

Table 1  
Exceedances of Tier 1 Remedial Objectives  
Excavation Wall Samples in the 0 to 3 foot Depth Interval  
Champaign MGP

Constituent	Soil Ingestion			Soil Inhalation			Indoor Air		Soil Component to Groundwater <sup>(4)</sup>	IEPA Accepted Background Levels for MSA	Sample Location: Sample ID: Sample Date: Sample Depth (feet):	P1-A1-W	P1-A2-W	P1-A3-W	P1-A4-W	P1-A5-W	P2-A1-W	P2-A2-W	P2-A3-W	P3-A1-W	P3-A2.5-W
	Residential	Commercial	Construction	Residential	Commercial	Construction	Residential	Commercial				P1-A1-W (0-3)	P1-A2-W (0-3)	P1-A3-W (3)	P1-A4-W (3)	P1-A5-W(3)	P2-A1-W (3)	P2-A2-W (3)	P2-A3-W (3)	P3-A1-W (3)	P3-A2.5-W (3)
<b>BTEX Constituents (mg/kg)</b>																					
Benzene	12	100	2,300	0.8	1.6	2.2	0.069	0.51	0.03	---	0.303	3.96	154	0.115	1.39	15.8	0.684	<0.99	11.7	3.59	
Ethylbenzene	7,800	200,000	20,000	400	400	58	130	130	13	---	0.330	16.9	72.0	0.207	22.2	6.8	0.53	3.5	2.4	5.83	
Toluene	16,000	410,000	41,000	650	650	42	240	240	12	---	0.660	<5.76	<97.7	0.047	<5.17	10	0.44	<4.95	9.99	2.04	
m,p-Xylenes	16,000	410,000	41,000	420 <sup>(1)</sup>	420 <sup>(1)</sup>	5.9 <sup>(2)</sup>	75 <sup>(2)</sup>	120 <sup>(2)</sup>	200 <sup>(2)</sup>	---	0.540	8.77	50.0	0.194	8.54	25.5	1.1	1	14	13.2	
o-Xylene	16,000	410,000	41,000	410	410	6.5	98	140	190	---	0.270	5.7	<97.7	0.120	7.77	13	0.63	1.3	5.6	1.72	
Xylenes	16,000	410,000	41,000	320	320	5.6	63	100	150	---	0.810	14.470	50.0	0.314	16.310	38.5	1.73	2.3	19.6	14.92	
<b>PNA Constituents (mg/kg)</b>																					
Acenaphthene	4,700	120,000	120,000	---	---	---	---	---	570	0.13	4.21	56.3	160	0.31	60.7	13.1	0.42	31.6	6.14	2.95	
Acenaphthylene	2,300 <sup>(4)</sup>	61,000 <sup>(4)</sup>	61,000 <sup>(4)</sup>	---	---	---	---	---	85 <sup>(4)</sup>	0.07	64.8	7.59	17	0.12	4.63	12.8	0.61	8.18	27.7	1.81	
Anthracene	23,000	610,000	610,000	---	---	---	---	---	12,000	0.4	16.1	33.2	86	0.21	26.3	11.6	0.785	14.4	52.1	4.99	
Benzo(a)anthracene	0.90	8	170	---	---	---	---	---	2	1.8	72	15.3	49	0.22	12	9.11	1.08	10.2	145	3.54	
Benzo(a)pyrene	0.09	0.80	17	---	---	---	---	---	8	2.1	166	14.2	44	0.3	11.4	7.49	0.886	14.8	146	2.16	
Benzo(b)fluoranthene	0.90	8	170	---	---	---	---	---	5	2.1	151	11.6	39	0.25	8.61	8.17	1.08	12.1	182	2.62	
Benzo(g,h,i)perylene	2,300 <sup>(4)</sup>	61,000 <sup>(4)</sup>	61,000 <sup>(4)</sup>	---	---	---	---	---	27,000 <sup>(4)</sup>	1.7	106	4.94	21	0.18	4.86	2.07	0.246	7.27	83.6	0.854	
Benzo(k)fluoranthene	9	78	1,700	---	---	---	---	---	49	1.7	42.4	4.31	13	0.087	3.02	3.06	0.432	3.66	70	0.889	
Bis(2-ethylhexyl)phthalate	46	410	4,100	31,000	31,000	31,000	---	---	3,600	---	<16.6	<8.67	<55	<0.092	<8.61	<7.82	<2.4	<4.43	<47.1	<14.3	
Chrysene	88	780	17,000	---	---	---	---	---	160	2.7	70	16.1	49	0.24	13.3	9.77	1.2	12.7	146	2.96	
Dibenzo(a,h)anthracene	0.09	0.80	17	---	---	---	---	---	2	0.42	23.3	1.38	5.5	0.044	1.16	1.05	<0.122	1.78	23.6	<0.726	
Fluoranthene	3,100	82,000	82,000	---	---	---	---	---	4,300	4.1	81.7	36.8	110	0.37	28.8	24.3	2.55	20.8	321	8.91	
Fluorene	3,100	82,000	82,000	---	---	---	---	---	560	0.18	6.66	38.3	65	0.16	25.2	17.3	0.775	13.6	21.7	5.95	
Indeno(1,2,3-cd)pyrene	0.90	8.00	170	---	---	---	---	---	14	1.6	78.1	4.32	17	0.14	3.64	2.48	0.297	5.6	83.3	1.1	
Naphthalene	1,600	41,000	4,100	170	270	1.8	34	34	12	0.2	10.8	141	340	0.38	187	44.9	1.59	37.1	45.2	19.2	
Phenanthrene	2,300 <sup>(4)</sup>	61,000 <sup>(4)</sup>	61,000 <sup>(4)</sup>	---	---	---	---	---	200 <sup>(4)</sup>	2.5	17.5	104	260	0.48	77.8	43.6	2.68	50.5	161	15.2	
Pyrene	2,300	61,000	61,000	---	---	---	---	---	4,200	3	160	47.3	150	0.49	39.9	17.2	1.86	30.4	275	6.74	
<b>Metals (mg/kg)</b>																					
Mercury	23	610	61	10	16	0.10	0.45	0.45	6.4	0.06	0.09	0.064	0.096	0.048	0.046	0.029	0.044	0.043	0.043	0.034	
Selenium	390	10,000	1,000	---	---	---	---	---	3.3	0.48	0.934	<0.588	1.78	3.78	0.49	0.582	7.02	0.587	0.46	<0.556	
Arsenic	13.0	13.0	61.0	750	1,200	25,000	---	---	30	13	3.17	<2.5	3.29	<1.3	1.2	1.2	2.4	2.51	3.43	5.54	
Barium	5,500	140,000	14,000	690,000	910,000	870,000	---	---	1,800	110	69.9	115	66	92.5	101	107	94.5	105	124	47.5	
Cadmium	78	2,000	200	1,800	2,800	59,000	---	---	59	0.6	0.74	0.11	0.52	0.83	0.15	0.42	0.66	0.18	0.34	0.1	
Chromium	230	6,100	4,100	270	420	690	---	---	32	16.2	12.4	24.9	23.2	19.9	25.5	20.1	19.1	24.4	18.3	13.9	
Lead	400	800	700	---	---	---	---	---	107	36	52.5	15.7	16.5	19.8	18.3	14.8	29.6	23.4	16.8	15.7	
Silver	390	10,000	1,000	---	---	---	---	---	39	0.55	<0.53	<0.55	<0.52	<0.52	0.53	<0.53	<0.52	<0.52	<0.51	<0.52	
Cyanide, Amenable to Chlorination	1,600	41,000	4,100	---	---	---	---	---	40	0.51	<0.627	<2.65	8.89	Interference	Interference	Interference	Interference	Interference	6.67	<0.726	
Cyanide (Total)	---	---	---	---	---	---	---	---	---	---	3.68	16.5	68.7	4.14	0.65	2.3	9.3	3.85	7.66	0.51	

Notes:  
<sup>(1)</sup> Objective is for m-xylene  
<sup>(2)</sup> Objective is for p-xylene  
<sup>(3)</sup> Objectives are for Class I groundwater.  
<sup>(4)</sup> Non-TACO or provisional ROs provided by the IEPA.  
 --- No objective has been published for this constituent by the IEPA, or the sample was not analyzed for this constituent.  
 Concentration exceeds one or more project remediation objective.

Table 1  
Exceedances of Tier 1 Remedial Objectives  
Excavation Wall Samples in the 0 to 3 foot Depth Interval  
Champaign MGP

Constituent	Soil Ingestion			Soil Inhalation			Indoor Air		Soil Component to Groundwater <sup>(3)</sup>	IEPA Accepted Background Levels for MSA	Sample Location: Sample ID: Sample Date: Sample Depth (feet):	P3-A3-W	P3-A4-W	P3-F.5-W	P3-G-W	P3-G.5-W	P3-H-W	P3-H.5-W	P4-A1-W	P4-A2-W
	Residential	Commercial	Construction	Residential	Commercial	Construction	Residential	Commercial				P3-A3-W (3)	P3-A4-W (3)	P3-F.5-W (3)	P3-G-W (3)	P3-G.5-W (3)	P3-H-W (3)	P3-H.5-W (3)	P4-A1-W (3)	P4-A2-W (3)
<b><i>BTEX Constituents (mq/kg)</i></b>																				
Benzene	12	100	2,300	0.8	1.6	2.2	0.069	0.51	0.03	---	2.26	5.61	1.2	29.7	31.7	0.0082	0.0065	3.65	7.3	
Ethylbenzene	7,800	200,000	20,000	400	400	58	130	130	13	---	1.89	1.91	<5.99	4.6	<2.55	0.0024	0.0026	9.75	49.6	
Toluene	16,000	410,000	410,000	650	650	42	240	240	12	---	5.52	2	<5.99	31.1	<2.55	0.0029	0.0048	<6.5	<29	
m,p-Xylenes	16,000	410,000	41,000	420 <sup>(1)</sup>	420 <sup>(1)</sup>	5.9 <sup>(2)</sup>	75 <sup>(2)</sup>	120 <sup>(2)</sup>	200 <sup>(2)</sup>	---	13.1	2.38	<5.99	16.7	<2.55	0.0041	0.0056	2.4	13.7	
o-Xylene	16,000	410,000	41,000	410	410	6.5	98	140	190	---	5.54	1.43	<5.99	7.45	<2.55	0.0023	0.0022	<6.5	15.6	
Xylenes	16,000	410,000	41,000	320	320	5.6	63	100	150	---	18.64	3.81	<5.99	24.15	<2.55	0.0064	0.0078	2.4	29.3	
<b><i>PNA Constituents (mq/kg)</i></b>																				
Acenaphthene	4,700	120,000	120,000	---	---	---	---	---	570	0.13	10.3	24.8	0.53	2.21	0.638	0.037	0.345	22.4	117	
Acenaphthylene	2,300 <sup>(4)</sup>	61,000 <sup>(4)</sup>	61,000 <sup>(4)</sup>	---	---	---	---	---	85 <sup>(4)</sup>	0.07	18.6	9.2	1.27	7.79	2.01	0.456	1.0	1.43	6.72	
Anthracene	23,000	610,000	610,000	---	---	---	---	---	12,000	0.4	29.7	26.3	1.87	5.26	1.67	0.25	1.91	6.59	40.3	
Benzo(a)anthracene	0.90	8	170	---	---	---	---	---	2	1.8	19	38.9	4.06	3.12	1.09	1.43	11.7	3.55	19.8	
Benzo(a)pyrene	0.09	0.80	17	---	---	---	---	---	8	2.1	14.7	41.3	3.56	3.05	1.03	1.62	13.1	3.35	17.1	
Benzo(b)fluoranthene	0.90	8	170	---	---	---	---	---	5	2.1	16.6	46.3	4.58	2.52	0.852	2.51	18.5	2.62	13.1	
Benzo(g,h,i)perylene	2,300 <sup>(4)</sup>	61,000 <sup>(4)</sup>	61,000 <sup>(4)</sup>	---	---	---	---	---	27,000 <sup>(4)</sup>	1.7	5.53	19.8	1.86	1.29	0.427	1.34	7.52	1.33	6.94	
Benzo(k)fluoranthene	9	78	1,700	---	---	---	---	---	49	1.7	6.59	17.2	1.78	0.822	0.294	0.835	6.27	0.85	4.05	
Bis(2-ethylhexyl)phthalate	46	410	4,100	31,000	31,000	31,000	---	---	3,600	---	<11.1	<13.7	<11.2	<2.3	<2.19	<0.762	<1.55	<4.93	<9.3	
Chrysene	88	780	17,000	---	---	---	---	---	160	2.7	19	40.4	3.78	2.95	1.03	1.7	12.4	3.36	20	
Dibenzo(a,h)anthracene	0.09	0.80	17	---	---	---	---	---	2	0.42	2.75	5.82	0.55	0.315	0.11	0.369	2.5	0.377	1.92	
Fluoranthene	3,100	82,000	82,000	---	---	---	---	---	4,300	4.1	50.8	95.9	6.35	6.01	2.19	1.97	18	7.18	43.7	
Fluorene	3,100	82,000	82,000	---	---	---	---	---	560	0.18	37.9	21.9	1.59	6.31	1.6	0.113	0.518	8.75	62.1	
Indeno(1,2,3-cd)pyrene	0.90	8.00	170	---	---	---	---	---	14	1.6	5.99	19.5	1.82	1.01	0.341	1.2	7.38	1.11	5.5	
Naphthalene	1,600	41,000	4,100	170	270	1.8	34	34	12	0.2	140	14.7	10.6	52.6	15.9	0.338	0.386	65.5	330	
Phenanthrene	2,300 <sup>(4)</sup>	61,000 <sup>(4)</sup>	61,000 <sup>(4)</sup>	---	---	---	---	---	200 <sup>(4)</sup>	2.5	90.4	94.9	5.61	18	5.27	0.825	6.86	23.1	147	
Pyrene	2,300	61,000	61,000	---	---	---	---	---	4,200	3	37.5	82.5	5.77	8.16	2.77	2.18	17.1	9.79	62.6	
<b><i>Metals (mq/kg)</i></b>																				
Mercury	23	610	61	10	16	0.10	0.45	0.45	6.4	0.06	0.042	0.059	0.052	0.012	0.008	0.328	0.307	0.049	0.032	
Selenium	390	10,000	1,000	---	---	---	---	---	3.3	0.48	0.799	3.56	<0.566	<0.545	<0.556	<0.566	<0.588	<0.577	0.42	
Arsenic	13.0	13.0	61.0	750	1,200	25,000	---	---	30	13	2.91	4.08	7.41	7.24	5.01	2.84	<2.4	<2.45	<2.31	
Barium	5,500	140,000	14,000	690,000	910,000	870,000	---	---	1,800	110	43.5	79.7	81.6	58.7	17.5	118	136	134	153	
Cadmium	78	2,000	200	1,800	2,800	59,000	---	---	59	0.6	0.17	0.72	0.21	0.22	0.12	0.61	0.57	0.35	0.34	
Chromium	230	6,100	4,100	270	420	690	---	---	32	16.2	16	13.1	15.1	16.8	15.7	21.9	26.8	22.8	20.3	
Lead	400	800	700	---	---	---	---	---	107	36	15.5	45.2	29.6	13	10.1	76.9	78.2	16.1	15.9	
Silver	390	10,000	1,000	---	---	---	---	---	39	0.55	<0.51	<0.55	<0.53	<0.55	<0.5	<0.5	<0.53	<0.54	<0.51	
Cyanide, Amenable to Chlorination	1,600	41,000	4,100	---	---	---	---	---	40	0.51	4.22	6.23	Interference	<0.578	<0.552	1.49	4.34	<0.723	0.831	
Cyanide (Total)	---	---	---	---	---	---	---	---	---	---	12.8	6.68	1.21	0.37	<0.55	10	5.19	1.36	1.62	

Notes:

<sup>(1)</sup> Objective is for m-xylene

<sup>(2)</sup> Objective is for p-xylene

<sup>(3)</sup> Objectives are for Class I groundwater.

<sup>(4)</sup> Non-TACO or provisional ROs provided by the IEPA.

--- No objective has been published for this constituent by the IEPA, or the sample was not analyzed for this constituent.

Concentration exceeds one or more project remediation objective.

Table 1  
Exceedances of Tier 1 Remedial Objectives  
Excavation Wall Samples in the 0 to 3 foot Depth Interval  
Champaign MGP

Constituent	Soil Ingestion			Soil Inhalation			Indoor Air		Soil Component to Groundwater <sup>(3)</sup>	IEPA Accepted Background Levels for MSA	Sample Location: Sample ID: Sample Date: Sample Depth (feet):	P4-A3-W	P4-A4-W	P4-A5-W	P5-A3-W	P5-A4-W	P5-A5-W	P6-A4.5-W	P6-A5.5-W	P6-BC5.5-W
	Residential	Commercial	Construction	Residential	Commercial	Construction	Residential	Commercial				P4-A3-W (3)	P4-A4-W (3)	P4-A5-W (3)	P5-A3-W (3)	P5-A4-W(3)	P5-A5-W (3)	P6-A4.5-W (3)	P6-A5.5-W (3)	P6-BC5.5-W (3)
<b>BTEX Constituents (mq/kg)</b>																				
Benzene	12	100	2,300	0.8	1.6	2.2	0.069	0.51	0.03	---		<6.42	1.82	4.95	5.73	<1.05	<0.0919	0.0566	0.0052	0.0022
Ethylbenzene	7,800	200,000	20,000	400	400	58	130	130	13	---		72.8	15.7	26.7	62.1	6.21	0.578	0.561	0.0652	0.0018
Toluene	16,000	410,000	410,000	650	650	42	240	240	12	---		<32.1	<6.32	<10.8	<6.31	1.4	<0.46	0.044	0.0054	0.0046
m,p-Xylenes	16,000	410,000	41,000	420 <sup>(1)</sup>	420 <sup>(1)</sup>	5.9 <sup>(2)</sup>	75 <sup>(2)</sup>	120 <sup>(2)</sup>	200 <sup>(2)</sup>	---		22.5	2.4	6.05	14.9	2.4	<0.46	0.052	0.0072	0.0034
o-Xylene	16,000	410,000	41,000	410	410	6.5	98	140	190	---		26.8	4.14	9.25	23.2	4.2	0.21	0.216	0.0449	0.0015
Xylenes	16,000	410,000	41,000	320	320	5.6	63	100	150	---		49.3	6.54	15.3	38.1	6.6	0.21	0.268	0.0521	0.0049
<b>PNA Constituents (mq/kg)</b>																				
Acenaphthene	4,700	120,000	120,000	---	---	---	---	---	570	0.13		189	23.4	7.86	106	40.8	4.82	17.6	0.726	<0.021
Acenaphthylene	2,300 <sup>(4)</sup>	61,000 <sup>(4)</sup>	61,000 <sup>(4)</sup>	---	---	---	---	---	85 <sup>(4)</sup>	0.07		12.3	1.87	0.499	6.42	2.76	1.98	1.64	0.303	0.58
Anthracene	23,000	610,000	610,000	---	---	---	---	---	12,000	0.4		72.1	8.58	2.73	38.5	16.7	5.35	8.84	0.417	0.07
Benzo(a)anthracene	0.90	8	170	---	---	---	---	---	2	1.8		33.9	4.8	1.27	19	8.25	3.92	4.11	0.273	0.129
Benzo(a)pyrene	0.09	0.80	17	---	---	---	---	---	8	2.1		29.5	4.37	1.07	15.3	6.96	3.67	3.81	0.363	0.874
Benzo(b)fluoranthene	0.90	8	170	---	---	---	---	---	5	2.1		22.8	4.03	0.899	12.3	5.41	2.49	2.96	0.288	0.618
Benzo(g,h,i)perylene	2,300 <sup>(4)</sup>	61,000 <sup>(4)</sup>	61,000 <sup>(4)</sup>	---	---	---	---	---	27,000 <sup>(4)</sup>	1.7		12.2	2.15	0.46	6.57	2.99	1.86	1.67	0.296	0.786
Benzo(k)fluoranthene	9	78	1,700	---	---	---	---	---	49	1.7		7.18	1.19	0.284	4.09	1.75	0.796	0.868	<0.111	0.158
Bis(2-ethylhexyl)phthalate	46	410	4,100	31,000	31,000	31,000	---	---	3,600	---		<9.47	<2.31	<0.912	<8.98	<8.17	<4.26	<2.17	<2.19	<0.422
Chrysene	88	780	17,000	---	---	---	---	---	160	2.7		32.2	4.96	1.24	18.3	8.15	3.85	4.11	0.179	0.061
Dibenzo(a,h)anthracene	0.09	0.80	17	---	---	---	---	---	2	0.42		3.44	0.591	0.131	1.82	0.792	0.441	0.419	<0.111	0.146
Fluoranthene	3,100	82,000	82,000	---	---	---	---	---	4,300	4.1		75	9.62	2.92	38.4	21.5	8.46	9.92	0.436	0.108
Fluorene	3,100	82,000	82,000	---	---	---	---	---	560	0.18		80.5	9.68	3.26	52.8	21.6	5.11	9.2	0.513	0.044
Indeno(1,2,3-cd)pyrene	0.90	8.00	170	---	---	---	---	---	14	1.6		9.83	1.75	0.386	5.38	2.39	1.31	1.28	0.201	0.569
Naphthalene	1,600	41,000	4,100	170	270	1.8	34	34	12	0.2		544	18.8	16.3	287	58.2	0.613	4.57	0.208	<0.021
Phenanthrene	2,300 <sup>(4)</sup>	61,000 <sup>(4)</sup>	61,000 <sup>(4)</sup>	---	---	---	---	---	200 <sup>(4)</sup>	2.5		240	28.8	9.85	131	55.1	17	29.5	1.6	<0.021
Pyrene	2,300	61,000	61,000	---	---	---	---	---	4,200	3		110	13.8	4.01	58.3	25	10.7	13.6	0.731	0.404
<b>Metals (mq/kg)</b>																				
Mercury	23	610	61	10	16	0.10	0.45	0.45	6.4	0.06		0.034	0.129	0.032	0.029	0.028	---	0.038	0.022	0.036
Selenium	390	10,000	1,000	---	---	---	---	---	3.3	0.48		<0.6	0.9	0.928	0.658	<0.566	---	<3.7	<3.64	3.7
Arsenic	13.0	13.0	61.0	750	1,200	25,000	---	---	30	13		1.6	<2.5	1.6	1.6	6.88	---	1.4	15.1	2
Barium	5,500	140,000	14,000	690,000	910,000	870,000	---	---	1,800	110		139	156	161	197	132	---	150	179	147
Cadmium	78	2,000	200	1,800	2,800	59,000	---	---	59	0.6		0.4	0.41	0.34	0.27	0.39	---	1.12	0.88	0.94
Chromium	230	6,100	4,100	270	420	690	---	---	32	16.2		20.1	19.7	21.7	23.6	23.2	---	26.7	16.6	23.4
Lead	400	800	700	---	---	---	---	---	107	36		16.3	32	16.1	16.6	16.2	---	16.9	19.6	16
Silver	390	10,000	1,000	---	---	---	---	---	39	0.55		<0.55	<0.55	<0.55	<0.49	<0.55	---	<0.51	<0.5	<0.54
Cyanide, Amenable to Chlorination	1,600	41,000	4,100	---	---	---	---	---	40	0.51		Interference	Interference	Interference	0.44	Interference	---	0.891	0.36	0.778
Cyanide (Total)	---	---	---	---	---	---	---	---	---	---		0.54	0.89	0.52	0.83	<0.59	---	0.99	0.39	0.84

Notes:  
<sup>(1)</sup> Objective is for m-xylene  
<sup>(2)</sup> Objective is for p-xylene  
<sup>(3)</sup> Objectives are for Class I groundwater.  
<sup>(4)</sup> Non-TACO or provisional ROs provided by the IEPA.  
 --- No objective has been published for this constituent by the IEPA, or the sample was not analyzed for this constituent.  
 Concentration exceeds one or more project remediation objective.

Table 1  
Exceedances of Tier 1 Remedial Objectives  
Excavation Wall Samples in the 0 to 3 foot Depth Interval  
Champaign MGP

Constituent	Soil Ingestion			Soil Inhalation			Indoor Air		Soil Component to Groundwater <sup>(3)</sup>	IEPA Accepted Background Levels for MSA	Sample Location: Sample ID: Sample Date: Sample Depth (feet):	P7-B1-SW	P7-BC1-SW	P7-C1-SW	P7-CD1-SW	P7-D1-W	P7-DE1-W	P8-H1-W	P8-H4-W
	Residential	Commercial	Construction	Residential	Commercial	Construction	Residential	Commercial				P7-B1-SW (3)	P7-BC1-SW (3)	P7-C1-SW (3)	P7-CD1-SW (3)	P7-D1-W (3)	P7-DE1-W (3)	P8-H1-W (3)	P8-H4-W (3)
<b><u>BTEX Constituents (mg/kg)</u></b>																			
Benzene	12	100	2,300	0.8	1.6	2.2	0.069	0.51	0.03	---		<1.12	<0.0227	<0.886	<0.774	<0.0252	<0.0243	0.0433	0.0498
Ethylbenzene	7,800	200,000	20,000	400	400	58	130	130	13	---		13.9	0.089	26	17	0.968	0.759	0.093	1.02
Toluene	16,000	410,000	410,000	650	650	42	240	240	12	---		<5.62	<0.113	<4.43	<3.87	0.082	0.078	0.031	0.032
m,p-Xylenes	16,000	410,000	41,000	420 <sup>(1)</sup>	420 <sup>(1)</sup>	5.9 <sup>(2)</sup>	75 <sup>(2)</sup>	120 <sup>(2)</sup>	200 <sup>(2)</sup>	---		5.6	<0.113	4.63	3.1	0.137	0.125	0.415	0.11
o-Xylene	16,000	410,000	41,000	410	410	6.5	98	140	190	---		8.85	0.03	10.3	4.8	0.395	0.365	0.185	0.527
Xylenes	16,000	410,000	41,000	320	320	5.6	63	100	150	---		14.45	0.03	14.93	7.9	0.532	0.49	0.6	0.637
<b><u>PNA Constituents (mg/kg)</u></b>																			
Acenaphthene	4,700	120,000	120,000	---	---	---	---	---	570	0.13		53.6	4.7	34.3	22.6	1.71	1.61	1.93	35.6
Acenaphthylene	2,300 <sup>(4)</sup>	61,000 <sup>(4)</sup>	61,000 <sup>(4)</sup>	---	---	---	---	---	85 <sup>(4)</sup>	0.07		8.95	1.37	3.35	2.14	2.89	2.73	<0.419	3.01
Anthracene	23,000	610,000	610,000	---	---	---	---	---	12,000	0.4		31.2	3.83	19.5	11.1	1.17	0.981	1.03	17.6
Benzo(a)anthracene	0.90	8	170	---	---	---	---	---	2	1.8		19.5	2.66	10.7	5.57	0.421	0.313	0.617	8.32
Benzo(a)pyrene	0.09	0.80	17	---	---	---	---	---	8	2.1		21.3	3.2	9.81	5.35	3.01	2.74	<0.419	7.04
Benzo(b)fluoranthene	0.90	8	170	---	---	---	---	---	5	2.1		17.2	2.64	7.93	4.14	2.3	2.03	<0.419	5.75
Benzo(g,h,i)perylene	2,300 <sup>(4)</sup>	61,000 <sup>(4)</sup>	61,000 <sup>(4)</sup>	---	---	---	---	---	27,000 <sup>(4)</sup>	1.7		10.1	1.44	3.2	2.54	2.82	2.57	<0.419	2.35
Benzo(k)fluoranthene	9	78	1,700	---	---	---	---	---	49	1.7		4.84	0.703	2.28	1.22	0.523	0.522	<0.419	1.78
Bis(2-ethylhexyl)phthalate	46	410	4,100	31,000	31,000	31,000	---	---	3,600	---		<4.24	<0.849	<7.99	<1.95	<2.06	<2.1	<8.27	<2.07
Chrysene	88	780	17,000	---	---	---	---	---	160	2.7		20.6	2.78	10.6	5.4	1.37	1.34	0.37	8.13
Dibenzo(a,h)anthracene	0.09	0.80	17	---	---	---	---	---	2	0.42		2.34	0.379	0.886	0.578	0.452	0.407	<0.419	0.649
Fluoranthene	3,100	82,000	82,000	---	---	---	---	---	4,300	4.1		40.5	5.53	23.2	11.9	0.421	0.365	0.905	16.8
Fluorene	3,100	82,000	82,000	---	---	---	---	---	560	0.18		30.8	3.92	19.4	11.9	1.8	1.65	1.36	18.4
Indeno(1,2,3-cd)pyrene	0.90	8.00	170	---	---	---	---	---	14	1.6		7.64	1.27	2.69	1.89	2.34	2.15	<0.419	1.99
Naphthalene	1,600	41,000	4,100	170	270	1.8	34	34	12	0.2		36.6	0.319	49.9	46.5	1.3	1.41	6.25	1.89
Phenanthrene	2,300 <sup>(4)</sup>	61,000 <sup>(4)</sup>	61,000 <sup>(4)</sup>	---	---	---	---	---	200 <sup>(4)</sup>	2.5		104	12.9	67.6	36.5	1.58	1.33	4.44	55
Pyrene	2,300	61,000	61,000	---	---	---	---	---	4,200	3		65.6	8.75	34.3	18.8	2	1.84	1.4	24.9
<b><u>Metals (mg/kg)</u></b>																			
Mercury	23	610	61	10	16	0.10	0.45	0.45	6.4	0.06		0.031	0.038	0.017	0.013	0.049	0.051	0.036	0.032
Selenium	390	10,000	1,000	---	---	---	---	---	3.3	0.48		<0.556	<0.556	<0.577	<0.556	<0.6	<0.566	<0.577	<0.545
Arsenic	13.0	13.0	61.0	750	1,200	25,000	---	---	30	13		3.62	5.65	5.47	5.14	9.52	11.8	6.57	7.02
Barium	5,500	140,000	14,000	690,000	910,000	870,000	---	---	1,800	110		118	118	59.4	31.4	96	119	138	114
Cadmium	78	2,000	200	1,800	2,800	59,000	---	---	59	0.6		0.43	0.52	<0.2	<0.18	0.18	0.24	0.51	0.19
Chromium	230	6,100	4,100	270	420	690	---	---	32	16.2		22	23.1	14.7	14.5	19	24.3	21.9	17.5
Lead	400	800	700	---	---	---	---	---	107	36		15.1	18	14.2	18.3	14.7	16.8	17.3	18.1
Silver	390	10,000	1,000	---	---	---	---	---	39	0.55		<0.52	<0.53	<0.55	<0.5	<0.54	<0.54	<0.55	<0.55
Cyanide, Amenable to Chlorination	1,600	41,000	4,100	---	---	---	---	---	40	0.51		1.64	37.4	1.06	1.62	26.8	1.3	<2.6	6.28
Cyanide (Total)	---	---	---	---	---	---	---	---	---	---		2.34	47.1	1.55	3.46	30.8	3.84	1.8	10.9

Notes:

<sup>(1)</sup> Objective is for m-xylene

<sup>(2)</sup> Objective is for p-xylene

<sup>(3)</sup> Objectives are for Class I groundwater.

<sup>(4)</sup> Non-TACO or provisional ROs provided by the IEPA.

--- No objective has been published for this constituent by the IEPA, or the sample was not analyzed for this constituent.

Concentration exceeds one or more project remediation objective.