALATE	25	NA	7 J	NA	ND	NA
PENTACHLOROPHENOL	3	NA	ND	NA	ND	NA
PHENOL	4000	NA	ND	NA	ND	NA
VOCs (ug/l)						
1,1-DICHLOROETHANE	70	NA	ND	NA	ND	NA
ACETONE	700	NA	ND	NA	ND	NA
CHLOROMETHANE	3	NA	2	NA	ND	NA
TOLUENE	1400	NA	ND	NA	0.7 J	NA
Other Compounds						
NITRATE (mg/l)	10	NA	3	ND	2.6	ND

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-20
Study Area 5 - Bailey Farm House Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB25(0-0.5)	MY05SB25(2-8)	MY05SB25(4-6)	MY05SB25(8-10)	MY05SB54(0-0.5)	Duplicates
							Date Collected
		10/2/2001 MY009	10/4/2001 MY009	10/2/2001 MY009	10/3/2001 MY009	11/5/2001 MY016	
EPH (mg/kg)							
C11-C22 AROMATICS	100	NA	ND	NA	ND	NA	
C19-C36 ALIPHATICS	100	NA	ND	NA	ND	NA	
C9-C18 ALIPHATICS	100	NA	ND	NA	ND	NA	
Metals (mg/kg)							
ALUMINUM	76000	23200	12300	NA	8320	6930	
ANTIMONY	31	0.08	ND	NA	ND	0.02 J	
ARSENIC	22	7.2	8.2	NA	6.4	3.1	
BARIUM	5400	100	45	NA	30.9	28.4	
BERYLLIUM	150	0.75	0.5	NA	0.4	0.24	
BORON	5500	ND	ND	NA	ND	0.52 J	
CADMIUM	37	0.24	ND	NA	ND	ND	
CALCIUM	*	2290	750	NA	615	945	
CHROMIUM	210	40.5 J	21.5 J	NA	13.9 J	ND	
COBALT	4700	10.6	6.4	NA	4.9	4	
COPPER	2900	48.9 J	14.9 J	NA	10.2 J	11.3	
IRON	23000	24300	14600	NA	10900	8780	
LEAD	400	62.2	9	NA	4.2	4	
MAGNESIUM	*	5610	3580	NA	2610	2380	
MANGANESE	1800	522	276	NA	246	169	
MERCURY	6.1	0.51	0.06	NA	ND	ND	
NICKEL	*	28.7	16.7	NA	11.7	9.7	
POTASSIUM	*	2270	2060	NA	1490	1840	
SILVER	390	ND	ND	NA	ND	ND	
SODIUM	*	141	107	NA	109	ND	
THALLIUM	520	ND	ND	NA	ND	0.1	
VANADIUM	550	39.1	23.1	NA	16.4	15.1	
ZINC	23000	154	36.4	NA	23.4	22.7	
PCBs (ug/kg)							
AROCLOR-1260	220	ND	ND	NA	ND	ND	
Pesticides (ug/kg)							
4,4'-DDD	2400	ND	ND	NA	ND	ND	
4,4'-DDE	1700	ND	ND	NA	ND	ND	
4,4'-DDT	1700	ND	ND	NA	ND	ND	
ALDRIN	29	ND	ND	NA	ND	ND	
ALPHA BHC	*	ND	ND	NA	ND	ND	
ALPHA-CHLORDANE	1600	ND	ND	NA	ND	ND	
BETA BHC	*	ND	ND	NA	ND	ND	
DELTA BHC	*	ND	ND	NA	ND	ND	
DIELDRIN	30	ND	ND	NA	ND	ND	
ENDOSULFAN I	370000	ND	ND	NA	ND	ND	
ENDOSULFAN II	370000	ND	ND	NA	ND	ND	
ENDOSULFAN SULFATE	370000	ND	ND	NA	ND	ND	
ENDRIN	18000	ND	ND	NA	ND	ND	
ENDRIN ALDEHYDE	18000	ND	ND	NA	ND	ND	
ENDRIN KETONE	18000	ND	ND	NA	ND	ND	
GAMMA BHC	*	ND	ND	NA	ND	ND	
GAMMA-CHLORDANE	1600	ND	ND	NA	ND	ND	
HEPTACHLOR	110	ND	ND	NA	ND	ND	
HEPTACHLOR EPOXIDE	53	ND	ND	NA	ND	ND	
METHOXYCHLOR	310000	ND	ND	NA	ND	ND	
TOXAPHENE	440	ND	ND	NA	ND	ND	
SVOCs (ug/kg)							
FLUORANTHENE	2300000	ND	ND	NA	ND	ND	
PYRENE	2300000	ND	ND	NA	ND	ND	
VOCs (ug/kg)							
2-BUTANONE	7300000	ND	NA	ND	ND	ND	
ACETONE	1600000	ND	NA	ND	ND	10 R	
METHYLENE CHLORIDE	8900	ND	NA	ND	ND	ND	
Other Compounds							
TOTAL SOLIDS (%)	*	85	94	91	91	86	

Notes:
PAL = Project Action Limit
* PAL Not Available
Bold values indicate an exceedence of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-20
Study Area 5 - Bailey Farm House Soil Analytical Results
Detected Compounds

Analyte	PAL	MY05SB55(0-0.5) Dup. of MY05SB54(0-0.5) 11/5/2001 MY016	MY05SB54(2-4) 11/5/2001 MY016	MY05SB54(6-8) 11/5/2001 MY016	MY05SS76 9/26/2001 MY006	MY05TP101(4-4.5) 6/19/2002 MY112	MY05TP102(4-5) 6/19/2002 MY112
EPH (mg/kg)							
C11-C22 AROMATICS	100	NA	29 J	ND	190	ND	ND
C19-C36 ALIPHATICS	100	NA	400 J	ND	190	ND	10 J
C9-C18 ALIPHATICS	100	NA	48 J	ND	490 J	ND	11 J
Metals (mg/kg)							
ALUMINUM	76000	9120	15200	26000	NA	NA	NA
ANTIMONY	31	0.02 J	ND	0.09	NA	NA	NA
ARSENIC	22	3.9	4	13.4	NA	NA	NA
BARIUM	5400	35.3	109	91.5	NA	NA	NA
BERYLLIUM	150	0.31	0.35	0.76	NA	NA	NA
BORON	5500	0.4 J	ND	2.5	NA	NA	NA
CADMIUM	37	ND	0.08	ND	NA	NA	NA
CALCIUM	*	1440	7520 J	2830 J	NA	NA	NA
CHROMIUM	210	ND	ND	ND	NA	NA	NA
COBALT	4700	5.5	18.2	15.6	NA	NA	NA
COPPER	2900	13.8	70.4	26	NA	NA	NA
IRON	23000	12300	31400	36800	NA	NA	NA
LEAD	400	5.4	5.3	12	NA	NA	NA
MAGNESIUM	*	3710	5660	9790	NA	NA	NA
MANGANESE	1800	219	333 J	616 J	NA	NA	NA
MERCURY	6.1	0.01 J	ND	ND	NA	NA	NA
NICKEL	*	13.2	42.7	46.5	NA	NA	NA
POTASSIUM	*	2130	6220	6180	NA	NA	NA
SILVER	390	ND	0.07	ND	NA	NA	NA
SODIUM	*	ND	ND	ND	NA	NA	NA
THALLIUM	520	0.11	0.26	0.3	NA	NA	NA
VANADIUM	550	19.6	43	55.6	NA	NA	NA
ZINC	23000	29.9	61.6 J	78.4 J	NA	NA	NA
PCBs (ug/kg)							
AROCLOR-1260	220	ND	49 J	ND	NA	37	59
Pesticides (ug/kg)							
4,4'-DDD	2400	3.8 R	ND	ND	NA	NA	NA
4,4'-DDE	1700	3.8 R	ND	ND	NA	NA	NA
4,4'-DDT	1700	3.8 R	ND	ND	NA	NA	NA
ALDRIN	29	2 R	ND	ND	NA	NA	NA
ALPHA BHC	*	2 R	ND	ND	NA	NA	NA
ALPHA-CHLORDANE	1600	2 R	ND	ND	NA	NA	NA
BETA BHC	*	2 R	ND	ND	NA	NA	NA
DELTA BHC	*	2 R	ND	ND	NA	NA	NA
DIELDRIN	30	3.8 R	ND	ND	NA	NA	NA
ENDOSULFAN I	370000	2 R	ND	ND	NA	NA	NA
ENDOSULFAN II	370000	3.8 R	ND	ND	NA	NA	NA
ENDOSULFAN SULFATE	370000	3.8 R	ND	ND	NA	NA	NA
ENDRIN	18000	3.8 R	ND	ND	NA	NA	NA
ENDRIN ALDEHYDE	18000	3.8 R	ND	ND	NA	NA	NA
ENDRIN KETONE	18000	3.8 R	ND	ND	NA	NA	NA
GAMMA BHC	*	2 R	ND	ND	NA	NA	NA
GAMMA-CHLORDANE	1600	2 R	ND	ND	NA	NA	NA
HEPTACHLOR	110	2 R	ND	ND	NA	NA	NA
HEPTACHLOR EPOXIDE	53	2 R	ND	ND	NA	NA	NA
METHOXYCHLOR	310000	20 R	ND	ND	NA	NA	NA
TOXAPHENE	440	38 R	ND	ND	NA	NA	NA
SVOCs (ug/kg)							
FLUORANTHENE	2300000	200 J	ND	ND	NA	NA	NA
PYRENE	2300000	220 J	ND	ND	NA	NA	NA
VOCs (ug/kg)							
2-BUTANONE	7300000	ND	ND	ND	NA	43 J	24 R
ACETONE	1600000	11 R	33 R	10 R	NA	140 J	
METHYLENE CHLORIDE	8900	ND	ND	ND	NA	22 J	23 J
Other Compounds							
TOTAL SOLIDS (%)	*	87	86	77	90	76	76

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-20
Study Area 5 - Bailey Farm House Soil Analytical Results
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group	PAL	MY05TP103(4-5) 6/19/2002 MY112
EPH (mg/kg)			
C11-C22 AROMATICS		100	ND
C19-C36 ALIPHATICS		100	18
C9-C18 ALIPHATICS		100	ND
Metals (mg/kg)			
ALUMINUM		76000	NA
ANTIMONY		31	NA
ARSENIC		22	NA
BARIUM		5400	NA
BERYLLIUM		150	NA
BORON		5500	NA
CADMIUM		37	NA
CALCIUM		*	NA
CHROMIUM		210	NA
COBALT		4700	NA
COPPER		2900	NA
IRON		23000	NA
LEAD		400	NA
MAGNESIUM		*	NA
MANGANESE		1800	NA
MERCURY		6.1	NA
NICKEL		*	NA
POTASSIUM		*	NA
SILVER		390	NA
SODIUM		*	NA
THALLIUM		520	NA
VANADIUM		550	NA
ZINC		23000	NA
PCBs (ug/kg)			
AROCLOR-1260		220	40
Pesticides (ug/kg)			
4,4'-DDD		2400	NA
4,4'-DDE		1700	NA
4,4'-DDT		1700	NA
ALDRIN		29	NA
ALPHA BHC		*	NA
ALPHA-CHLORDANE		1600	NA
BETA BHC		*	NA
DELTA BHC		*	NA
DIELDRIN		30	NA
ENDOSULFAN I		370000	NA
ENDOSULFAN II		370000	NA
ENDOSULFAN SULFATE		370000	NA
ENDRIN		18000	NA
ENDRIN ALDEHYDE		18000	NA
ENDRIN KETONE		18000	NA
GAMMA BHC		*	NA
GAMMA-CHLORDANE		1600	NA
HEPTACHLOR		110	NA
HEPTACHLOR EPOXIDE		53	NA
METHOXYCHLOR		310000	NA
TOXAPHENE		440	NA
SVOCs (ug/kg)			
FLUORANTHENE		2300000	NA
PYRENE		2300000	NA
VOCs (ug/kg)			
2-BUTANONE		7300000	19 R
ACETONE		1600000	
METHYLENE CHLORIDE		8900	16 J
Other Compounds			
TOTAL SOLIDS (%)		*	73

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-21
Study Area 5 - Bailey Farm House Groundwater Analytical Results
Detected Compounds

Analyte	Well Number Date Collected Sample Delivery Group	PAL	MY05GW12 MW-310 11/26/2001 MY021	MY05GW28 MW-324 12/10/2001 MY023
<i>EPH (ug/l)</i>				
EPH		50	130	ND
<i>Metals (ug/l)</i>				
ALUMINUM		1430	24.2 J	409
BARIUM		2000	34.2	24.4
BORON		630	66.1	ND
CALCIUM		*	13200	20600
CHROMIUM		40	ND	1.5
COBALT		2200	ND	0.78
COPPER		1300	ND	0.58 J
IRON		11000	538	5180
MAGNESIUM		*	4490	8740
MANGANESE		500	230	1110
MERCURY		2	ND	0.04 J
MOLYBDENUM		35	ND	1
NICKEL		140	11.7	1.6
POTASSIUM		*	2220	3620
SODIUM		20000	13900	14800
THALLIUM		2.4	ND	0.98
VANADIUM		260	ND	1.2
<i>PCBs (ug/l)</i>				
			ND	ND
<i>Pesticides (ug/l)</i>				
			ND	ND
<i>SVOCs (ug/l)</i>				
			ND	ND
<i>VOCs (ug/l)</i>				
ACETONE		700	3 J	ND
<i>Other Compounds</i>				
NITRATE (mg/l)		10	0.67	0.05

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-22A
Study Area 5 - Marine Sediment Analytical Results
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group	PAL	MY05SD01** 11/29/2001 MYR003	MY05SD32** Dup. of MY05SD01 11/29/2001 MYR003	MY05SD03** 10/24/2001 MYR003	MY05SD09 10/25/2001 MY014	MY05SD10 10/25/2001 MY014	MY05SD11 10/25/2001 MY014	MY05SD31 Dup. of MY05SD11 10/25/2001 MY014	MY05SD12 10/24/2001 MY014	MY05SD13 10/24/2001 MY014	MY05SD14 10/24/2001 MY014	MY05SD16 10/16/2001 MY014
EPH (mg/kg)													
C11-C22 AROMATICS	*		ND	ND	ND	84 J	ND	ND	89 J	44 J	ND	ND	72
C19-C36 ALIPHATICS	*		ND	ND	ND	64 J	62 J	53 J	90 J	27 J	42 J	43 J	ND
C9-C18 ALIPHATICS	*		ND	ND	ND	ND	ND	ND	ND	ND	20 J	ND	ND
Metals (mg/kg)													
ALUMINUM	*		10700	12300	27300	17700	19700	21300	17600	13000	21400	20700	16700
ANTIMONY	2		0.08 J	0.09 R	0.09 R	ND	ND	ND	ND	0.03	0.02	0.04	ND
ARSENIC	8.2		7.5 J	8.3 J	14.4 J	10.6	11.5	11.7	10.8	10.3	11.2	18.8	10.5
BARIUM	*		60.2	61.7	63.3	44.5	46.6	55.5	43.7	26.3	48.4	48.7	40
BERYLLIUM	*		0.67	0.69	1.8	0.83 J	0.87 J	0.94 J	0.83 J	0.46	0.76	0.77	0.83
BORON	*		22.8	22.8	81.9	35.1	34.4	37.7	33.6	60.2	43.4	41.6	26.6
CADMIUM	1.2		0.11	0.16	0.59	0.2	0.19	0.18	0.16	0.19	0.17	0.17	ND
CALCIUM	*		5780 J	25800 J	10500 J	5250	4040	3320	2790	2540	2700	2780	2400
CHROMIUM	81		39.3 J	38.8 J	68.7 J	55.2	57.1	61	54.5	33.3	58.8	67.2	50
COBALT	*		7.5	8.4	14.1	8.5	8.8	8.9	8.2	5.1	8.6	9	9.2
COPPER	34		209 J	88.1 J	61.1 J	18.8	18.7	19.3	17.6	15	23	35	18.7
IRON	*		59200 J	51700 J	40900 J	25200	26600	27600	24700	17400	27100	27900	27100
LEAD	46.7		20.1	22	47	27	27.7	28.8	26	18.6	29.7	29.8	23.8
MAGNESIUM	*		4980	5630	17400	9220	9140	9550	8530	7030	8940	9000	8320
MANGANESE	*		250	263	354	246	266	277	238	209	290	277	291
MERCURY	0.15		0.28 J	1.6 J	0.21 J	0.26	0.23	0.23	0.22	0.15	0.22	0.23	0.23
MOLYBDENUM	*		2.8 J	2.2 J	7 J	ND	1.5	1.2	1.6	2.2	1.1	1.3	ND
NICKEL	20.9		25.5	23.5	43.5	28.3	29.2	29.7	27.4	17.7	29	29.8	28.4
POTASSIUM	*		3260 J	3890 J	7070 J	4230 J	4190 J	4760 J	3960 J	3200	4790	4760	4590
SELENIUM	*		ND	0.4	0.49	ND	ND	ND	ND	ND	ND	0.63 J	0.73 J
SILVER	1		0.09	0.1	0.3	0.34	0.27	0.28	0.28	0.27	0.22	0.23	0.19 J
SODIUM	*		2940 J	3990 J	34300 J	13200 J	9670 J	11400 J	9530 J	16700 J	13800 J	11100 J	9470 J
THALLIUM	*		ND	0.8	0.97	ND	ND	0.23	0.18	ND	ND	ND	0.18
VANADIUM	*		40.1	40.5	73	45.2	47.2	51.6	45.6	34	51.5	53.2	45
ZINC	150		213	230	300	78.1 J	80.7 J	80.4 J	74.1 J	61.4	88	92.3	81.2
PCBs (ug/kg)													
PCB-1254	22.7		22.5	32.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	22.7		ND	ND	40.6 J	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides (ug/kg)													
4,4'-DDE	2.2		ND	ND	6.9 J	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	1.58		ND	ND	7.28 J	ND	ND	ND	ND	ND	ND	ND	ND
ALPHA BHC	*		ND	ND	ND	ND	6.1 J	ND	ND	ND	ND	ND	ND

Table 4-22A
Study Area 5 - Marine Sediment Analytical Results
Detected Compounds

Analyte	PAL	MY05SD01** 11/29/2001 MYR003	MY05SD32** Dup. of MY05SD01 11/29/2001 MYR003	MY05SD03** 10/24/2001 MYR003	MY05SD09 10/25/2001 MY014	MY05SD10 10/25/2001 MY014	MY05SD11 10/25/2001 MY014	MY05SD31 Dup. of MY05SD11 10/25/2001 MY014	MY05SD12 10/24/2001 MY014	MY05SD13 10/24/2001 MY014	MY05SD14 10/24/2001 MY014	MY05SD16 10/16/2001 MY014	Duplicates
													Date Collected
Sample Delivery Group													
SVOCs (ug/kg)													
2-METHYLNAPHTHALENE	70	ND	4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-NITROANILINE	*	ND	ND	ND	2000 R	1800 R	2000 R	1600 R	ND	ND	ND	ND	ND
4-METHYLPHENOL	*	ND	ND	450	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHENE	16	16 J	23 J	7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHYLENE	44	4 J	3 J	8 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
ANTHRACENE	85	57 J	28 J	14 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(A)ANTHRACENE	261	500	350 J	93 J	110	96	100	120	140	180	140	140	100
BENZO(A)PYRENE	430	370 J	340 J	110 J	110	110	100	120	100	190	140	140	140
BENZO(B)FLUORANTHENE	*	380 J	410 J	170 J	170	ND	ND	170	150	250	230	190	190
BENZO(K)FLUORANTHENE	*	330 J	290 J	110 J	35 J	55	41 J	41	53 J	60	61 J	46	46
BENZO[G,H,I]PERYLENE	*	230 J	220 J	100 J	69	75	63	65	54	120	92	80	80
BIS(2-ETHYLHEXYL) PHTHALATE	*	340	290	1200	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHRYSENE	384	450 J	470 J	140 J	110	94	90	110	90	170	140	92	92
DIBENZO(A,H)ANTHRACENE	63	24 J	38 J	15 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE	600	1100 J	1000 J	100 J	170	210	200	180	150	270	310	160	160
FLUORENE	19	18 J	50 J	23 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	*	260 J	250 J	120 J	100	95	84	100	76	170	140	110	110
NAPHTHALENE	160	3 J	11 J	3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
NITROBENZENE	*	ND	ND	100 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE	240	340 J	400 J	140 J	66	48 J	78 J	90 J	45 J	88	99	48	48
PYRENE	665	840 J	800 J	91 J	170 J	130	120	160	190	300	200 J	160	160
VOCs (ug/kg)													
ACETONE	*	620 J	ND	2600	1000 J	1100 J	980 J	1000 J	ND	ND	ND	ND	ND
BROMOMETHANE	*	ND	ND	ND	480 J	470 J	420 J	ND	ND	ND	ND	ND	ND
M-,P-XYLENE	*	ND	ND	ND	ND	ND	ND	ND	380 J	600 J	550 J	ND	ND
METHYLENE CHLORIDE	*	ND	ND	ND	ND	ND	ND	ND	370 J	360 J	ND	ND	ND
Other Compounds													
TOTAL SOLIDS (%)	*	ND	ND	ND	40	46	42	49	37	41	44	49	49
TOTAL SOLIDS (VOA) (%)	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48	48

Notes:
PAL = Project Action Limit
* PAL Not Available
Bold values indicate an exceedence of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed
** Sediment removed and disposed offsite

Table 4-22B
Study Area 5 - Freshwater Sediment Analytical Results
Detected Compounds

Analyte	PAL	MY05SD15 10/16/2001 MY014	MY05SD17 10/29/2001 MY014	MY05SD18 10/29/2001 MY014	MY05SD19 10/25/2001 MY014	MY05SD30 Dup. of MY05SD19 10/25/2001 MY014	MY05SD20 10/25/2001 MY014	MY05SS09 11/8/2001 MY016	MY05SS15 Dup. of MY05SS09 11/8/2001 MY016	Duplicates
										Date Collected
Sample Delivery Group										
EPH (mg/kg)										
C11-C22 AROMATICS	*	ND	ND	210	ND	ND	ND	NA	NA	
C19-C36 ALIPHATICS	*	ND	ND	ND	ND	ND	29 J	NA	NA	
C9-C18 ALIPHATICS	*	ND	ND	ND	ND	ND	ND	NA	NA	
Metals (mg/kg)										
ALUMINUM	*	18900	21500	24400	29600	33400	28800	34700 J	36600 J	
ANTIMONY	*	0.16	ND	ND	ND	ND	ND	0.16 R	0.18 R	
ARSENIC	*	14.9	13.3	14.1	14.3	14.4	16.5	30.5 J	32.7 J	
BARIUM	*	110	83.7	110	122	141	126	173 J	180 J	
BERYLLIUM	*	1.2	0.89	1.3	1.2 J	1.3 J	1.1 J	1.7 J	1.8 J	
BORON	*	5.5	4.8	4	7.4	8.9	5.2	3.5 J	3.2 R	
CADMIUM	*	0.15	ND	0.35	0.09	0.08	ND	0.56 R	0.56 R	
CALCIUM	*	2660	2600	2740	3540	3610	5010	3350 J	3640 J	
CHROMIUM	*	41.4	46.8	46.6	58.9	65.6	62.8	63.5 J	67.1 J	
COBALT	*	16.6	14.5	16.3	17.4	18	18.3	30.8 J	32.8 J	
COPPER	*	19.8	18.8	23.9	22.2	24.3	27.3	41.3 J	40.6 J	
IRON	*	39800	31500	29900	38200	39800	40600	102000 J	119000 J	
LEAD	*	12.9	12.2	22.9	16.2	16.6	16.8	45.2 J	48.3 J	
MAGNESIUM	*	7120	7900	7160	9710	10500	10800	8900 J	9450 J	
MANGANESE	*	1130	868	544	764	746	815	1150 J	1230 J	
MERCURY	*	ND	ND	0.09	0.02	0.03	0.02	0.18 J	0.17 J	
MOLYBDENUM	*	0.79	0.71	1.3	ND	ND	ND	1.3 R	1.5 J	
NICKEL	*	42.2	39.4	42	48.2	50	54.3	52.2 J	55.1 J	
POTASSIUM	*	4110	4450	3650	4860 J	5510 J	5710 J	4240 J	4310 J	
SELENIUM	*	0.68 J	ND	0.95 J	ND	ND	ND	1.2 J	1.3 J	
SILVER	*	0.25	0.27	0.2	0.25	0.18	0.23	0.53 J	0.62 J	
SODIUM	*	264 J	185 J	318 J	ND	228 J	269 J	202 R	204 R	
THALLIUM	*	0.2	0.19	0.24	0.62	0.38	ND	0.31 R	0.32 R	
VANADIUM	*	50.4	50	52.4	62.4	69.7	61.2	92.9 J	97.3 J	
ZINC	*	214	122	162	116 J	114 J	170 J	177 J	195 J	
PCBs (ug/kg)										
PCB-1016	*	ND	ND	ND	ND	ND	ND	18 R	18 R	
PCB-1221	*	ND	ND	ND	ND	ND	ND	18 R	18 R	
PCB-1232	*	ND	ND	ND	ND	ND	ND	18 R	18 R	
PCB-1242	*	ND	ND	ND	ND	ND	ND	18 R	18 R	
PCB-1248	*	ND	ND	ND	ND	ND	ND	18 R	18 R	
PCB-1254	*	ND	ND	ND	ND	ND	ND	18 R	18 R	
PCB-1260	*	ND	ND	ND	ND	ND	ND	18 R	18 R	
Pesticides (ug/kg)										
4,4'-DDD	*	ND	ND	ND	ND	ND	ND	18 R	18 R	
4,4'-DDE	*	ND	ND	ND	ND	ND	ND	18 R	18 R	
4,4'-DDT	*	ND	ND	ND	ND	ND	ND	18 R	18 R	
ALDRIN	*	ND	ND	ND	ND	ND	ND	9 R	9.3 R	
ALPHA BHC	*	ND	ND	ND	ND	ND	ND	9 R	9.3 R	
ALPHA-CHLORDANE	*	ND	ND	ND	ND	ND	ND	9 R	9.3 R	
BETA BHC	*	ND	ND	ND	ND	ND	ND	9 R	9.3 R	

Table 4-22B
Study Area 5 - Freshwater Sediment Analytical Results
Detected Compounds

Analyte	PAL	MY05SD15 10/16/2001 MY014	MY05SD17 10/29/2001 MY014	MY05SD18 10/29/2001 MY014	MY05SD19 10/25/2001 MY014	MY05SD30 Dup. of MY05SD19 10/25/2001 MY014	MY05SD20 10/25/2001 MY014	MY05SS09 11/8/2001 MY016	MY05SS15 Dup. of MY05SS09 11/8/2001 MY016
DELTA BHC	*	ND	ND	ND	ND	ND	ND	9 R	9.3 R
DIELDRIN	*	ND	ND	ND	ND	ND	ND	18 R	18 R
ENDOSULFAN I	*	ND	ND	ND	ND	ND	ND	9 R	9.3 R
ENDOSULFAN II	*	ND	ND	ND	ND	ND	ND	18 R	18 R
ENDOSULFAN SULFATE	*	ND	ND	ND	ND	ND	ND	18 R	18 R
ENDRIN	*	ND	ND	ND	ND	ND	ND	18 R	18 R
ENDRIN ALDEHYDE	*	ND	ND	ND	ND	ND	ND	18 R	18 R
ENDRIN KETONE	*	ND	ND	ND	ND	ND	ND	18 R	18 R
GAMMA BHC	*	ND	ND	ND	ND	ND	ND	9 R	9.3 R
GAMMA-CHLORDANE	*	ND	ND	ND	ND	ND	ND	9 R	9.3 R
HEPTACHLOR	*	ND	ND	ND	ND	ND	ND	9 R	9.3 R
HEPTACHLOR EPOXIDE	*	ND	ND	ND	ND	ND	ND	9 R	9.3 R
METHOXYCHLOR	*	ND	ND	ND	ND	ND	ND	90 R	93 R
TOXAPHENE	*	ND	ND	ND	ND	ND	ND	180 R	180 R
SVOCs (ug/kg)									
1,2,4-TRICHLOROENZENE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
1,2-DICHLOROENZENE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
1,3-DICHLOROENZENE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
1,4-DICHLOROENZENE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
2,2'-OXYBIS(1-CHLOROPROPANE)	*	ND	ND	ND	ND	ND	ND	460 R	500 R
2,4,5-TRICHLOROPHENOL	*	ND	ND	ND	ND	ND	ND	1100 R	1200 R
2,4,6-TRICHLOROPHENOL	*	ND	ND	ND	ND	ND	ND	460 R	500 R
2,4-DICHLOROPHENOL	*	ND	ND	ND	ND	ND	ND	460 R	500 R
2,4-DIMETHYLPHENOL	*	ND	ND	ND	ND	ND	ND	460 R	500 R
2,4-DINITROPHENOL	*	ND	ND	ND	ND	ND	ND	1100 R	1200 R
2,4-DINITROTOLUENE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
2,6-DINITROTOLUENE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
2-CHLORONAPHTHALENE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
2-CHLOROPHENOL	*	ND	ND	ND	ND	ND	ND	460 R	500 R
2-METHYLNAPHTHALENE	*	ND	ND	ND	ND	ND	ND	150 R	150 R
2-METHYLPHENOL	*	ND	ND	ND	ND	ND	ND	460 R	500 R
2-NITROANILINE	*	ND	ND	ND	ND	ND	ND	1100 R	1200 R
2-NITROPHENOL	*	ND	ND	ND	ND	ND	ND	460 R	500 R
3,3'-DICHLOROENZIDINE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
3-NITROANILINE	*	ND	ND	ND	1300 R	1300 R	1400 R	1100 R	1200 R
4,6-DINITRO-2-METHYLPHENOL	*	ND	ND	ND	ND	ND	ND	1100 R	1200 R
4-BROMOPHENYL PHENYL ETHER	*	ND	ND	ND	ND	ND	ND	460 R	500 R
4-CHLORO-3-METHYLPHENOL	*	ND	ND	ND	ND	ND	ND	460 R	500 R
4-CHLOROANILINE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
4-CHLOROPHENYL PHENYL ETHER	*	ND	ND	ND	ND	ND	ND	460 R	500 R
4-METHYLPHENOL	*	ND	ND	ND	ND	ND	ND	460 R	500 R
4-NITROANILINE	*	ND	ND	ND	ND	ND	ND	1100 R	1200 R
4-NITROPHENOL	*	ND	ND	ND	ND	ND	ND	1100 R	1200 R
ACENAPHTHENE	*	ND	ND	ND	ND	ND	ND	150 R	150 R
ACENAPHTHYLENE	*	ND	ND	ND	ND	ND	ND	150 R	150 R
ANTHRACENE	*	ND	ND	ND	ND	ND	ND	150 R	150 R

Table 4-22B
Study Area 5 - Freshwater Sediment Analytical Results
Detected Compounds

Analyte	PAL	MY05SD15	MY05SD17	MY05SD18	MY05SD19	MY05SD30	MY05SD20	MY05SS09	MY05SS15
		10/16/2001 MY014	10/29/2001 MY014	10/29/2001 MY014	10/25/2001 MY014	Dup. of MY05SD19 10/25/2001 MY014	10/25/2001 MY014	11/8/2001 MY016	Dup. of MY05SS09 11/8/2001 MY016
BENZO(A)ANTHRACENE	*	43	17 J	70 J	ND	22 J	62	82 J	150 J
BENZO(A)PYRENE	*	40	16 J	120	ND	19 J	50	94 J	170 J
BENZO(B)FLUORANTHENE	*	58	26 J	200	29 J	28 J	85	150 J	260 J
BENZO(K)FLUORANTHENE	*	ND	ND	ND	ND	ND	19 J	150 R	150 R
BENZO[G,H,I]PERYLENE	*	32	ND	70 J	ND	ND	30 J	92 J	140 J
BIS(2-CHLOROETHOXY) METHANE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
BIS(2-CHLOROETHYL) ETHER	*	ND	ND	ND	ND	ND	ND	460 R	500 R
BIS(2-ETHYLHEXYL) PHTHALATE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
BUTYL BENZYL PHTHALATE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
CARBAZOLE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
CHRYSENE	*	36	16 J	88 J	17 J	16 J	55	92 J	150 J
DI-N-BUTYL PHTHALATE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
DI-N-OCTYLPHTHALATE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
DIBENZO(A,H)ANTHRACENE	*	ND	ND	ND	ND	ND	ND	150 R	150 R
DIBENZOFURAN	*	ND	ND	ND	ND	ND	ND	460 R	500 R
DIETHYL PHTHALATE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
DIMETHYL PHTHALATE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
FLUORANTHENE	*	65	35	140 J	37	31 J	140 J	190 J	270 J
FLUORENE	*	ND	ND	ND	ND	ND	ND	150 R	150 R
HEXACHLOROBENZENE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
HEXACHLOROBUTADIENE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
HEXACHLOROCYCLOPENTADIENE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
HEXACHLOROETHANE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
INDENO(1,2,3-CD)PYRENE	*	44	15 J	110	20 J	20 J	50	110 J	180 J
ISOPHORONE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
N-NITROSO-DI-N-PROPYLAMINE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
N-NITROSODIPHENYLAMINE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
NAPHTHALENE	*	ND	ND	ND	ND	ND	ND	150 R	150 R
NITROBENZENE	*	ND	ND	ND	ND	ND	ND	460 R	500 R
PENTACHLOROPHENOL	*	ND	ND	ND	ND	ND	ND	1100 R	1200 R
PHENANTHRENE	*	ND	ND	ND	ND	ND	54 J	150 R	150 R
PHENOL	*	ND	ND	ND	ND	ND	ND	460 R	500 R
PYRENE	*	52	27 J	160 J	26 J	27 J	69 J	210 J	480 J
VOCs (ug/kg)									
1,1,1-TRICHLOROETHANE	*	ND	ND	ND	ND	ND	ND	1700 R	1800 R
1,1,2,2-TETRACHLOROETHANE	*	ND	ND	ND	ND	ND	ND	1700 R	1800 R
1,1,2-TRICHLOROETHANE	*	ND	ND	ND	ND	ND	ND	1700 R	1800 R
1,1-DICHLOROETHANE	*	ND	ND	ND	ND	ND	ND	1700 R	1800 R
1,1-DICHLOROETHENE	*	ND	ND	ND	ND	ND	ND	1700 R	1800 R
1,2-DICHLOROETHANE	*	ND	ND	ND	ND	ND	ND	1700 R	1800 R
1,2-DICHLOROPROPANE	*	ND	ND	ND	ND	ND	ND	1700 R	1800 R
2-BUTANONE	*	ND	ND	ND	ND	ND	ND	3400 R	3500 R
2-HEXANONE	*	ND	ND	ND	ND	ND	ND	3400 R	3500 R
4-METHYL-2-PENTANONE	*	ND	ND	ND	ND	ND	ND	3400 R	3500 R
ACETONE	*	ND	ND	ND	910 J	770 J	810 J	4600 R	3400 R
BENZENE	*	ND	ND	ND	ND	ND	ND	1700 R	1800 R

Table 4-22B
Study Area 5 - Freshwater Sediment Analytical Results
Detected Compounds

Analyte	PAL	Duplicates	MY05SD15	MY05SD17	MY05SD18	MY05SD19	MY05SD30	MY05SD20	MY05SS09	MY05SS15
		Date Collected	10/16/2001	10/29/2001	10/29/2001	10/25/2001	Dup. of MY05SD19	10/25/2001	10/25/2001	11/8/2001
		Sample Delivery Group	MY014	MY014	MY014	MY014	MY014	MY014	MY016	MY016
BROMODICHLOROMETHANE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
BROMOFORM	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
BROMOMETHANE	*		ND	ND	ND	ND	280 J	360 J	1700 J	1600 J
CARBON DISULFIDE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
CARBON TETRACHLORIDE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
CHLOROBENZENE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
CHLOROETHANE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
CHLOROFORM	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
CHLOROMETHANE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
CIS-1,2-DICHLOROETHENE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
CIS-1,3-DICHLOROPROPENE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
DIBROMOCHLOROMETHANE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
ETHYLBENZENE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
M-P-XYLENE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
METHYLENE CHLORIDE	*		ND	ND	ND	ND	ND	ND	3700 R	4100 R
O-XYLENE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
STYRENE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
TETRACHLOROETHENE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
TOLUENE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
TRANS-1,2-DICHLOROETHENE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
TRANS-1,3-DICHLOROPROPENE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
TRICHLOROETHENE	*		ND	ND	ND	ND	ND	ND	1700 R	1800 R
VINYL CHLORIDE	*		ND	ND	ND	ND	ND	ND	3400 R	3500 R
Other Compounds										
TOTAL SOLIDS (%)	*		61	69	20	63	64	60	19	18
TOTAL SOLIDS (VOA) (%)	*		63	67	20	NA	NA	NA	15	15

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-23
Study Area 5 - Concrete Analytical Results
Detected Compounds

Analyte	PAL	Duplicates		MY05CS03	MY05CS04	MY05CS05	MY05CS06	MY05CS07	MY05CS08	MY05CS105 Dup. of MY05CS08 10/23/2002	MY05CS09	MY05CS10	MY05CS104 Dup. of MY05CS10 10/22/2002
		Date Collected	Sample Delivery Group										
<i>EPH (mg/kg)</i>		9/18/2001	9/18/2001	10/21/2002	10/21/2002	10/21/2002	10/21/2002	10/22/2002	10/23/2002				
		MY003	MY003	MYR104	MYR104	MYR104	MYR104	MYR104	MYR104	MYR104			MYR104
C11-C22 AROMATICS	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C9-C18 ALIPHATICS	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C19-C36 ALIPHATICS	100	140	63	6.2	34.6	8.8	8.5	12.4	9.1	8.2	6.8	19.9 J	31.8 J
<i>PCBs (ug/kg)</i>													
AROCLOR-1016	290000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR-1221	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR-1232	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR-1242	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR-1248	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR-1254	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AROCLOR-1260	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<i>Other Compounds</i>													
TOTAL SOLIDS (%)	*	97	94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

PAL = Project Action Limit

* PAL Not Available

Bold values indicate an exceedence of the PAL

J = Estimated Value

R = Rejected Value

* Concrete was removed and disposed offsite

following receipt of analytical results from these samples.

ND = Compound(s) Not Detected

NA = Compound(s) Not Analyzed

Table 4-23
Study Area 5 - Concrete Analytical Results
Detected Compounds

Analyte	PAL	MY05CS101*	MY05CS102*	MY05CS103(0-0.9)*	MY05CS107*	MY05CS108*	MY05CS109	MY05CS110	MY05CS11	MY05CS12	MY05CS13
		Duplicates Date Collected Sample Delivery Group	9/26/2002 MY121	Dup. of MY05CS101 9/26/2002 MY121	9/26/2002 MY121	10/28/2002 MY126	Dup. of MY05CS107 10/28/2002 MY126	11/14/2002 MY128	Dup. of MY05CS109 11/14/2002 MY128	10/23/2002 MYR104	10/22/2002 MYR104
EPH (mg/kg)											
C11-C22 AROMATICS	100	3000 J	4000 J	1000 J	35 J	56 J	ND	ND	ND	ND	ND
C9-C18 ALIPHATICS	100	5800	6300	2800	230 J	290 J	14 J	12 J	ND	ND	ND
C19-C36 ALIPHATICS	100	2800	2900	950	86 J	110 J	14 J	16 J	7.6	14.3	27.8
PCBs (ug/kg)											
AROCLOR-1016	290000	NA	NA	NA	NA	ND	NA	NA	ND	ND	ND
AROCLOR-1221	1000	NA	NA	NA	NA	ND	NA	NA	ND	ND	ND
AROCLOR-1232	1000	NA	NA	NA	NA	ND	NA	NA	ND	ND	ND
AROCLOR-1242	1000	NA	NA	NA	NA	ND	NA	NA	ND	ND	ND
AROCLOR-1248	1000	NA	NA	NA	NA	ND	NA	NA	ND	ND	ND
AROCLOR-1254	1000	NA	NA	NA	NA	ND	NA	NA	ND	ND	ND
AROCLOR-1260	1000	NA	NA	NA	NA	ND	NA	NA	ND	ND	ND
Other Compounds											
TOTAL SOLIDS (%)	*	96	96	96	90	88	89	88	NA	NA	NA

Notes:

PAL = Project Action Limit

* PAL Not Available

Bold values indicate an exceedence of the PAL

J = Estimated Value

R = Rejected Value

* Concrete was removed and disposed offsite

following receipt of analytical results from

these samples.

ND = Compound(s) Not Detected

NA = Compound(s) Not Analyzed

Table 4-23
Study Area 5 - Concrete Analytical Results
Detected Compounds

Analyte	PAL	MY05CS14	MY05CS21	MY05CS30 Dup. of MY05CS21	MY05CS22
EPH (mg/kg)					
C11-C22 AROMATICS	100	ND	ND	ND	ND
C9-C18 ALIPHATICS	100	ND	ND	ND	6 R
C19-C36 ALIPHATICS	100	152	ND	ND	37.3 R
PCBs (ug/kg)					
AROCLOR-1016	290000	ND	ND	ND	14.6 R
AROCLOR-1221	1000	ND	ND	ND	14.6 R
AROCLOR-1232	1000	ND	ND	ND	14.6 R
AROCLOR-1242	1000	ND	ND	ND	14.6 R
AROCLOR-1248	1000	ND	ND	ND	14.6 R
AROCLOR-1254	1000	ND	ND	ND	14.6 R
AROCLOR-1260	1000	ND	ND	ND	14.6 R
Other Compounds					
TOTAL SOLIDS (%)	*	NA	95	NA	NA

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- * Concrete was removed and disposed offsite following receipt of analytical results from these samples.
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-24
Study Area 5 - Surface Water Analytical Results
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group	PAL	MY05SW01 10/2/2001 MY008	MY05SW02 10/3/2001 MY008	MY05SW03 10/1/2001 MY008	MY05SW10 Dup. of MY05SW03 10/1/2001 MY008	MY05SW04 10/15/2001 MY008	MY05SW05 11/7/2001 MY017
<i>EPH (ug/l)</i>								
EPH		*	130	ND	130	150	60	ND
<i>Metals (ug/l)</i>								
ALUMINUM		87	ND	ND	28.2 J	ND	149	217
ARSENIC		150	ND	2.3 J	ND	ND	ND	ND
BARIUM		*	52.4	27.6	2.9	2.6	13.5	22.3
BERYLLIUM		*	0.75 J	ND	ND	ND	0.87	ND
BORON		*	2200	139	12.6	13.9	3650	32.5
CADMIUM		2.2	ND	ND	ND	ND	0.4	0.2 J
CALCIUM		*	260000	45000	12700	13200	295000	13800
CHROMIUM		11	ND	ND	ND	ND	ND	2.6
COPPER		12	ND	4.2	ND	ND	ND	3.2 J
IRON		*	2180	2030	ND	ND	ND	340
LEAD		3.2	14.2	ND	ND	ND	10.8	ND
MAGNESIUM		*	633000	17400	3240	3350	962000	3830
MANGANESE		*	650	1290	31.3	30.2	12.5	51.7
MOLYBDENUM		*	ND	ND	ND	ND	ND	4.4
NICKEL		160	3.9 J	ND	ND	ND	1.6	ND
POTASSIUM		*	188000	5380	1390	1420	315000	3540
SODIUM		*	4460000	46700	12200	12800	7910000	7820
ZINC		120	ND	ND	ND	ND	ND	163
<i>PCBs (ug/l)</i>								
			ND	ND	ND	ND	ND	ND
<i>Pesticides (ug/l)</i>								
			ND	ND	ND	ND	ND	ND
<i>SVOCs (ug/l)</i>								
BIS(2-ETHYLHEXYL) PHTHALATE		360	67	ND	ND	25 J	ND	ND
<i>VOCs (ug/l)</i>								
ACETONE		*	3 J	ND	ND	ND	3 R	ND

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-25A
Study Area 6 - Sediment Analytical Results
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group	PAL	MY06SD01	MY06SD02	MY06SD03	MY06SD04	MY06SD40	MY06SD04A	MY06SD05	MY06SD06	MY06SD07	
			9/26/2001	9/26/2001	9/26/2001	9/26/2001	9/26/2001	Dup. of MY06SD04	11/19/2001	9/26/2001	9/26/2001	9/24/2001
			MY006	MY006	MY006	MY006	MY006	9/26/2001 MY006	MY019	MY006	MY006	MY005
<i>EPH (mg/kg)</i>												
C11-C22 AROMATICS		*	NA	NA	NA	NA	NA	NA	NA	NA	NA	
C19-C36 ALIPHATICS		*	NA	NA	NA	NA	NA	NA	NA	NA	NA	
C9-C18 ALIPHATICS		*	NA	NA	NA	NA	NA	NA	NA	NA	NA	
<i>Metals (mg/kg)</i>												
ALUMINUM		*	15800	14100	20600	20900	19400	16700	18400	17300	13100	
ANTIMONY		2	0.04 J	0.04 J	0.05 J	0.06 J	0.05 J	0.06 R	0.06 J	0.05 J	0.04 J	
ARSENIC		8.2	10.6	8.4	10.8	12.9	11.2	12.6	15.6	13.1	8.3	
BARIUM		*	44.4	35.7	45	49.8	49.4	45	37.9	39	39.7	
BERYLLIUM		*	0.72	0.59	0.89	0.86	0.82	0.72	0.83	0.76	0.48	
BORON		*	25.2	14.6	31.5	34.5	33	31.9	38.3	32	20.6	
CADMIUM		1.2	0.16	0.1	0.15	0.21	0.18	ND	0.29	0.22	0.17	
CALCIUM		*	3620	10300	4400	3330	2710	2530 J	3450	3420	1940 J	
CHROMIUM		81	42.2	34.5	58.1	57.2	53.1	53	54.6	53.8	33.1	
COBALT		*	9.4	9.1	8.9	9.4	8.6	9	8.3	7.9	6.7	
COPPER		34	19	14.7	20.8	22.2	20.4	21.4	19.6	19.8	10.4	
IRON		*	24100	20000	28800	31500	27600	28000	29700	27800	18800	
LEAD		46.7	21.1	14.8	32.6	27.9	25.1	26.2	28.2	28.2	16	
MAGNESIUM		*	7760	5980	8300	8700	8060	8100	7920	7880	6310	
MANGANESE		*	279	230	280	330	276	302	274	258	217	
MERCURY		0.15	0.15 J	0.07 J	0.27 J	0.23 J	0.24 J	0.17	0.34 J	0.34 J	0.1 J	
MOLYBDENUM		*	1.3	1.1	0.9	2.1	1.4	ND	1.6	1	1.1	
NICKEL		20.9	25.1	22	29.6	30.9	28.2	29.7	27.4	26	16	
POTASSIUM		*	4150	3690	4940	5180	4950	4330	4590	4350	3880	
SELENIUM		*	ND	ND	0.63 J	0.76 J	0.63 J	ND	0.73 J	ND	ND	
SILVER		1	0.13	0.12	0.18	0.18	0.16	ND	0.17	0.18	0.08	
SODIUM		*	7500	4510	10800	10100	10200	11200	12000	11900	8080	
THALLIUM		*	ND	ND	ND	ND	ND	ND	ND	ND	0.3	
VANADIUM		*	43.4	35.1	50.2	51.2	47	47.4	47.2	46.6	35.2	
ZINC		150	96.7	63	90	101	89.6	97.2	79.8	87.1	52.8	
<i>PCB Congener (ug/kg)</i>												
101 - 2,2',4,5,5'-Pentachlorobiphenyl		22.7	NA	NA	NA	NA	NA	1.1	NA	NA	NA	
105 - 2,3,3',4,4'-Pentachlorobiphenyl		22.7	NA	NA	NA	NA	NA	ND	NA	NA	NA	
118 - 2,3',4,4',5-Pentachlorobiphenyl		22.7	NA	NA	NA	NA	NA	1.4	NA	NA	NA	
138 - 2,2',3,4,4',5'-Hexachlorobiphenyl		22.7	NA	NA	NA	NA	NA	1.1	NA	NA	NA	
153/132/168 - Hexachlorobiphenyl		22.7	NA	NA	NA	NA	NA	1.7 J	NA	NA	NA	

Table 4-25A
Study Area 6 - Sediment Analytical Results
Detected Compounds

Analyte	PAL	Duplicates	MY06SD01	MY06SD02	MY06SD03	MY06SD04	MY06SD40	MY06SD04A	MY06SD05	MY06SD06	MY06SD07
		Date Collected	9/26/2001	9/26/2001	9/26/2001	9/26/2001	Dup. of MY06SD04	9/26/2001	11/19/2001	9/26/2001	9/26/2001
		Sample Delivery Group	MY006	MY006	MY006	MY006	MY006	MY019	MY006	MY006	MY005
170/190 - Heptachlorobiphenyl	22.7		NA	NA	NA	NA	NA	0.37 J	NA	NA	NA
180/172 - Heptachlorobiphenyl	22.7		NA	NA	NA	NA	NA	0.54 J	NA	NA	NA
182/187 - Heptachlorobiphenyl	22.7		NA	NA	NA	NA	NA	0.54 J	NA	NA	NA
206 - Nonachlorobiphenyl	22.7		NA	NA	NA	NA	NA	0.2 J	NA	NA	NA
209 - Decachlorobiphenyl	22.7		NA	NA	NA	NA	NA	0.095 J	NA	NA	NA
43/52 - Tetrachlorobiphenyl/Tetrachlorobiphenyl	22.7		NA	NA	NA	NA	NA	0.8 J	NA	NA	NA
44 - Tetrachlorobiphenyl	22.7		NA	NA	NA	NA	NA	0.7	NA	NA	NA
66 - Tetrachlorobiphenyl	22.7		NA	NA	NA	NA	NA	0.53 J	NA	NA	NA
Dichlorobiphenyls	22.7		NA	NA	NA	NA	NA	ND	NA	NA	NA
Heptachlorobiphenyls	22.7		NA	NA	NA	NA	NA	4.2	NA	NA	NA
Hexachlorobiphenyls	22.7		NA	NA	NA	NA	NA	8.2	NA	NA	NA
Nonachlorobiphenyls	22.7		NA	NA	NA	NA	NA	0.22 J	NA	NA	NA
Octachlorobiphenyls	22.7		NA	NA	NA	NA	NA	0.67	NA	NA	NA
Pentachlorobiphenyls	22.7		NA	NA	NA	NA	NA	13	NA	NA	NA
Tetrachlorobiphenyls	22.7		NA	NA	NA	NA	NA	10	NA	NA	NA
Trichlorobiphenyls	22.7		NA	NA	NA	NA	NA	ND	NA	NA	NA
PCBs (ug/kg)											
			ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides (ug/kg)											
4,4'-DDT	1.58		ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDRIN ALDEHYDE	*		ND	ND	ND	ND	ND	ND	ND	ND	ND
HEPTACHLOR	*		ND	ND	ND	ND	ND	ND	ND	ND	ND
METHOXYCHLOR	*		ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/kg)											
1,4-DICHLOROBENZENE			ND	ND	ND	ND	ND	ND	ND	ND	ND
2-METHYLNAPHTHALENE	70		ND	ND	ND	ND	ND	ND	ND	ND	ND
3-NITROANILINE	*		1600 R	1100 R	1700 R	1800 R	1800 R	ND	1900 R	1900 R	ND
ACENAPHTHENE	16		ND	ND	ND	78 J	ND	ND	ND	ND	ND
ACENAPHTHYLENE	44		ND	ND	22 J	ND	ND	ND	ND	ND	ND
ANTHRACENE	85		92 J	ND	33 J	170 J	30 J	ND	ND	30 J	ND
BENZO(A)ANTHRACENE	261		320 J	82	220 J	620 J	200 J	140	130 J	190 J	90
BENZO(A)PYRENE	430		230	65 J	180	400	180 J	130	120	180	65
BENZO(B)FLUORANTHENE	*		310 J	120 J	300 J	530 J	190 J	180	220 J	250 J	94
BENZO(K)FLUORANTHENE	*		140 J	31 J	92 J	160 J	48 J	51 J	46 J	58 J	39
BENZO[G,H,I]PERYLENE	*		140 J	44 J	120	220	110 J	84 J	86	150 J	36
BIS(2-ETHYLHEXYL) PHTHALATE	*		ND	ND	ND	ND	ND	ND	ND	ND	ND
CARBAZOLE	*		ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 4-25A
Study Area 6 - Sediment Analytical Results
Detected Compounds

Analyte	PAL	MY06SD01 9/26/2001 MY006	MY06SD02 9/26/2001 MY006	MY06SD03 9/26/2001 MY006	MY06SD04 9/26/2001 MY006	MY06SD40 Dup. of MY06SD04 9/26/2001 MY006	MY06SD04A 11/19/2001 MY019	MY06SD05 9/26/2001 MY006	MY06SD06 9/26/2001 MY006	MY06SD07 9/24/2001 MY005	Duplicates
											Date Collected
CHRYSENE	384	210	48	150	340	120 J	110 J	94	170	62	
DIBENZO(A,H)ANTHRACENE	63	ND	ND	34 J	61 J	31 J	ND	ND	42 J	ND	
DIBENZOFURAN	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	
DIMETHYL PHTHALATE	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	
FLUORANTHENE	600	450	70	240	750	200 J	240 J	130	170	100	
FLUORENE	19	ND	ND	23 J	110 J	ND	ND	ND	ND	ND	
INDENO(1,2,3-CD)PYRENE	*	200 J	65 J	210 J	330 J	170 J	120	120 J	220 J	43	
NAPHTHALENE	160	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PHENANTHRENE	240	120 J	28	140	290 J	63 J	140 J	40 J	86 J	39	
PYRENE	665	300	100	210	600	170 J	190 J	170 J	200	99 J	
VOCs (ug/kg)											
METHYLENE CHLORIDE	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	380 J
Other Compounds											
TOTAL ORGANIC CARBON(mg/kg)	*	25200 J	14000 J	25900	22400	25000	24100 J	30300	33200	17200	
TOTAL SOLIDS (%)	*	54	72	47	46	46	46	43	43	56	
TOTAL SOLIDS-VOA (%)	*	54	69	44	47	52	43	44	46	64	

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-25A
Study Area 6 - Sediment Analytical Results
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group	PAL	MY06SD08	MY06SD38	MY06SD09	MY06SD10	MY06SD11	MY06SD12	MY06SD16	MY06SD16A	MY06SD17	
			9/24/2001	Dup. of MY06SD08	9/24/2001	9/24/2001	9/24/2001	9/24/2001	9/24/2001	9/24/2001	11/20/2001	9/24/2001
			MY005	MY005	MY005	MY005	MY005	MY005	MY005	MY005	MY019	MY005
<i>EPH (mg/kg)</i>												
C11-C22 AROMATICS		*	NA	NA	NA	NA	NA	NA	NA	NA	NA	
C19-C36 ALIPHATICS		*	NA	NA	NA	NA	NA	NA	NA	NA	NA	
C9-C18 ALIPHATICS		*	NA	NA	NA	NA	NA	NA	NA	NA	NA	
<i>Metals (mg/kg)</i>												
ALUMINUM		*	11700	13000	9080	14900	15500	16300	9010	10200	18000	
ANTIMONY		2	0.05 J	0.02 J	0.02 J	0.03 J	0.04 J	0.04 J	0.08 J	0.05 R	0.04 J	
ARSENIC		8.2	8.2	8.2	7.6	9.2	8.5	9	5.6	5.9	12.2	
BARIUM		*	33.4	41.8	27.1	33.7	40.1	37.6	41.8	40.9	53.2	
BERYLLIUM		*	0.43	0.49	0.36	0.56	0.56	0.59	0.38	0.45	0.67	
BORON		*	19.3	18.6	21.2	26.8	28.7	29.1	10.8	10.3	34.8	
CADMIUM		1.2	0.17	0.17	0.19	0.17	0.18	0.17	0.18	0.16	0.2	
CALCIUM		*	2020 J	10800 J	1700 J	2480 J	2640 J	3320 J	1850 J	2870 J	3220 J	
CHROMIUM		81	29.9	30	23.3	42.5	41.9	44.9	38.5	29.3	49.2	
COBALT		*	6.8	6.4	5.4	8	8.3	8.3	6.4	6.2	10.1	
COPPER		34	9.3	9.5	7.2	14.2	13.2	14.1	24.7	22.9	18.6	
IRON		*	18300	18900	14800	22600	22300	23000	26200	16700	28300	
LEAD		46.7	15.2	16.6	12.6	22.7	21.3	23.6	15.8	16.5	23.8	
MAGNESIUM		*	5820	6250	4680	7740	7380	8040	4770	4900	9430	
MANGANESE		*	203	219	156	233	245	244	218	221	286	
MERCURY		0.15	0.11 J	0.1 J	0.1 J	0.18 J	0.14 J	0.14 J	0.09 J	0.08	0.14 J	
MOLYBDENUM		*	1.4	1.2	1.1	1.1	0.88	0.96	1.6	ND	1.3	
NICKEL		20.9	16.4	14.9	12.6	22.9	21.9	23.6	20.8	16.4	25.9	
POTASSIUM		*	3320	4070	2710	3810	4130	4140	3220	3260	5950	
SELENIUM		*	ND	ND	ND	ND	ND	ND	ND	ND	0.57 J	
SILVER		1	0.06	0.07	0.06	0.12	0.12	0.12	0.07	0.14	0.12	
SODIUM		*	6250	6790	5590	10700	8820	11000	3190	3780	15300	
THALLIUM		*	0.21	0.2	0.2	0.18	0.19	0.19	0.14	0.16	0.23	
VANADIUM		*	31.6	33.3	25	39.4	40.5	41.8	27.3	29.8	51.8	
ZINC		150	51.3	53	44.5	68.1	66	69.9	195	113	86.1	
<i>PCB Congener (ug/kg)</i>												
101 - 2,2',4,5,5'-Pentachlorobiphenyl		22.7	ND	NA	NA	NA	NA	NA	NA	ND	NA	
105 - 2,3,3',4,4'-Pentachlorobiphenyl		22.7	0.32 J	NA	NA	NA	NA	NA	NA	0.67	NA	
118 - 2,3',4,4',5-Pentachlorobiphenyl		22.7	0.84	NA	NA	NA	NA	NA	NA	ND	NA	
138 - 2,2',3,4,4',5'-Hexachlorobiphenyl		22.7	0.64	NA	NA	NA	NA	NA	NA	1	NA	
153/132/168 - Hexachlorobiphenyl		22.7	0.85 J	NA	NA	NA	NA	NA	NA	1.5 J	NA	

Table 4-25A
Study Area 6 - Sediment Analytical Results
Detected Compounds

Analyte	PAL	Duplicates	MY06SD08	MY06SD38	MY06SD09	MY06SD10	MY06SD11	MY06SD12	MY06SD16	MY06SD16A	MY06SD17
		Date Collected	9/24/2001	Dup. of MY06SD08	9/24/2001	9/24/2001	9/24/2001	9/24/2001	9/24/2001	9/24/2001	11/20/2001
		Sample Delivery Group	MY005	MY005	MY005	MY005	MY005	MY005	MY005	MY019	MY005
170/190 - Heptachlorobiphenyl	22.7		ND	NA	NA	NA	NA	NA	NA	0.21 J	NA
180/172 - Heptachlorobiphenyl	22.7		0.16 J	NA	NA	NA	NA	NA	NA	0.47 J	NA
182/187 - Heptachlorobiphenyl	22.7		0.13 J	NA	NA	NA	NA	NA	NA	0.32 J	NA
206 - Nonachlorobiphenyl	22.7		ND	NA	NA	NA	NA	NA	NA	ND	NA
209 - Decachlorobiphenyl	22.7		0.069 J	NA	NA	NA	NA	NA	NA	ND	NA
43/52 - Tetrachlorobiphenyl/Tetrachlorobiphenyl	22.7		ND	NA	NA	NA	NA	NA	NA	ND	NA
44 - Tetrachlorobiphenyl	22.7		0.37 J	NA	NA	NA	NA	NA	NA	ND	NA
66 - Tetrachlorobiphenyl	22.7		0.32 J	NA	NA	NA	NA	NA	NA	ND	NA
Dichlorobiphenyls	22.7		2.2	NA	NA	NA	NA	NA	NA	ND	NA
Heptachlorobiphenyls	22.7		1.5	NA	NA	NA	NA	NA	NA	3.5	NA
Hexachlorobiphenyls	22.7		4.2	NA	NA	NA	NA	NA	NA	9.2	NA
Nonachlorobiphenyls	22.7		ND	NA	NA	NA	NA	NA	NA	ND	NA
Octachlorobiphenyls	22.7		ND	NA	NA	NA	NA	NA	NA	ND	NA
Pentachlorobiphenyls	22.7		8.7	NA	NA	NA	NA	NA	NA	17	NA
Tetrachlorobiphenyls	22.7		5.8	NA	NA	NA	NA	NA	NA	ND	NA
Trichlorobiphenyls	22.7		0.96 J	NA	NA	NA	NA	NA	NA	ND	NA
PCBs (ug/kg)											
			ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides (ug/kg)											
4,4'-DDT	1.58		ND	ND	ND	ND	ND	ND	ND	12	ND
ENDRIN ALDEHYDE	*		ND	ND	ND	ND	ND	ND	ND	ND	ND
HEPTACHLOR	*		ND	ND	ND	ND	ND	ND	ND	ND	ND
METHOXYCHLOR	*		ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/kg)											
1,4-DICHLOROBENZENE			ND	ND	ND	ND	ND	ND	ND	ND	ND
2-METHYLNAPHTHALENE	70		ND	ND	ND	ND	ND	ND	620	ND	ND
3-NITROANILINE	*		ND	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHENE	16		ND	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHYLENE	44		ND	ND	ND	ND	ND	ND	ND	ND	ND
ANTHRACENE	85		ND	ND	ND	ND	ND	ND	3800 J	5300	ND
BENZO(A)ANTHRACENE	261		52 J	95 J	55 J	120	74 J	ND	6900	14000 J	160 J
BENZO(A)PYRENE	430		53	74	57	130	71 J	ND	6100	8600 J	100 J
BENZO(B)FLUORANTHENE	*		81	110	87	200	93 J	ND	7800	11000 J	170 J
BENZO(K)FLUORANTHENE	*		20 J	29 J	20 J	33 J	34 J	ND	3600 J	4200 J	54 J
BENZO[G,H,I]PERYLENE	*		37	48	36	82	48 J	ND	3000 J	4100 J	75 J
BIS(2-ETHYLHEXYL) PHTHALATE	*		ND	ND	ND	ND	ND	ND	ND	ND	ND
CARBAZOLE	*		ND	ND	ND	ND	ND	ND	3800	1400	ND

Table 4-25A
Study Area 6 - Sediment Analytical Results
Detected Compounds

Analyte	PAL	Duplicates	MY06SD08	MY06SD38	MY06SD09	MY06SD10	MY06SD11	MY06SD12	MY06SD16	MY06SD16A	MY06SD17
		Date Collected	9/24/2001	Dup. of MY06SD08	9/24/2001	9/24/2001	9/24/2001	9/24/2001	9/24/2001	9/24/2001	11/20/2001
		Sample Delivery Group	MY005	MY005	MY005	MY005	MY005	MY005	MY005	MY019	MY005
CHRYSENE	384		47	54	45	77	78 J	87 J	8400	8100 J	90 J
DIBENZO(A,H)ANTHRACENE	63		ND	ND	ND	22 J	ND	ND	ND	ND	ND
DIBENZOFURAN	*		ND	ND	ND	ND	ND	ND	1900	550	ND
DIMETHYL PHTHALATE	*		ND	ND	ND	ND	ND	ND	ND	520	ND
FLUORANTHENE	600		69	38	75	140	140 J	ND	24000	25000 J	300 J
FLUORENE	19		ND	ND	ND	ND	ND	ND	ND	2600 J	ND
INDENO(1,2,3-CD)PYRENE	*		43	62	47	100	63 J	ND	4000 J	6400 J	96 J
NAPHTHALENE	160		ND	ND	ND	ND	ND	ND	800	ND	ND
PHENANTHRENE	240		29 J	25 J	32	47	55 J	ND	18000	22000 J	120 J
PYRENE	665		67	99	71	140 J	120 J	ND	16000	18000 J	160 J
VOCs (ug/kg)											
METHYLENE CHLORIDE	*		350 J	ND	210 J	390 J	ND	ND	ND	ND	ND
Other Compounds											
TOTAL ORGANIC CARBON(mg/kg)	*		18500	27500	11800	26000	23600	24000	14300	8710 J	35500
TOTAL SOLIDS (%)	*		59	58	61	48	50	47	79	77	37
TOTAL SOLIDS-VOA (%)	*		61	59	61	48	49	47	74	74	34

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-25A
Study Area 6 - Sediment Analytical Results
Detected Compounds

Analyte	PAL	Duplicates Date Collected Sample Delivery Group									
		MY06SD18 9/24/2001 MY005	MY06SD19 9/20/2001 MY005	MY06SD20 9/20/2001 MY005	MY06SD37 Dup. of MY06SD20 9/20/2001 MY005	MY06SD20A 11/19/2001 MY019	MY06SD41 Dup. of MY06SD20A 11/19/2001 MY019	MY06SD21 9/20/2001 MY005	MY06SD25 9/20/2001 MY005	MY06SD26 9/20/2001 MY005	
EPH (mg/kg)											
C11-C22 AROMATICS	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 ALIPHATICS	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C18 ALIPHATICS	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)											
ALUMINUM	*	17500	4870	9340	8810	8200	7460	9100	6540	7340	
ANTIMONY	2	0.04 J	0.02 J	0.03 J	0.02 J	0.03 R	0.04 R	0.02 J	0.02 J	0.01 J	
ARSENIC	8.2	11.7	2.9	5.2	5.4	5.1	5.4	7.2	6	5.9	
BARIUM	*	45.5	16.4	30.1	26.6	28.5	26.4	40.6	19.4	27.2	
BERYLLIUM	*	0.65	0.18	0.36	0.35	0.39	0.39	0.46	0.25	0.28	
BORON	*	37.8	5	12.6	11	12	8.2	8.1	10	11.9	
CADMIUM	1.2	0.22	0.09	0.12	0.1	0.11	0.09	0.08	0.1	0.05	
CALCIUM	*	3240 J	2080 J	2860 J	1510 J	1600 J	1510 J	7480 J	2290 J	1500 J	
CHROMIUM	81	50	12.4	24.4	21.6	22.5	16.7	22	18.6	19	
COBALT	*	9.5	3.1	6.4	5.8	5.2	6.2	6.2	4.3	4.6	
COPPER	34	18.5	4.4	17.8	12.5	14.2	17.9	17.1	6.4	7.7	
IRON	*	27500	7600	14400	14900	13200	13200	15900	9890	12000	
LEAD	46.7	24.2	4.6	10.7	9.3	8.2	6.6	6.3	8.7	9.5	
MAGNESIUM	*	9100	2690	4590	4410	4360	3810	4490	3490	3830	
MANGANESE	*	276	113	184	169	183	172	180	126	152	
MERCURY	0.15	0.14 J	ND	ND	0.12 J	0.05	0.06	ND	ND	ND	
MOLYBDENUM	*	1.2	0.27	0.63	0.75	ND	ND	0.98	0.7	0.76	
NICKEL	20.9	27.2	6.7	13.5	12.7	12.6	13.7	11.2	9.3	10.1	
POTASSIUM	*	5020	1610	2900	2560	2560	2500	3570	1910	2080	
SELENIUM	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SILVER	1	0.13	0.04	0.06	0.05	0.07	0.08	0.03	0.04	0.03	
SODIUM	*	13900	3150	4420	4020	4450	3140	3620	4420	4290	
THALLIUM	*	0.22	0.2	0.15	0.12	ND	ND	0.2	0.1	0.09	
VANADIUM	*	51.3	13.4	26.5	23.6	25.8	24	26.8	18.5	21.4	
ZINC	150	81.9	22.2	59.2	55.5	54.2	45.6	41	32	38.6	
PCB Congener (ug/kg)											
101 - 2,2',4,5,5'-Pentachlorobiphenyl	22.7	NA	NA	NA	NA	ND	NA	NA	NA	ND	
105 - 2,3,3',4,4'-Pentachlorobiphenyl	22.7	NA	NA	NA	NA	ND	NA	NA	NA	ND	
118 - 2,3',4,4',5-Pentachlorobiphenyl	22.7	NA	NA	NA	NA	ND	NA	NA	NA	ND	
138 - 2,2',3,4,4',5'-Hexachlorobiphenyl	22.7	NA	NA	NA	NA	ND	NA	NA	NA	0.37 J	
153/132/168 - Hexachlorobiphenyl	22.7	NA	NA	NA	NA	ND	NA	NA	NA	0.76 J	

Table 4-25A
Study Area 6 - Sediment Analytical Results
Detected Compounds

Analyte	PAL	MY06SD18 9/24/2001 MY005	MY06SD19 9/20/2001 MY005	MY06SD20 9/20/2001 MY005	MY06SD37 Dup. of MY06SD20 9/20/2001 MY005	MY06SD20A 11/19/2001 MY019	MY06SD41 Dup. of MY06SD20A 11/19/2001 MY019	MY06SD21 9/20/2001 MY005	MY06SD25 9/20/2001 MY005	MY06SD26 9/20/2001 MY005	Duplicates
											Date Collected
											Sample Delivery Group
170/190 - Heptachlorobiphenyl	22.7	NA	NA	NA	NA	ND	NA	NA	NA	0.14 J	
180/172 - Heptachlorobiphenyl	22.7	NA	NA	NA	NA	ND	NA	NA	NA	0.26 J	
182/187 - Heptachlorobiphenyl	22.7	NA	NA	NA	NA	ND	NA	NA	NA	0.16 J	
206 - Nonachlorobiphenyl	22.7	NA	NA	NA	NA	ND	NA	NA	NA	0.07 J	
209 - Decachlorobiphenyl	22.7	NA	NA	NA	NA	ND	NA	NA	NA	ND	
43/52 - Tetrachlorobiphenyl/Tetrachlorobiphenyl	22.7	NA	NA	NA	NA	ND	NA	NA	NA	ND	
44 - Tetrachlorobiphenyl	22.7	NA	NA	NA	NA	0.62 J	NA	NA	NA	0.29 J	
66 - Tetrachlorobiphenyl	22.7	NA	NA	NA	NA	0.99	NA	NA	NA	0.25 J	
Dichlorobiphenyls	22.7	NA	NA	NA	NA	ND	NA	NA	NA	1.1	
Heptachlorobiphenyls	22.7	NA	NA	NA	NA	ND	NA	NA	NA	2.1	
Hexachlorobiphenyls	22.7	NA	NA	NA	NA	3	NA	NA	NA	3.6	
Nonachlorobiphenyls	22.7	NA	NA	NA	NA	ND	NA	NA	NA	ND	
Octachlorobiphenyls	22.7	NA	NA	NA	NA	1.9	NA	NA	NA	ND	
Pentachlorobiphenyls	22.7	NA	NA	NA	NA	8.9	NA	NA	NA	ND	
Tetrachlorobiphenyls	22.7	NA	NA	NA	NA	10	NA	NA	NA	2.6	
Trichlorobiphenyls	22.7	NA	NA	NA	NA	2.5	NA	NA	NA	ND	
PCBs (ug/kg)		ND	ND	ND	ND	ND	ND	ND	ND	ND	
Pesticides (ug/kg)		ND	ND	ND	ND	ND	ND	ND	ND	ND	
4,4'-DDT	1.58	ND	ND	ND	ND	5.7 J	11 J	ND	ND	ND	
ENDRIN ALDEHYDE	*	ND	ND	ND	ND	ND	12 J	ND	ND	ND	
HEPTACHLOR	*	ND	ND	ND	ND	3.1 J	ND	ND	ND	ND	
METHOXYCHLOR	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SVOCs (ug/kg)		ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,4-DICHLOROBENZENE		ND	ND	ND	ND	ND	ND	ND	ND	460 R	
2-METHYLNAPHTHALENE	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	
3-NITROANILINE	*	ND	ND	ND	ND	ND	ND	ND	ND	1100 R	
ACENAPHTHENE	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	
ACENAPHTHYLENE	44	ND	ND	ND	ND	ND	ND	ND	ND	ND	
ANTHRACENE	85	38 J	21 J	1500 J	ND	ND	1400 J	23 J	ND	59	
BENZO(A)ANTHRACENE	261	350 J	80	3900	3100	2900	4500	91	93	380	
BENZO(A)PYRENE	430	240 J	56	3500	2900	2000 J	3400	70	75	300	
BENZO(B)FLUORANTHENE	*	380 J	86	4300	3700	3100	5000	100	120	460	
BENZO(K)FLUORANTHENE	*	100 J	20 J	2100 J	2000 J	ND	1500 J	25 J	24 J	66	
BENZO[G,H,I]PERYLENE	*	130 J	35	2300 J	2000 J	ND	1800 J	42	52	180	
BIS(2-ETHYLHEXYL) PHTHALATE	*	ND	ND	ND	ND	ND	ND	ND	ND	280 J	
CARBAZOLE	*	ND	ND	920	460	1200	960	ND	420 J	ND	

Table 4-25A
Study Area 6 - Sediment Analytical Results
Detected Compounds

Analyte	PAL	Duplicates	MY06SD18	MY06SD19	MY06SD20	MY06SD37	MY06SD20A	MY06SD41	MY06SD21	MY06SD25	MY06SD26
		Date Collected	9/24/2001	9/20/2001	9/20/2001	Dup. of MY06SD20	11/19/2001	Dup. of MY06SD20A	11/19/2001	9/20/2001	9/20/2001
Sample Delivery Group		MY005	MY005	MY005	MY005	MY005	MY019	MY019	MY005	MY005	MY005
CHRYSENE	384	230 J	47	3300	2800	2400 J	3800 J	55	59	230	
DIBENZO(A,H)ANTHRACENE	63	30 J	ND	ND	ND	ND	ND	ND	ND	43	
DIBENZOFURAN	*	ND	ND	330 J	ND	760 J	440 J	ND	ND	ND	
DIMETHYL PHTHALATE	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	
FLUORANTHENE	600	96 J	120	8000	7500	7600 J	12000 J	120	110	500	
FLUORENE	19	ND	ND	ND	ND	ND	ND	ND	ND	15 J	
INDENO(1,2,3-CD)PYRENE	*	180 J	45	2900 J	2700 J	1600 J	2600 J	58	65	240	
NAPHTHALENE	160	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PHENANTHRENE	240	87 J	69	5600	4400	6600 J	9400 J	85	48	190 J	
PYRENE	665	530 J	86	6500	5000	4500 J	8600 J	100	110	380 J	
VOCs (ug/kg)											
METHYLENE CHLORIDE	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other Compounds											
TOTAL ORGANIC CARBON(mg/kg)	*	39600	2360 J	12700	13500	13200 J	5960 J	4070	7150	11200	
TOTAL SOLIDS (%)	*	39	81	66	72	73	77	77	72	69	
TOTAL SOLIDS-VOA (%)	*	36	77	70	73	75	80	71	69	63	

Notes:

PAL = Project Action Limit

* PAL Not Available

Bold values indicate an exceedence of the PAL

J = Estimated Value

R = Rejected Value

ND = Compound(s) Not Detected

NA = Compound(s) Not Analyzed

Table 4-25A
Study Area 6 - Sediment Analytical Results
Detected Compounds

Analyte	PAL	MY06SD27 9/20/2001 MY005	MY06SD28 9/20/2001 MY005	MY06SD29 9/20/2001 MY005	MY06SD30 9/20/2001 MY005	MY06SD31 9/25/2001 MY006	MY06SD32 9/25/2001 MY006	MY06SD39 Dup. of MY06SD32 9/25/2001 MY006	MY06SD33 9/25/2001 MY006	MY06SD34 9/25/2001 MY006	MY06SD35 9/25/2001 MY006	Duplicates
												Date Collected
												Sample Delivery Group
<i>EPH (mg/kg)</i>												
C11-C22 AROMATICS	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 ALIPHATICS	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C18 ALIPHATICS	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<i>Metals (mg/kg)</i>												
ALUMINUM	*	7630	16600	5290	8800	9950	8270	8630	9760	8300	7850	
ANTIMONY	2	0.02 J	0.04 J	0.01 J	0.03 J	0.03 J	0.02 J	0.04 J	0.02 J	ND	0.02 J	
ARSENIC	8.2	4.5	5.8	3.1	5.2	7	5.9	5.6	6.2	4.8	5.6	
BARIIUM	*	22.3	57.8	15.9	43.5	25.9	21	22.8	26.5	23.2	21	
BERYLLIUM	*	0.3	0.49	0.2	0.28	0.36	0.32	0.34	0.35	0.29	0.28 J	
BORON	*	8.9	13.3	5.7	5.9	14.9	12.4	12.8	13.9	10.3	10.8	
CADMIUM	1.2	0.07	0.04	0.07	0.06	0.15	0.1	0.09	0.1	0.09	0.11	
CALCIUM	*	1400 J	2720 J	1340 J	16500 J	2170	1780	1950	1910	1490	1560	
CHROMIUM	81	19.4	38.4	13.4	20.7	27.6	23.2	24.1	25.8	22	21.4	
COBALT	*	4.7	10.7	3.5	6.5	5.8	5.2	5.2	5.4	5	4.8	
COPPER	34	7.1	13.7	5	11.3	9	8	8.5	8.6	7	7.6	
IRON	*	11700	23100	8240	13600	15000	12700	13200	14100	12300	11900	
LEAD	46.7	8.6	8.1	6	5.5	12.8	11	11	12.1	9.6	10.8	
MAGNESIUM	*	3910	7510	2780	4480	4860	4120	4310	4650	3980	3880	
MANGANESE	*	151	306	113	179	179	148	154	174	150	143	
MERCURY	0.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MOLYBDENUM	*	0.54	0.26	0.45	0.4	0.83	0.67	0.54	0.54	0.64	0.55	
NICKEL	20.9	9.9	27.4	8.2	15.4	16.9	14.1	14.6	14.4	12.5	12.8	
POTASSIUM	*	2210	5540	1670	3070	2580	2120	2220	2680	2220	2140	
SELENIUM	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SILVER	1	0.04	ND	0.02 J	0.02 J	0.08	0.06	0.05	0.07	0.04	0.05	
SODIUM	*	4260	2990	3300	2800	5720	4990	5220	5830	4220	4700	
THALLIUM	*	0.1	0.18	0.09	0.14	ND	ND	ND	ND	ND	ND	
VANADIUM	*	21	34.2	13.6	21.1	28.5	23.3	24.3	25.7	22.3	20.9	
ZINC	150	35.5	52.7	29.3	33.9	47.7	40.7	40.3	43.5	37.7	39.1	
<i>PCB Congener (ug/kg)</i>												
101 - 2,2',4,5,5'-Pentachlorobiphenyl	22.7	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	
105 - 2,3,3',4,4'-Pentachlorobiphenyl	22.7	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	
118 - 2,3',4,4',5'-Pentachlorobiphenyl	22.7	NA	NA	NA	NA	NA	0.7	NA	NA	NA	NA	
138 - 2,2',3,4,4',5'-Hexachlorobiphenyl	22.7	NA	NA	NA	NA	NA	0.51	NA	NA	NA	NA	
153/132/168 - Hexachlorobiphenyl	22.7	NA	NA	NA	NA	NA	1.1 J	NA	NA	NA	NA	

Table 4-25A
Study Area 6 - Sediment Analytical Results
Detected Compounds

Analyte	PAL	MY06SD27	MY06SD28	MY06SD29	MY06SD30	MY06SD31	MY06SD32	MY06SD39 Dup. of MY06SD32 9/25/2001 MY006	MY06SD33	MY06SD34	MY06SD35	Duplicates
												Date Collected
												Sample Delivery Group
170/190 - Heptachlorobiphenyl	22.7	NA	NA	NA	NA	NA	0.21 J	NA	NA	NA	NA	
180/172 - Heptachlorobiphenyl	22.7	NA	NA	NA	NA	NA	0.29 J	NA	NA	NA	NA	
182/187 - Heptachlorobiphenyl	22.7	NA	NA	NA	NA	NA	0.23 J	NA	NA	NA	NA	
206 - Nonachlorobiphenyl	22.7	NA	NA	NA	NA	NA	0.14 J	NA	NA	NA	NA	
209 - Decachlorobiphenyl	22.7	NA	NA	NA	NA	NA	0.093 J	NA	NA	NA	NA	
43/52 - Tetrachlorobiphenyl/Tetrachlorobiphenyl	22.7	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	
44 - Tetrachlorobiphenyl	22.7	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	
66 - Tetrachlorobiphenyl	22.7	NA	NA	NA	NA	NA	0.32 J	NA	NA	NA	NA	
Dichlorobiphenyls	22.7	NA	NA	NA	NA	NA	1.6	NA	NA	NA	NA	
Heptachlorobiphenyls	22.7	NA	NA	NA	NA	NA	1.6	NA	NA	NA	NA	
Hexachlorobiphenyls	22.7	NA	NA	NA	NA	NA	4.4	NA	NA	NA	NA	
Nonachlorobiphenyls	22.7	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	
Octachlorobiphenyls	22.7	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	
Pentachlorobiphenyls	22.7	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	
Tetrachlorobiphenyls	22.7	NA	NA	NA	NA	NA	1.7	NA	NA	NA	NA	
Trichlorobiphenyls	22.7	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	
PCBs (ug/kg)												
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides (ug/kg)												
4,4'-DDT	1.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDRIN ALDEHYDE	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEPTACHLOR	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
METHOXYCHLOR	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/kg)												
1,4-DICHLOROBENZENE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-METHYLNAPHTHALENE	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-NITROANILINE	*	1100 R	ND	1100 R	ND	1300 R	1200 R	1200 R	1200 R	1100 R	1200 R	
ACENAPHTHENE	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHYLENE	44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ANTHRACENE	85	15 J	ND	27 J	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(A)ANTHRACENE	261	99	ND	120	ND	130	90	110	83	74 J	110	
BENZO(A)PYRENE	430	87	ND	95	ND	110 J	93 J	94	87 J	68 J	96 J	
BENZO(B)FLUORANTHENE	*	130	ND	150	ND	150	ND	140	110 J	110 J	120 J	
BENZO(K)FLUORANTHENE	*	25 J	ND	31 J	ND	53 J	40 J	42 J	39 J	26 J	50 J	
BENZO[G,H,I]PERYLENE	*	52	ND	60	ND	67 J	57 J	61	52 J	48 J	60 J	
BIS(2-ETHYLHEXYL) PHTHALATE	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CARBAZOLE	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 4-25A
Study Area 6 - Sediment Analytical Results
Detected Compounds

Analyte	PAL	Duplicates									
		Date Collected									
		Sample Delivery Group									
		9/20/2001 MY005	9/20/2001 MY005	9/20/2001 MY005	9/20/2001 MY005	9/25/2001 MY006	9/25/2001 MY006	9/25/2001 MY006	9/25/2001 MY006	9/25/2001 MY006	9/25/2001 MY006
CHRYSENE	384	67	ND	70	ND	110	91	75	82	60 J	100
DIBENZO(A,H)ANTHRACENE	63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBENZOFURAN	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIMETHYL PHTHALATE	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE	600	120	ND	190	ND	220	52 J	150 J	78	230	240
FLUORENE	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	*	68	ND	78	ND	98 J	82 J	86	75 J	75 J	86 J
NAPHTHALENE	160	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE	240	46	ND	89	ND	90	53	74	49	90	100
PYRENE	665	120	ND	140	ND	210	150	150	150	98 J	170
VOCs (ug/kg)											
METHYLENE CHLORIDE	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other Compounds											
TOTAL ORGANIC CARBON(mg/kg)	*	6750	850 J	5420 J	1380 J	15900	9410	10200	12700	8110	13600
TOTAL SOLIDS (%)	*	72	78	77	78	62	67	65	66	71	68
TOTAL SOLIDS-VOA (%)	*	72	76	75	79	66	66	64	62	70	69

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-25A
Study Area 6 - Sediment Analytical Results
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group	PAL	MY06SD36	MY06SD50	MY06SD51	MY06SD52	MY06SD53
			09/25/01	10/10/2002	10/10/2002	10/10/2002	10/10/2002
			MY006	MY124	MY124	MY124	Dup. of MY06SD52 10/10/2002 MY124
<i>EPH (mg/kg)</i>							
C11-C22 AROMATICS		*	NA	ND	ND	ND	ND
C19-C36 ALIPHATICS		*	NA	42 J	85	67	39
C9-C18 ALIPHATICS		*	NA	19 J	26	ND	ND
<i>Metals (mg/kg)</i>							
ALUMINUM		*	7180	20400	23200	25000	25500
ANTIMONY		2	0.02 J	0.48 J	0.1 J	0.1 J	0.11 J
ARSENIC		8.2	5	14.4	14.4	14.9	16.6
BARIUM		*	20.6	48.8	56.3	66.5	62.1
BERYLLIUM		*	0.25	0.91	1	0.96	1
BORON		*	10.3	37.5	37	19.7	24.1
CADMIUM		1.2	0.11	0.52	0.18	0.2	0.16
CALCIUM		*	1840	2760 J	3260 J	2400 J	2640 J
CHROMIUM		81	18.9	58	64.7	62.5	67.7
COBALT		*	4.6	11.2	12	15.8	16.8
COPPER		34	6.5	20.5	22.5	21.2	24.4
IRON		*	11000	29100	31500	40400	41700
LEAD		46.7	8.9	28.4 J	33.5 J	49 J	29.5 J
MAGNESIUM		*	3580	9730	10700	9990	11000
MANGANESE		*	142	320	320	635	610
MERCURY		0.15	ND	0.21 J	0.34 J	0.11 J	0.22 J
MOLYBDENUM		*	0.51	2.2	2.6	3.5	4.5
NICKEL		20.9	11.8	28.3	36.2	40.8	40.8
POTASSIUM		*	2000	5480 J	6090 J	6040 J	6100 J
SELENIUM		*	ND	0.98 J	0.99 J	0.67 J	0.77 J
SILVER		1	0.05	0.2	0.21	0.1	0.15
SODIUM		*	3990	15500	18000	6430	8680
THALLIUM		*	ND	ND	ND	ND	ND
VANADIUM		*	18.8	52	55.6	57.6	62.5
ZINC		150	35.1	96.4	100	112	123
<i>PCB Congener (ug/kg)</i>							
101 - 2,2',4,5,5'-Pentachlorobiphenyl		22.7	NA	NA	NA	NA	NA
105 - 2,3,3',4,4'-Pentachlorobiphenyl		22.7	NA	NA	NA	NA	NA
118 - 2,3',4,4',5-Pentachlorobiphenyl		22.7	NA	NA	NA	NA	NA
138 - 2,2',3,4,4',5'-Hexachlorobiphenyl		22.7	NA	NA	NA	NA	NA
153/132/168 - Hexachlorobiphenyl		22.7	NA	NA	NA	NA	NA

Table 4-25A
Study Area 6 - Sediment Analytical Results
Detected Compounds

Analyte	PAL	MY06SD36 09/25/01 MY006	MY06SD50 10/10/2002 MY124	MY06SD51 10/10/2002 MY124	MY06SD52 10/10/2002 MY124	MY06SD53 Dup. of MY06SD52 10/10/2002 MY124	
							Duplicates
							Date Collected Sample Delivery Group
170/190 - Heptachlorobiphenyl	22.7	NA	NA	NA	NA	NA	
180/172 - Heptachlorobiphenyl	22.7	NA	NA	NA	NA	NA	
182/187 - Heptachlorobiphenyl	22.7	NA	NA	NA	NA	NA	
206 - Nonachlorobiphenyl	22.7	NA	NA	NA	NA	NA	
209 - Decachlorobiphenyl	22.7	NA	NA	NA	NA	NA	
43/52 - Tetrachlorobiphenyl/Tetrachlorobiphenyl	22.7	NA	NA	NA	NA	NA	
44 - Tetrachlorobiphenyl	22.7	NA	NA	NA	NA	NA	
66 - Tetrachlorobiphenyl	22.7	NA	NA	NA	NA	NA	
Dichlorobiphenyls	22.7	NA	NA	NA	NA	NA	
Heptachlorobiphenyls	22.7	NA	NA	NA	NA	NA	
Hexachlorobiphenyls	22.7	NA	NA	NA	NA	NA	
Nonachlorobiphenyls	22.7	NA	NA	NA	NA	NA	
Octachlorobiphenyls	22.7	NA	NA	NA	NA	NA	
Pentachlorobiphenyls	22.7	NA	NA	NA	NA	NA	
Tetrachlorobiphenyls	22.7	NA	NA	NA	NA	NA	
Trichlorobiphenyls	22.7	NA	NA	NA	NA	NA	
PCBs (ug/kg)							
		ND	ND	ND	ND	ND	
Pesticides (ug/kg)							
4,4'-DDT	1.58	ND	ND	ND	ND	ND	
ENDRIN ALDEHYDE	*	ND	ND	ND	ND	ND	
HEPTACHLOR	*	ND	ND	ND	ND	ND	
METHOXYCHLOR	*	ND	47 R	ND	ND	ND	
SVOCs (ug/kg)							
1,4-DICHLOROBENZENE		ND	ND	ND	ND	ND	
2-METHYLNAPHTHALENE	70	ND	ND	ND	ND	ND	
3-NITROANILINE	*	1100 R	ND	ND	ND	ND	
ACENAPHTHENE	16	ND	ND	ND	350 J	ND	
ACENAPHTHYLENE	44	ND	ND	ND	ND	ND	
ANTHRACENE	85	ND	ND	ND	ND	ND	
BENZO(A)ANTHRACENE	261	84 J	ND	ND	ND	ND	
BENZO(A)PYRENE	430	68 J	ND	ND	ND	ND	
BENZO(B)FLUORANTHENE	*	100 J	ND	ND	ND	ND	
BENZO(K)FLUORANTHENE	*	30 J	ND	ND	ND	ND	
BENZO[G,H,I]PERYLENE	*	42 J	ND	ND	ND	ND	
BIS(2-ETHYLHEXYL) PHTHALATE	*	ND	ND	ND	ND	ND	
CARBAZOLE	*	ND	ND	ND	ND	ND	

Table 4-25A
Study Area 6 - Sediment Analytical Results
Detected Compounds

Analyte	PAL	Duplicates	MY06SD36	MY06SD50	MY06SD51	MY06SD52	MY06SD53
		Date Collected	09/25/01	10/10/2002	10/10/2002	10/10/2002	Dup. of MY06SD52
		Sample Delivery Group	MY006	MY124	MY124	MY124	10/10/2002 MY124
CHRYSENE	384		45 J	ND	ND	ND	ND
DIBENZO(A,H)ANTHRACENE	63		ND	ND	ND	ND	ND
DIBENZOFURAN	*		ND	ND	ND	ND	ND
DIMETHYL PHTHALATE	*		ND	ND	ND	ND	ND
FLUORANTHENE	600		230	ND	ND	ND	ND
FLUORENE	19		ND	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	*		69 J	ND	ND	ND	ND
NAPHTHALENE	160		ND	ND	ND	ND	ND
PHENANTHRENE	240		99	ND	ND	ND	ND
PYRENE	665		89 J	ND	ND	ND	ND
VOCs (ug/kg)							
METHYLENE CHLORIDE	*		ND	NA	NA	NA	NA
Other Compounds							
TOTAL ORGANIC CARBON(mg/kg)	*		8340	NA	NA	NA	NA
TOTAL SOLIDS (%)	*		69	36	33	51	41
TOTAL SOLIDS-VOA (%)	*		67	NA	NA	NA	NA

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-25B
Study Area 6 - Outfall 009 PAH Analytical Results
Detected Compounds

Analyte	PAL	MY06SD101A(0-3.5)	MY06SD101A(3.5-7)	MY06SD101B(0-3.5)	MY06SD101B(3.5-9)	MY06SD101B(9-12)	MY06SD102(0-3.5)	MY06SD102(3.5-9)	MY06SD102(9-12)	
		8/26/2002 MY118	8/26/2002 MY118	8/27/2002 MY118	8/27/2002 MY119	8/27/2002 MY118	8/27/2002 MY118	8/27/2002 MY118	8/27/2002 MY118	
<i>PAHs (ug/kg)</i>										
2-METHYLNAPHTHALENE	70	2300 J	290	2200 J	540 J	0.8 J	29 J	5 J	ND	
ACENAPHTHENE	16	2500 J	1000	2100 J	720	5 J	270 J	28	ND	
ANTHRACENE	85	5800	2100	4800	1800 J	24	620	110 J	ND	
BENZO(A)ANTHRACENE	261	12000	3900	9000	4000 J	100 J	1600	370 J	ND	
BENZO(A)PYRENE	430	10000	3300	8100	3500 J	64	1600	170	ND	
BENZO(B)FLUORANTHENE	*	14000	4500	9900	4900 J	74	1900	180	ND	
BENZO(K)FLUORANTHENE	*	5100	1700	4000 J	2000 J	32	850	95 J	ND	
BENZO[G,H,I]PERYLENE	*	6000	1700	5100 J	1700 J	29	840	93 J	ND	
CHRYSENE	384	12000	3700	8800 J	4000 J	81 J	1700	240 J	ND	
DIBENZO(A,H)ANTHRACENE	63	3400	560	3400 J	900 J	7 J	270 J	32 J	ND	
FLUORANTHENE	600	26000	9100	20000	8400	52	3700	420	ND	
FLUORENE	19	2900	1500	2600 J	930	14 J	270 J	35	ND	
INDENO(1,2,3-CD)PYRENE	*	6700	2200	ND	2000 J	50	1000	160 J	ND	
NAPHTHALENE	160	770 J	290	650 J	240 J	1 J	36 J	8 J	ND	
PHENANTHRENE	240	28000	8200	20000 J	8300	53	2500	390 J	ND	
PYRENE	665	36000 J	5900	25000 J	9100	130	2700	380	ND	
<i>Other Compounds</i>										
TOTAL SOLIDS (%)	*	81	75	78	68	70	77	80	81	

Notes:
PAL = Project Action Limit
* PAL Not Available
Bold values indicate an exceedence of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-25B
Study Area 6 - Outfall 009 PAH Analytical Results
Detected Compounds

Analyte	PAL	MY06SD103(0-3.5)	MY06SD103(3.5-9)	MY06SD104(0-3.5)	MY06SD104(3.5-9)	MY06SD104(9-12)	MY06SD105(0-3.5)	MY06SD105(3.5-9)	MY06SD106(0-3.5)	
		8/27/2002 MY118	8/27/2002 MY118	8/27/2002 MY118	8/27/2002 MY118	8/27/2002 MY119	8/27/2002 MY118	8/27/2002 MY118	8/27/2002 MY118	
<i>PAHs (ug/kg)</i>										
2-METHYLNAPHTHALENE	70	230 J	6 J	2400 J	800 J	1 J	460	410 J	430	
ACENAPHTHENE	16	420	14 J	1800 J	860	7 J	1200	420 J	950	
ANTHRACENE	85	720	40	5100	1700	27 J	2800	900	3400	
BENZO(A)ANTHRACENE	261	1500	170 J	10000 J	3400	93 J	5700	2100	7400	
BENZO(A)PYRENE	430	1400	83 J	9700	2900	57	5300	1800	6600	
BENZO(B)FLUORANTHENE	*	1700	100 J	12000	4300	76 J	6500	2400	8700	
BENZO(K)FLUORANTHENE	*	770	49 J	4700	1500	26 J	2400	900	3200	
BENZO[G,H,I]PERYLENE	*	670	48 J	6000	1700	25	3400	1100	4200	
CHRYSENE	384	1400	110 J	10000	3400	50	5700	2000	7600	
DIBENZO(A,H)ANTHRACENE	63	220 J	13 J	3900	1200 J	7 J	2200	650 J	2500	
FLUORANTHENE	600	3400	260 J	24000	7100	78	12000	5000	18000	
FLUORENE	19	520	19 J	2300 J	1000	8 J	1800	430 J	1200	
INDENO(1,2,3-CD)PYRENE	*	880	72 J	6600	1900	44	3600	1200	4500	
NAPHTHALENE	160	100 J	3 J	830 J	440	1 J	640	150 J	620 J	
PHENANTHRENE	240	3100	160 J	22000	8400	83 J	13000	4300	17000	
PYRENE	665	2400	200	28000	9400	83	15000	5800 J	20000	
<i>Other Compounds</i>										
TOTAL SOLIDS (%)	*	58	79	66	79	87	60	84	52	

Notes:
PAL = Project Action Limit
* PAL Not Available
Bold values indicate an exceedence of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-25B
Study Area 6 - Outfall 009 PAH Analytical Results
Detected Compounds

Analyte	PAL	MY06SD106(3.5-9)	MY06SD106(9-12)	MY06SD107A(0-3.5)	MY06SD107B(0-3.5)	MY06SD107B(3.5-5)	MY06SD107B(3.5-9)	MY06SD109(0-3.5)	MY06SD109(3.5-9)
		Duplicates Date Collected Sample Delivery Group	8/27/2002 MY118	8/27/2002 MY118	8/27/2002 MY119	8/28/2002 MY119	8/28/2002 MY119	8/28/2002 MY119	8/27/2002 MY118
<i>PAHs (ug/kg)</i>									
2-METHYLNAPHTHALENE	70	220 J	ND	420	360	200 J	220 J	590	360
ACENAPHTHENE	16	94 J	3 J	1100	760	150 J	210 J	2000	860
ANTHRACENE	85	350	8 J	2300	2100	490	590	3900	1800
BENZO(A)ANTHRACENE	261	650	54 J	4300	4100	880	1000 J	9000 J	3800
BENZO(A)PYRENE	430	670 J	24	3800	3500 J	790	890 J	7500	3400
BENZO(B)FLUORANTHENE	*	710	28	3600	5000 J	920	1100 J	10000	4400
BENZO(K)FLUORANTHENE	*	250 J	12 J	1800	1700 J	340	410 J	3700	2100
BENZO[G,H,I]PERYLENE	*	470 J	10 J	1900	2200 J	500 J	520 J	4300	2100
CHRYSENE	384	630	32 J	4300	4200	800	960 J	9100	3600
DIBENZO(A,H)ANTHRACENE	63	360 J	3 J	1400	1600 J	320 J	320 J	2300	1300
FLUORANTHENE	600	1700	29	7400	9300	2000	2500	18000	8400
FLUORENE	19	110 J	5 J	1600	1000	170 J	270	2600	1100
INDENO(1,2,3-CD)PYRENE	*	500 J	17 J	2200	2400 J	530 J	570 J	4800	2300
NAPHTHALENE	160	20 J	ND	460	240 J	50 J	86 J	1100	310 J
PHENANTHRENE	240	1100	30 J	8800	8900	1600	2200	21000	7400
PYRENE	665	1600 J	60	9500	9800	2000	2500 J	26000	8900
<i>Other Compounds</i>									
TOTAL SOLIDS (%)	*	66	76	73	64	80	81	65	79

Notes:
PAL = Project Action Limit
* PAL Not Available
Bold values indicate an exceedence of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-25B
Study Area 6 - Outfall 009 PAH Analytical Results
Detected Compounds

Analyte	PAL	MY06SD109(9-12)		MY06SD110(0-3.5)		MY06SD111(0-3.5)		MY06SD111(3.5-9)		MY06SD111(9-11)		MY06SD112(0-3.5)		MY06SD112(3.5-9)		MY06SD113(0-3.5)	
		Duplicates Date Collected Sample Delivery Group															
<i>PAHs (ug/kg)</i>																	
2-METHYLNAPHTHALENE	70		3 J	1000		6.8 J		1.9 J		1.4 J		11 J		18 J			110 J
ACENAPHTHENE	16		16 J	3000		17 J		4 J		7 J		62 J		65 J			420
ANTHRACENE	85		49	5700		62 J		13 J		17 J		220 J		130 J			980
BENZO(A)ANTHRACENE	261		150 J	8600		240 J		47		54 J		500 J		410 J			1900
BENZO(A)PYRENE	430		120 J	7900		190		36 J		43 J		460		370 J			1900
BENZO(B)FLUORANTHENE	*		160 J	8900		300 J		40 J		44 J		570		460			2200
BENZO(K)FLUORANTHENE	*		43 J	4100		88		20 J		21 J		270 J		210 J			990
BENZO(G,H,I)PERYLENE	*		50 J	3900		94		21 J		23 J		270 J		210 J			760
CHRYSENE	384		100 J	9100		210 J		35		44 J		510		440			1900
DIBENZO(A,H)ANTHRACENE	63		14 J	1100		32 J		6.5 J		7.4 J		100 J		60 J			270 J
FLUORANTHENE	600		460	20000		180		88		140 J		1400		960			4200
FLUORENE	19		22	3300		26 J		5.7 J		8 J		97 J		100 J			560
INDENO(1,2,3-CD)PYRENE	*		97 J	4900		160		32 J		38 J		370		330			910
NAPHTHALENE	160		4 J	780		10 J		2 J		1.4 J		ND		32 J			89 J
PHENANTHRENE	240		220 J	22000		160		58		74 J		800		730			3900
PYRENE	665		200	16000		340 J		52		79 J		830		840			4500
<i>Other Compounds</i>																	
TOTAL SOLIDS (%)	*		84	56		48		81		82		74		80			82

Notes:
PAL = Project Action Limit
* PAL Not Available
Bold values indicate an exceedence of the PAL
J = Estimated Value
R = Rejected Value
ND = Compound(s) Not Detected
NA = Compound(s) Not Analyzed

Table 4-25B
Study Area 6 - Outfall 009 PAH Analytical Results
Detected Compounds

Analyte	PAL	MY06SD114(0-3.5)		MY06SD114(3.5-6)		MY06SD115(0-3.5)		MY06SD116		MY06SD117	
		Duplicates Date Collected Sample Delivery Group	10/9/2002 MY124	10/9/2002 MY124	10/9/2002 MY124	10/9/2002 MY124	10/9/2002 MY124	10/9/2002 MY124	10/9/2002 MY124	10/9/2002 MY124	
<i>PAHs (ug/kg)</i>											
2-METHYLNAPHTHALENE	70		180 J		ND		93 J		27 J		6.3 J
ACENAPHTHENE	16		720		20 J		470 J		52 J		8.7 J
ANTHRACENE	85		1500		66 J		990		94 J		33 J
BENZO(A)ANTHRACENE	261		3000		120		2000		310 J		210 J
BENZO(A)PYRENE	430		2800		100 J		1800		260 J		140 J
BENZO(B)FLUORANTHENE	*		3200		94 J		2400		340 J		170 J
BENZO(K)FLUORANTHENE	*		1700		58 J		930		140 J		70
BENZO[G,H,I]PERYLENE	*		1400		44 J		960		180 J		92 J
CHRYSENE	384		3000		100 J		2200		290 J		150 J
DIBENZO(A,H)ANTHRACENE	63		420 J		16 J		330 J		45 J		26 J
FLUORANTHENE	600		6500		270		4900		540 J		210 J
FLUORENE	19		960		33 J		590		65 J		17 J
INDENO(1,2,3-CD)PYRENE	*		1800		74 J		1200		210 J		120 J
NAPHTHALENE	160		250 J		ND		140 J		25 J		7.8 J
PHENANTHRENE	240		6000		240		4600		430 J		100 J
PYRENE	665		5500		180 J		4000		480 J		200 J
<i>Other Compounds</i>											
TOTAL SOLIDS (%)	*		65		80		57		41		41

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-26
Study Area 6 - Tissue Analytical Results
Detected Compounds

Analyte	Duplicates Date Collected Sample Delivery Group	PAL	MY06BC01	MY06BC02	MY06BC03	MY06BC04	MY06BC05	MY06BC06	MY06BC07	MY06BC08
			10/8/2001 MYT002	10/8/2001 MYT002	10/8/2001 MYT002	10/8/2001 MYT002	10/8/2001 MYT002	10/8/2001 MYT002	10/8/2001 MYT002	10/10/2001 MYT002
<i>Metals (mg/kg)</i>										
ALUMINUM		1400	654 J	502 J	320 J	556 J	363 J	326 J	360 J	408 J
ANTIMONY		0.54	0.03	0.015	0.007 J	0.01 J	0.014	0.007 J	0.013	0.011
ARSENIC		0.014	7.11	4.39	2.39	4.41	4.73	3.21	1.92	2.44
BARIUM		95000	4.49	3.11	1.93	3.44	2.44	2.4	2.04	2.25
BERYLLIUM		2.7	0.043	0.029	0.018	0.026	0.023	0.02	0.019	0.022
BORON		120000	3.84	3.28	2.66	3.22	3.44	3.15	2.57	3.11
CADMIUM		2.2	0.063	0.056	0.032	0.034	0.028	0.038	0.039	0.041
CALCIUM		*	5970	4450	1900	2580	2410	2470	2570	1560
CHROMIUM		7	1.67	1.12	1.44	1.33	0.96	0.83	1.09	0.88
COBALT		81	1.12	0.447	0.161	0.333	0.177	0.196	0.28	0.292
COPPER		54	2.51 J	26.4 J	2.41 J	1.6 J	1.36 J	5.33 J	1.99 J	4.53 J
IRON		410	2850	1740 J	1080	2110	2090	1630	738	991
LEAD		*	1.8 J	1.96 J	0.846 J	1.07 J	0.984 J	1.22 J	0.559 J	0.832 J
MAGNESIUM		*	874	862	879	925	924	795	723	850
MANGANESE		302	179 J	24.5 J	6.74 J	35.2 J	6.5 J	6.69 J	11.2 J	14.6 J
MERCURY		0.2	0.04	0.04	0.02	0.03	0.03	0.03	0.05	0.05
MOLYBDENUM		6.8	0.45	0.33	0.22	0.22	0.21	0.29	0.34	0.31
NICKEL		4.3	1.58 J	1.81 J	0.47 J	0.68 J	0.43 J	0.89 J	0.49 J	0.69 J
POTASSIUM		*	1850	1790	1310	1660	1490	2210	1610	1770
SELENIUM		6.8	0.5 J	0.45 J	0.25 J	0.33 J	0.31 J	0.38 J	0.35 J	0.4 J
SILVER		11	ND	ND	ND	ND	ND	ND	ND	ND
SODIUM		*	3930	4740	5480	4970	5450	4330	4070	4880
THALLIUM		0.095	0.006 J	0.005 J	ND	0.005 J	ND	ND	0.005 J	0.005 J
VANADIUM		6	4.77	2.37	1.33	2.5	1.62	1.42	1.39	1.67
ZINC		648	18.2	28.1	9.38	14.5	9.76	17	11.9	14.9
<i>PCBs (ug/kg)</i>										
Total Aroclor 1016		45	ND	ND	ND	ND	ND	ND	ND	ND
Total Aroclor 1221		1.6	ND	ND	ND	ND	ND	ND	ND	ND
Total Aroclor 1232		1.6	ND	ND	ND	ND	ND	ND	ND	ND
Total Aroclor 1242		1.6	ND	ND	ND	ND	ND	ND	ND	ND
Total Aroclor 1248		1.6	ND	ND	ND	ND	ND	ND	ND	ND
Total Aroclor 1254		1.6	2.9 J	3 J	1.8 J	2.4 J	1.6 J	2.9 J	2 J	2.3 J
Total Aroclor 1260		1.6	2.7 J	3 J	3.4	2.5 J	1.7 J	3 J	1.8 J	2.1 J
<i>Pesticides (ug/kg)</i>										
4,4'-DDD		13	0.1 J	0.097 J	0.05 J	0.055 J	0.032 J	0.076 J	0.052 J	0.058 J
4,4'-DDE		9.3	0.28 J	0.31 J	0.22 J	0.25 J	0.15 J	0.32 J	0.18 J	0.19 J
4,4'-DDT		64	0.01 J	0.019 J	ND	ND	ND	ND	0.016 J	0.019 J
ALDRIN		1.3	ND	ND	ND	ND	ND	ND	ND	ND
ALPHA-CHLORDANE		17	0.14 J	0.15 J	0.069 J	0.081 J	ND	0.15 J	0.085 J	0.088 J
DIELDRIN		1.4	0.39 J	0.13 J	0.094 J	0.15 J	0.071 J	0.12 J	0.038 J	0.037 J
ENDOSULFAN I		*	ND	ND	0.03 J	ND	ND	ND	ND	ND
ENDOSULFAN II		*	ND	ND	ND	ND	0.16 J	ND	ND	ND
ENDOSULFAN SULFATE		*	0.04 J	ND	0.035 J	0.047 J	0.034 J	0.052 J	0.036 J	0.033 J
ENDRIN		410	ND	ND	ND	ND	ND	ND	ND	ND
ENDRIN ALDEHYDE		*	ND	0.17 J	0.11 J	0.13 J	0.089 J	0.18 J	ND	ND
ENDRIN KETONE		*	ND	ND	ND	ND	ND	ND	0.33	ND
GAMMA-CHLORDANE		17	0.05 J	0.031 J	0.021 J	0.04 J	0.0087 J	0.052 J	0.12 J	0.092 J
HEPTACHLOR		5	ND	ND	ND	ND	0.031 J	ND	ND	ND
HEPTACHLOR EPOXIDE		2.4	0.01 J	ND	ND	ND	ND	ND	0.014 J	0.015 J
LINDANE		17	0.042 J	0.04 J	0.031 J	0.031 J	0.029 J	0.045 J	0.036 J	0.034 J
METHOXYCHLOR		6800	ND	ND	ND	ND	ND	ND	ND	ND
TOXAPHENE		20	ND	ND	ND	ND	ND	ND	ND	ND
ALPHA-BHC		0.5	ND	ND	ND	ND	ND	ND	0.025 J	ND
BETA-BHC		1.8	ND	ND	ND	ND	ND	ND	ND	ND
DELTA-BHC		*	ND	ND	ND	ND	ND	ND	ND	ND
<i>SIM PAHs (ug/kg)</i>										
ACENAPHTHENE		81000	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHYLENE		*	0.29 J	0.42 J	0.4 J	0.39 J	0.38 J	0.5 J	0.2 J	0.21 J
ANTHRACENE		410000	0.31 J	0.42 J	0.34 J	0.91 J	0.39 J	0.49 J	0.23 J	0.24 J
BENZO(A)ANTHRACENE		4.3	2.8	2.3	2	3.6	2.1	2.5	1.7	1.8
BENZO(A)PYRENE		0.43	2.9	2.3	2.2	3.5	2.2	2.5	1.6	1.7
BENZO(B)FLUORANTHENE		4.3	5.6 J	4.3	4	6	3.7	4.6	2.9 J	3.3 J
BENZO(K)FLUORANTHENE		4.3	2	1.6 J	1.3 J	2	1.4 J	1.6	1.1 J	1.1 J
BENZO[G,H,I]PERYLENE		*	4.3	3.6	2.7	3.8	3.1	4	3.5	2.9
DIBENZO(A,H)ANTHRACENE		0.43	0.35 J	0.26 J	0.25 J	0.37 J	0.25 J	0.3 J	0.17 J	0.2 J
CHRYSENE		430	4.5	3.6	3.2	ND	2.8	4	2.8	2.9
FLUORANTHENE		54000	6.7	5.4	4.8	8.6	5	6.5	4.5	4.7

Table 4-26
Study Area 6 - Tissue Analytical Results
Detected Compounds

Analyte	PAL	Duplicates		MY06BC01	MY06BC02	MY06BC03	MY06BC04	MY06BC05	MY06BC06	MY06BC07	MY06BC08
		Date Collected	Sample Delivery Group	10/8/2001 MYT002	10/8/2001 MYT002	10/8/2001 MYT002	10/8/2001 MYT002	10/8/2001 MYT002	10/8/2001 MYT002	10/10/2001 MYT002	10/10/2001 MYT002
FLUORENE	54000			0.24 J	ND	ND	ND	ND	ND	0.15 J	0.17 J
INDENO(1,2,3-CD)PYRENE	43			2.6	1.8	1.7	2.7	1.8	2	1.3 J	1.4 J
NAPHTHALENE	27000			ND	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE	*			1.6 J	1.4 J	1.4 J	4	1.6 J	1.5 J	1.1 J	1.2 J
PYRENE	41000			6.9	5.6	5.1	8.1	5.2	6.8	4.5	4.7
SVOCs (mg/kg)											
1,2,4-TRICHLOROBENZENE	14			ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-TRICHLOROPHENOL	14			ND	0.11 J	ND	ND	ND	0.088 J	ND	ND
2,4,6-TRICHLOROPHENOL	0.29			ND	0.045 J	ND	ND	ND	0.039 J	ND	ND
2,4-DICHLOROPHENOL	4.1			ND	0.054 J	0.015 J	0.007 J	ND	0.038 J	ND	ND
2,4-DIMETHYLPHENOL	27			ND	0.061 J	0.027 J	0.02 J	0.011 J	0.057 J	0.0071 J	ND
2,6-DINITROTOLUENE	1.4			ND	ND	ND	ND	ND	ND	ND	ND
2-CHLOROPHENOL	6.8			ND	ND	ND	ND	ND	ND	ND	ND
2-METHYLNAPHTHALENE	27			ND	ND	ND	ND	ND	ND	ND	ND
2-METHYLPHENOL	62			0.0076 J	0.037 J	0.015 J	0.014 J	0.0093 J	0.033 J	0.013 J	0.011 J
4-CHLORO-3-METHYLPHENOL	*			ND	0.22 J	0.089 J	0.064 J	0.034 J	0.12 J	0.06 J	0.037 J
4-METHYLPHENOL	6.8			0.0052 J	0.07 J	0.03 J	0.022 J	0.021 J	0.06 J	0.0055 J	0.0055 J
4-NITROPHENOL	11			1.3 R	0.35 R	0.12 R	1.6 R	1.6 R	0.24 R	1.6 R	1.3 R
BIS(2-ETHYLHEXYL) PHTHALATE	0.23			ND	ND	ND	ND	ND	ND	0.0054 J	0.0039 J
CARBAZOLE	*			ND	ND	ND	ND	ND	ND	ND	ND
DI-N-BUTYL PHTHALATE	140			ND	ND	ND	ND	ND	ND	ND	ND
DIBENZOFURAN	5.4			ND	ND	ND	ND	ND	ND	ND	ND
ISOPHORONE	3.3			ND	ND	ND	ND	ND	ND	ND	ND
N-NITROSO-DI-N-PROPYLAMINE	0.00045			ND	ND	ND	ND	ND	ND	ND	ND
PENTACHLOROPHENOL	0.026			ND	ND	ND	ND	ND	0.32 J	ND	ND
PHENOL	81			ND	ND	ND	ND	ND	ND	ND	ND
Other Compounds											
PERCENT SOLIDS	*			15.3	13.4	11.8	11.3	10.5	14.2	12	13.2
PERCENT LIPIDS	*			0.78	0.596	0.393	0.464	0.446	0.822	0.596	0.717

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-26
Study Area 6 - Tissue Analytical Results
Detected Compounds

Analyte	PAL	MY06BC09	MY06BC10	MY06BC11	MY06BC12	MY06BC13	MY06BC14	MY06BC15	Duplicates
									Date Collected
		10/10/2001	10/9/2002	10/9/2002	10/9/2002	10/8/2001	10/8/2001	10/8/2001	Sample Delivery Group
		MYT002	MYT002	MYT002	MYT002	MYT002	MYT002	MYT002	
Metals (mg/kg)									
ALUMINUM	1400	311 J	192 J	381 J	365 J	253 J	222 J	268 J	
ANTIMONY	0.54	0.01 J	0.007 J	0.017	0.009 J	0.008 J	0.007 J	0.007 J	
ARSENIC	0.014	2.02	1.88	3.17	1.78	3.16	2.13	2.32	
BARIUM	95000	1.74	1.07	2.31	1.96	1.72	1.25	1.53	
BERYLLIUM	2.7	0.017	0.01 J	0.021	0.021	0.012	0.015	0.018	
BORON	120000	2.85	2.24	3.33	2.75	2.72	2.91	3	
CADMIUM	2.2	0.049	0.046	0.052	0.047	0.051	0.045	0.043	
CALCIUM	*	2410	1940	1920	1470	2740	1790	2330 J	
CHROMIUM	7	0.72	0.48	0.93	0.79	0.73	0.51	0.6	
COBALT	81	0.259	0.228	0.325	0.274	0.339	0.274	0.38	
COPPER	54	2.7 J	2.36 J	11.9 J	3.76 J	1.86 J	7.97 J	10.2 J	
IRON	410	702	482	1340	697	619	635	682	
LEAD	*	0.619 J	0.431 J	0.992 J	0.521 J	0.381 J	0.64 J	0.852 J	
MAGNESIUM	*	773	623	879	801	751	861	891	
MANGANESE	302	11.6 J	20 J	15.3 J	20.4 J	22 J	26 J	42.9 J	
MERCURY	0.2	0.05	0.03	0.06	0.04	0.04	0.04	0.04	
MOLYBDENUM	6.8	0.34	0.26	0.34	0.31	0.3	0.27	0.31	
NICKEL	4.3	0.74 J	0.42 J	3.14 J	0.65 J	0.44 J	2.11 J	0.75 J	
POTASSIUM	*	1780	1520	1930	1910	1750	1560	1450	
SELENIUM	6.8	0.41 J	0.36 J	0.43 J	0.4 J	0.34 J	0.36 J	0.32 J	
SILVER	11	ND	ND	ND	ND	ND	ND	ND	
SODIUM	*	4570	3760	5040	4560	4620	5450	5720	
THALLIUM	0.095	ND	ND	0.006 J	0.006 J	ND	ND	ND	
VANADIUM	6	1.25	0.89	1.66	1.4	1.12	1.12	1.33	
ZINC	648	13.7	12.2	19.7	14.5	11.9	17.7	19.9	
PCBs (ug/kg)									
Total Aroclor 1016	45	ND	ND	ND	ND	ND	ND	ND	
Total Aroclor 1221	1.6	ND	ND	ND	ND	ND	ND	ND	
Total Aroclor 1232	1.6	ND	ND	ND	ND	ND	ND	ND	
Total Aroclor 1242	1.6	ND	ND	ND	ND	ND	ND	ND	
Total Aroclor 1248	1.6	ND	ND	ND	ND	ND	ND	ND	
Total Aroclor 1254	1.6	2.8 J	2.3 J	2.3 J	2.7 J	1.7 J	1.5 J	1.1 J	
Total Aroclor 1260	1.6	2.4 J	2.2 J	2 J	2.6 J	2.2 J	1.7 J	1.6 J	
Pesticides (ug/kg)									
4,4'-DDD	13	0.074 J	0.073 J	0.072 J	0.076 J	0.081 J	0.05 J	0.046 J	
4,4'-DDE	9.3	0.25 J	0.24 J	0.19 J	0.25 J	0.23 J	0.16 J	0.1 J	
4,4'-DDT	64	0.017 J	0.047 J	0.072 J	0.085 J	0.11 J	0.11 J	0.03 J	
ALDRIN	1.3	ND	ND	ND	ND	ND	ND	ND	
ALPHA-CHLORDANE	17	0.12 J	0.098 J	0.083 J	0.096 J	0.071 J	0.055 J	0.048 J	
DIELDRIN	1.4	0.047 J	0.053 J	0.059 J	0.052 J	0.074 J	0.066 J	0.064 J	
ENDOSULFAN I	*	ND	ND	ND	ND	ND	ND	ND	
ENDOSULFAN II	*	ND	ND	ND	ND	ND	0.039 J	0.042 J	
ENDOSULFAN SULFATE	*	0.039 J	0.036 J	0.034 J	0.029 J	0.048 J	0.03 J	0.022 J	
ENDRIN	410	ND	0.03 J	ND	ND	ND	ND	ND	
ENDRIN ALDEHYDE	*	ND	ND	ND	ND	0.1 J	0.07 J	0.065 J	
ENDRIN KETONE	*	0.34 J	0.32 J	ND	0.34	ND	ND	ND	
GAMMA-CHLORDANE	17	0.1 J	0.041 J	0.066 J	0.08 J	0.016 J	ND	ND	
HEPTACHLOR	5	ND	ND	ND	ND	ND	ND	ND	
HEPTACHLOR EPOXIDE	2.4	0.016 J	0.024 J	ND	0.0091 J	0.01 J	0.022 J	0.02 J	
LINDANE	17	0.034 J	0.035 J	0.043 J	0.036 J	0.033 J	0.024 J	0.027 J	
METHOXYCHLOR	6800	ND	ND	ND	ND	ND	ND	ND	
TOXAPHENE	20	ND	ND	ND	ND	ND	ND	ND	
ALPHA-BHC	0.5	0.022 J	0.016 J	0.024 J	0.029 J	0.025 J	0.014 J	0.01 J	
BETA-BHC	1.8	ND	0.19 J	0.16 J	0.4	ND	0.17 J	0.031 J	
DELTA-BHC	*	ND	ND	ND	ND	ND	ND	ND	
SIM PAHs (ug/kg)									
ACENAPHTHENE	81000	ND	ND	0.96 J	ND	ND	ND	ND	
ACENAPHTHYLENE	*	0.26 J	0.18 J	0.19 J	0.2 J	0.27 J	0.24 J	0.38 J	
ANTHRACENE	410000	0.35 J	0.21 J	0.73 J	0.2 J	0.42 J	0.4 J	0.39 J	
BENZO(A)ANTHRACENE	4.3	2.3	1.5 J	3.7	2	1.8	1.8	2.2	
BENZO(A)PYRENE	0.43	1.8 J	1.2 J	3.1 J	1.6	1.5 J	1.5 J	2	
BENZO(B)FLUORANTHENE	4.3	3.5 J	2.3 J	5.9 J	3.4 J	2.8	2.6	3.1	
BENZO(K)FLUORANTHENE	4.3	1.2 J	0.97 J	2.1 J	1.1 J	1.1 J	0.96 J	1.1 J	
BENZO[G,H,I]PERYLENE	*	3.4	2.5	5.4	3.3	2.4	2.7	2.5	
DIBENZO(A,H)ANTHRACENE	0.43	0.21 J	0.14 J	0.37 J	0.2 J	0.17 J	0.16 J	0.2 J	
CHRYSENE	430	3.4	2.5	5.1	3.1	2.7	2.4	2.9	
FLUORANTHENE	54000	5.8	4.1	9.5	4.8	5.4	4.3 J	5.2	

Table 4-26
Study Area 6 - Tissue Analytical Results
Detected Compounds

Analyte	PAL	MY06BC09	MY06BC10	MY06BC11	MY06BC12	MY06BC13	MY06BC14	MY06BC15	Duplicates
									Date Collected
		10/10/2001 MYT002	10/9/2002 MYT002	10/9/2002 MYT002	10/9/2002 MYT002	10/8/2001 MYT002	10/8/2001 MYT002	10/8/2001 MYT002	Sample Delivery Group
FLUORENE	54000	0.18 J	0.13 J	0.35 J	0.14 J	ND	ND	ND	
INDENO(1,2,3-CD)PYRENE	43	1.5 J	0.99 J	2.4 J	1.3 J	1.2 J	1.1 J	1.3 J	
NAPHTHALENE	27000	ND	ND	ND	ND	ND	ND	ND	
PHENANTHRENE	*	1.2 J	0.9 J	3.3 J	1 J	1.8	2	1.9	
PYRENE	41000	5.8	4	9.3	4.9	5.1	4.1	5.2	
SVOCs (mg/kg)									
1,2,4-TRICHLOROBENZENE	14	ND	ND	ND	ND	ND	ND	ND	
2,4,5-TRICHLOROPHENOL	14	ND	ND	ND	ND	ND	ND	ND	
2,4,6-TRICHLOROPHENOL	0.29	ND	ND	ND	ND	ND	ND	ND	
2,4-DICHLOROPHENOL	4.1	ND	ND	ND	ND	ND	ND	ND	
2,4-DIMETHYLPHENOL	27	ND	0.011 J	0.016 J	0.0099 J	0.015 J	0.0068 J	ND	
2,6-DINITROTOLUENE	1.4	ND	ND	ND	ND	ND	ND	ND	
2-CHLOROPHENOL	6.8	ND	ND	ND	ND	ND	ND	ND	
2-METHYLNAPHTHALENE	27	ND	ND	ND	ND	ND	ND	ND	
2-METHYLPHENOL	62	0.011 J	0.012 J	0.017 J	0.012 J	0.01 J	0.0074 J	0.006 J	
4-CHLORO-3-METHYLPHENOL	*	0.035 J	0.043 J	0.34 J	0.14 J	0.036 J	0.018 J	ND	
4-METHYLPHENOL	6.8	0.0065 J	0.023 J	0.04 J	0.028 J	0.027 J	ND	0.016 J	
4-NITROPHENOL	11	1.3 R	ND	0.21 R	1.4 R	1.7 R	1.6 R	1.7 R	
BIS(2-ETHYLHEXYL) PHTHALATE	0.23	0.0036 J	ND	ND	ND	ND	ND	ND	
CARBAZOLE	*	ND	ND	ND	ND	ND	ND	ND	
DI-N-BUTYL PHTHALATE	140	ND	ND	ND	ND	ND	ND	ND	
DIBENZOFURAN	5.4	ND	ND	ND	ND	ND	ND	ND	
ISOPHORONE	3.3	ND	ND	ND	ND	ND	ND	ND	
N-NITROSO-DI-N-PROPYLAMINE	0.00045	ND	ND	ND	ND	ND	ND	ND	
PENTACHLOROPHENOL	0.026	ND	ND	0.14 J	0.033 J	ND	ND	ND	
PHENOL	81	ND	ND	ND	ND	ND	ND	ND	
Other Compounds									
PERCENT SOLIDS	*	13.6	11.5	14	14.9	13.7	11.5	10.8	
PERCENT LIPIDS	*	0.866	0.69	0.733	0.744	0.65	0.48	0.509	

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed

Table 4-26
Study Area 6 - Tissue Analytical Results
Detected Compounds

Analyte	PAL	MY06BC19 Dup. of MY06BC15 10/8/2001 MYT002	MY06BC16 10/8/2001 MYT002	MY06BC17 10/8/2001 MYT002	MY06BC18 10/8/2001 MYT002	MY06BL01 10/10/2001 MYT004	MY06BL02 10/10/2001 MYT004	MY06BL03 10/10/2001 MYT004	Duplicates
									Date Collected
									Sample Delivery Group
Metals (mg/kg)									
ALUMINUM	1400	179 J	192 J	189 J	167	ND	ND	ND	
ANTIMONY	0.54	0.009 J	0.014	0.011	0.017	ND	ND	ND	
ARSENIC	0.014	2	1.33	1.26	1.21	2.72	2.82	2.77	
BARIUM	95000	1	1.12	1.1	0.97	0.12	ND	0.17	
BERYLLIUM	2.7	0.011	0.011	0.043	0.012	ND	ND	ND	
BORON	120000	3.09	2.9	2.58	2.86	1.16	1.05	1.09	
CADMIUM	2.2	0.038 J	0.041	0.04	0.046	ND	ND	ND	
CALCIUM	*	1550 J	2870	2440	1950 J	1630 J	763 J	989 J	
CHROMIUM	7	0.44	0.63	0.52	0.42	ND	ND	0.06 J	
COBALT	81	0.223	0.215	0.263	0.245	0.009 J	0.01 J	0.006 J	
COPPER	54	2.32 J	26.6 J	6.24 J	5.76 J	8.54	8.03	6.71	
IRON	410	580	400	342	310	ND	ND	ND	
LEAD	*	0.416 J	1.25 J	0.514 J	0.4 J	0.03	0.015	0.035	
MAGNESIUM	*	916	878	807	874	412	382	376	
MANGANESE	302	16.8 J	6 J	9.07 J	8.63 J	1.28	0.66	0.82	
MERCURY	0.2	0.03	0.05	0.05	0.05	0.2	0.18	0.21	
MOLYBDENUM	6.8	0.24	0.32	0.3	0.29	0.01 J	0.01 J	0.03	
NICKEL	4.3	0.34 J	1.63 J	0.73 J	0.61 J	0.06 J	0.07 J	0.05 J	
POTASSIUM	*	1330	1420	1500	1520	2590	2560	2660	
SELENIUM	6.8	0.31 J	0.38 J	0.34 J	0.34 J	0.47	0.46	0.41	
SILVER	11	ND	ND	ND	ND	0.21 J	0.239 J	0.171 J	
SODIUM	*	6130	5880	5220	5840	4040	4030	3560	
THALLIUM	0.095	ND	ND	ND	ND	ND	ND	ND	
VANADIUM	6	0.96	0.82	0.87	0.73	ND	ND	ND	
ZINC	648	12.4	27.7	16.2	13.7	19.3	23.3	19.6	
PCBs (ug/kg)									
Total Aroclor 1016	45	ND	ND	ND	ND	ND	ND	ND	
Total Aroclor 1221	1.6	ND	ND	ND	ND	ND	ND	ND	
Total Aroclor 1232	1.6	ND	ND	ND	ND	ND	ND	ND	
Total Aroclor 1242	1.6	ND	ND	ND	ND	ND	ND	ND	
Total Aroclor 1248	1.6	ND	ND	ND	ND	ND	ND	ND	
Total Aroclor 1254	1.6	0.85 J	1.1 J	1.8 J	1.1 J	ND	ND	ND	
Total Aroclor 1260	1.6	1.7 J	1.1 J	1.8 J	1.2 J	ND	ND	ND	
Pesticides (ug/kg)									
4,4'-DDD	13	0.036 J	0.035 J	0.066 J	0.042 J	ND	ND	ND	
4,4'-DDE	9.3	0.088 J	0.11 J	0.2 J	0.14 J	0.48 J	0.39 J	0.58 J	
4,4'-DDT	64	ND	ND	ND	ND	ND	ND	ND	
ALDRIN	1.3	ND	ND	ND	ND	ND	ND	ND	
ALPHA-CHLORDANE	17	0.024 J	0.085 J	0.12 J	0.063 J	0.025 J	0.024 J	0.025 J	
DIELDRIN	1.4	0.038 J	0.047 J	0.06 J	0.06 J	0.21 J	0.18 J	0.22 J	
ENDOSULFAN I	*	ND	ND	ND	ND	ND	ND	ND	
ENDOSULFAN II	*	0.028 J	ND	ND	0.039 J	ND	ND	ND	
ENDOSULFAN SULFATE	*	0.026 J	0.031 J	0.029 J	0.032 J	0.017 J	ND	ND	
ENDRIN	410	ND	ND	ND	ND	ND	ND	ND	
ENDRIN ALDEHYDE	*	0.041 J	0.048 J	0.099 J	0.063 J	ND	ND	ND	
ENDRIN KETONE	*	ND	ND	ND	ND	ND	ND	ND	
GAMMA-CHLORDANE	17	ND	0.014 J	0.014 J	0.013 J	ND	ND	ND	
HEPTACHLOR	5	0.015 J	ND	ND	ND	ND	ND	ND	
HEPTACHLOR EPOXIDE	2.4	ND	0.015 J	0.0093 J	ND	0.012 J	0.0091 J	0.0098 J	
LINDANE	17	0.11 J	0.027 J	0.029 J	0.025 J	ND	ND	ND	
METHOXYCHLOR	6800	ND	ND	ND	ND	ND	ND	ND	
TOXAPHENE	20	ND	ND	ND	ND	ND	ND	ND	
ALPHA-BHC	0.5	ND	0.012 J	0.019 J	0.012 J	ND	ND	0.021 J	
BETA-BHC	1.8	0.087 J	0.056 J	0.035 J	0.1 J	ND	ND	ND	
DELTA-BHC	*	ND	ND	ND	ND	ND	ND	ND	
SIM PAHs (ug/kg)									
ACENAPHTHENE	81000	ND	ND	ND	ND	0.057 J	0.041 J	0.049 J	
ACENAPHTHYLENE	*	ND	ND	0.26 J	0.26 J	0.19 J	0.2 J	0.14 J	
ANTHRACENE	410000	ND	0.22 J	1.2 J	0.31 J	0.095 J	0.08 J	0.072 J	
BENZO(A)ANTHRACENE	4.3	0.84 J	1 J	3.6	1.3 J	ND	ND	ND	
BENZO(A)PYRENE	0.43	0.74 J	0.88 J	2.8	1.2 J	0.16 J	0.16 J	0.26 J	
BENZO(B)FLUORANTHENE	4.3	1.3 J	1.6 J	4.4	2.1 J	0.4 J	0.32 J	0.55 J	
BENZO(K)FLUORANTHENE	4.3	0.56 J	0.68 J	1.7	0.83 J	0.16 J	0.11 J	0.25 J	
BENZO[G,H,I]PERYLENE	*	1.4 J	1.7	3.6	2.4	ND	ND	ND	
DIBENZO(A,H)ANTHRACENE	0.43	0.13 J	0.11 J	0.26 J	0.16 J	0.025 J	0.017 J	0.028 J	
CHRYSENE	430	1.2 J	1.5 J	4.1	2.3	0.74 J	0.68 J	0.9 J	
FLUORANTHENE	54000	2 J	2.7	9.6	3.8 J	2 J	1.6 J	2.1 J	

Table 4-26
Study Area 6 - Tissue Analytical Results
Detected Compounds

Analyte	PAL	MY06BC19 Dup. of MY06BC15 10/8/2001 MYT002	MY06BC16 10/8/2001 MYT002	MY06BC17 10/8/2001 MYT002	MY06BC18 10/8/2001 MYT002	MY06BL01 10/10/2001 MYT004	MY06BL02 10/10/2001 MYT004	MY06BL03 10/10/2001 MYT004	Duplicates
									Date Collected
									Sample Delivery Group
FLUORENE	54000	ND	ND	ND	ND	ND	0.11 J	0.11 J	
INDENO(1,2,3-CD)PYRENE	43	0.57 J	0.66 J	1.8	0.86 J	0.14 J	0.11 J	0.22 J	
NAPHTHALENE	27000	ND	ND	ND	ND	ND	ND	ND	
PHENANTHRENE	*	0.71 J	ND	5.6	1.4 J	ND	ND	ND	
PYRENE	41000	2 J	2.7	8.4	3.7	1.4 J	1 J	1.5 J	
SVOCs (mg/kg)									
1,2,4-TRICHLOROBENZENE	14	ND	ND	ND	ND	ND	ND	ND	
2,4,5-TRICHLOROPHENOL	14	ND	ND	ND	ND	0.11 J	0.023 J	0.02 J	
2,4,6-TRICHLOROPHENOL	0.29	ND	ND	ND	ND	0.04 J	ND	ND	
2,4-DICHLOROPHENOL	4.1	ND	ND	ND	ND	0.036 J	ND	ND	
2,4-DIMETHYLPHENOL	27	ND	ND	ND	ND	0.051 J	0.019 J	0.02 J	
2,6-DINITROTOLUENE	1.4	ND	ND	ND	ND	ND	ND	ND	
2-CHLOROPHENOL	6.8	ND	ND	ND	ND	0.014 J	ND	ND	
2-METHYLNAPHTHALENE	27	ND	ND	ND	ND	ND	ND	ND	
2-METHYLPHENOL	62	0.0057 J	0.0047 J	0.0052 J	0.0043 J	0.026 J	0.01 J	0.012 J	
4-CHLORO-3-METHYLPHENOL	*	0.088 J	ND	ND	ND	0.1 J	0.035 J	0.037 J	
4-METHYLPHENOL	6.8	ND	0.022 J	ND	0.02 J	0.033 J	0.015 J	0.013 J	
4-NITROPHENOL	11	0.12 R	1.7 R	1.3 R	1.5 R	0.14 R	2.8 R	0.038 R	
BIS(2-ETHYLHEXYL) PHTHALATE	0.23	ND	ND	ND	ND	ND	0.018 J	ND	
CARBAZOLE	*	ND	ND	ND	ND	ND	ND	ND	
DI-N-BUTYL PHTHALATE	140	ND	ND	ND	ND	ND	0.01 J	0.0099 J	
DIBENZOFURAN	5.4	ND	ND	ND	ND	ND	ND	ND	
ISOPHORONE	3.3	ND	ND	ND	ND	ND	ND	ND	
N-NITROSO-DI-N-PROPYLAMINE	0.00045	ND	ND	ND	ND	2.9 R	2.8 R	2.8 R	
PENTACHLOROPHENOL	0.026	ND	ND	ND	ND	0.34 J	0.061 J	ND	
PHENOL	81	ND	ND	ND	ND	ND	ND	ND	
Other Compounds									
PERCENT SOLIDS	*	9.66	10.6	12	12	15.4	14.8	16.7	
PERCENT LIPIDS	*	0.412	0.431	0.552	0.463	1.14	0.896	1.24	

Notes:

PAL = Project Action Limit

* PAL Not Available

Bold values indicate an exceedence of the PAL

J = Estimated Value

R = Rejected Value

ND = Compound(s) Not Detected

NA = Compound(s) Not Analyzed

Table 4-26
Study Area 6 - Tissue Analytical Results
Detected Compounds

Analyte	PAL	MY06BL04 10/10/2001 MYT004	MY06BL05 Dup. of MY05BL04 10/10/2001 MYT004	MY06BL06 10/10/2001 MYT004	MY06BM01 10/10/2001 MYT003	MY06BM02 10/10/2001 MYT003	MY06BM03 10/10/2001 MYT003	MY06BM04 10/10/2001 MYT003	Duplicates
									Date Collected
Sample Delivery Group									
<i>Metals (mg/kg)</i>									
ALUMINUM	1400	ND	ND	ND	55.1 J	53.4 J	90 J	144 J	
ANTIMONY	0.54	ND	ND	ND	ND	ND	ND	ND	
ARSENIC	0.014	2.46	2.86	4.29	0.99	0.72	1.39	1.01	
BARIUM	95000	ND	0.09 J	0.06 J	0.31 J	0.32 J	0.56 J	0.63 J	
BERYLLIUM	2.7	ND	ND	ND	ND	ND	0.005 J	0.008 J	
BORON	120000	0.99	1.06	1.24	4.09	3.77	4.32	4.41	
CADMIUM	2.2	ND	ND	0.85	0.181	0.164	0.317	0.238	
CALCIUM	*	422 J	902 J	557	537 J	639 J	631 J	698 J	
CHROMIUM	7	ND	0.05 J	0.18	0.34	0.97	0.46	0.54	
COBALT	81	0.005 J	0.006 J	0.12	0.074	0.072	0.13	0.126	
COPPER	54	15.2 J	10.5	49.9	2.19 J	1.05 J	2.63 J	1.59 J	
IRON	410	ND	ND	25	86 J	68 J	128 J	184 J	
LEAD	*	0.074	0.089	0.04	0.202	0.168	0.323	0.268	
MAGNESIUM	*	341	371	232	730 J	749	653	818	
MANGANESE	302	0.45	0.68	2.65	3.86	3.88 J	4.37 J	9 J	
MERCURY	0.2	0.15	0.19	0.09	0.04	0.04	0.06	0.05	
MOLYBDENUM	6.8	0.01 J	0.02	0.36	0.1	0.09 J	0.22	0.11	
NICKEL	4.3	0.14	0.32	0.24	0.27	0.19	0.5	0.34	
POTASSIUM	*	2690	2700	2130	1270	1050	1620	1350	
SELENIUM	6.8	0.38	0.49	1.04	0.31 J	0.28 J	0.52 J	0.39 J	
SILVER	11	0.163 J	0.228	0.708	ND	ND	0.008 J	0.006 J	
SODIUM	*	3130	3040	3160	5130	5310	4490	5570	
THALLIUM	0.095	ND	ND	ND	ND	ND	ND	ND	
VANADIUM	6	ND	ND	0.2	0.26 J	0.22 J	0.42 J	0.5 J	
ZINC	648	14.3	22.5	16.1	8.95	7.3	13	10.8	
<i>PCBs (ug/kg)</i>									
Total Aroclor 1016	45	ND	3.3 R	7 R	ND	ND	ND	ND	
Total Aroclor 1221	1.6	ND	3.3 R	7 R	ND	ND	ND	ND	
Total Aroclor 1232	1.6	ND	3.3 R	7 R	ND	ND	ND	ND	
Total Aroclor 1242	1.6	ND	3.3 R	7 R	ND	ND	ND	ND	
Total Aroclor 1248	1.6	ND	3.3 R	7 R	ND	ND	ND	ND	
Total Aroclor 1254	1.6	ND	3.3 R	7 R	ND	ND	ND	ND	
Total Aroclor 1260	1.6	ND	2.2 J	130 J	ND	ND	ND	ND	
<i>Pesticides (ug/kg)</i>									
4,4'-DDD	13	ND	0.1 J	2.6 J	0.15 J	0.16 J	0.2 J	0.13 J	
4,4'-DDE	9.3	0.4 J	0.54 J	38 J	0.5	0.42	0.62	0.36 J	
4,4'-DDT	64	ND	0.056 J	1.1 J	0.033 J	0.033 J	0.044 J	0.021 J	
ALDRIN	1.3	ND	0.33 R	0.7 R	ND	ND	ND	ND	
ALPHA-CHLORDANE	17	0.018 J	0.024 J	0.91 J	0.15 J	0.14 J	0.22 J	0.13 J	
DIELDRIN	1.4	0.18 J	0.22 J	2.6 J	0.045 J	0.059 J	0.06 J	0.061 J	
ENDOSULFAN I	*	ND	0.33 R	0.7 R	ND	ND	ND	ND	
ENDOSULFAN II	*	ND	0.33 R	0.7 R	ND	0.12 J	ND	0.12 J	
ENDOSULFAN SULFATE	*	ND	0.33 R	0.7 R	0.052 J	0.04 J	0.052 J	0.039 J	
ENDRIN	410	ND	0.33 R	0.7 R	ND	ND	ND	ND	
ENDRIN ALDEHYDE	*	ND	0.33 R	3.8 J	ND	ND	ND	ND	
ENDRIN KETONE	*	ND	0.3 J	0.63 J	0.4	ND	0.37	0.48	
GAMMA-CHLORDANE	17	ND	0.033 J	0.2 J	0.052 J	0.062 J	0.076 J	ND	
HEPTACHLOR	5	ND	0.33 R	0.7 R	ND	ND	ND	ND	
HEPTACHLOR EPOXIDE	2.4	0.0086 J	0.33 R	0.47 J	ND	ND	0.014 J	ND	
LINDANE	17	ND	0.4 J	0.26 J	0.031 J	0.024 J	0.034 J	0.028 J	
METHOXYCHLOR	6800	ND	0.33 R	0.7 R	ND	ND	ND	ND	
TOXAPHENE	20	ND	33 R	70 R	ND	ND	ND	ND	
ALPHA-BHC	0.5	ND	0.33 R	1.1 J	0.019 J	0.02 J	0.03 J	0.017 J	
BETA-BHC	1.8	ND	0.33 R	0.7 R	ND	ND	ND	ND	
DELTA-BHC	*	ND	0.33 R	0.7 R	ND	ND	ND	ND	
<i>SIM PAHs (ug/kg)</i>									
ACENAPHTHENE	81000	0.047 J	0.063 R	0.82 J	ND	ND	ND	1.1 J	
ACENAPHTHYLENE	*	0.19 J	0.19 J	1.9 J	0.33 J	0.22 J	0.34 J	0.25 J	
ANTHRACENE	410000	0.077 J	0.2 J	1.3 J	0.43 J	0.3 J	0.42 J	2.4 J	
BENZO(A)ANTHRACENE	4.3	ND	0.37 J	5.6 J	1.5 J	1 J	1.5 J	6.7	
BENZO(A)PYRENE	0.43	0.16 J	0.24 J	2.7 J	0.88 J	0.64 J	0.9 J	6	
BENZO(B)FLUORANTHENE	4.3	0.34 J	0.53 J	8.8 J	2.8	1.8	2.8	9.5	
BENZO(K)FLUORANTHENE	4.3	0.16 J	0.2 J	2.7 J	1 J	0.73 J	0.99 J	3.2	
BENZO(G,H,I)PERYLENE	*	ND	0.23 R	3.3 J	ND	ND	ND	4.2	
DIBENZO(A,H)ANTHRACENE	0.43	0.023 J	0.032 J	0.49 J	0.15 J	0.087 J	0.12 J	0.7 J	
CHRYSENE	430	0.77 J	0.85 J	20 J	2.2	1.6	2.3	8.5	
FLUORANTHENE	54000	1.6 J	1.9	55 J	4.3	3.2	4.7	18	

Table 4-26
Study Area 6 - Tissue Analytical Results
Detected Compounds

Analyte	PAL	MY06BL04 10/10/2001 MYT004	MY06BL05 Dup. of MY05BL04 10/10/2001 MYT004	MY06BL06 10/10/2001 MYT004	MY06BM01 10/10/2001 MYT003	MY06BM02 10/10/2001 MYT003	MY06BM03 10/10/2001 MYT003	MY06BM04 10/10/2001 MYT003	Duplicates Date Collected Sample Delivery Group
FLUORENE	54000	0.17 J	0.12 R	1.9 J	ND	ND	ND	1.2 J	
INDENO(1,2,3-CD)PYRENE	43	0.12 J	0.17 J	2.6 J	0.76 J	0.56 J	0.84 J	4.2	
NAPHTHALENE	27000	ND	1.2 R	4.8 J	ND	ND	ND	ND	
PHENANTHRENE	*	ND	0.39 R	6.7 J	ND	ND	ND	11	
PYRENE	41000	1 J	1.4 J	43 J	4.5	3.4	4.8	15	
SVOCs (mg/kg)									
1,2,4-TRICHLOROBENZENE	14	ND	ND	ND	ND	ND	ND	ND	
2,4,5-TRICHLOROPHENOL	14	0.013 J	0.016 J	ND	ND	ND	ND	ND	
2,4,6-TRICHLOROPHENOL	0.29	ND	ND	ND	ND	ND	ND	ND	
2,4-DICHLOROPHENOL	4.1	ND	ND	ND	ND	ND	ND	ND	
2,4-DIMETHYLPHENOL	27	0.018 J	0.021 J	0.069 J	ND	ND	ND	ND	
2,6-DINITROTOLUENE	1.4	ND	ND	ND	ND	ND	ND	ND	
2-CHLOROPHENOL	6.8	ND	ND	ND	ND	ND	ND	ND	
2-METHYLNAPHTHALENE	27	ND	ND	ND	ND	ND	ND	0.0025 J	
2-METHYLPHENOL	62	0.0088 J	0.01 J	0.082 J	ND	ND	ND	ND	
4-CHLORO-3-METHYLPHENOL	*	0.03 J	0.041 J	0.44 J	ND	ND	ND	ND	
4-METHYLPHENOL	6.8	0.012 J	0.016 J	0.074 J	ND	ND	ND	ND	
4-NITROPHENOL	11	2.9 R	ND	7.1 R	1.3 R	1.4 R	1.3 R	1.4 R	
BIS(2-ETHYLHEXYL) PHTHALATE	0.23	ND	ND	0.11 J	ND	ND	ND	ND	
CARBAZOLE	*	ND	ND	ND	ND	ND	ND	0.017 J	
DI-N-BUTYL PHTHALATE	140	0.011 J	0.026 J	ND	ND	ND	ND	ND	
DIBENZOFURAN	5.4	ND	ND	ND	ND	ND	ND	0.0054 J	
ISOPHORONE	3.3	ND	ND	ND	0.015 J	0.0091 J	0.018 J	0.0093 J	
N-NITROSO-DI-N-PROPYLAMINE	0.00045	2.9 R	ND	ND	ND	ND	ND	ND	
PENTACHLOROPHENOL	0.026	0.033 J	0.035 J	0.11 J	ND	ND	ND	ND	
PHENOL	81	ND	ND	ND	ND	ND	ND	ND	
Other Compounds									
PERCENT SOLIDS	*	16	16.7	25.5	9.06	8.62	12.2	9.47	
PERCENT LIPIDS	*	1.23	0.422	12.2	0.719	0.67	0.927	0.52	

Notes:

- PAL = Project Action Limit
- * PAL Not Available
- Bold values indicate an exceedence of the PAL
- J = Estimated Value
- R = Rejected Value
- ND = Compound(s) Not Detected
- NA = Compound(s) Not Analyzed