APPENDIX F
ANALYTICAL SUMMARY TABLES FOR SOIL SAMPLING PERFORMED AT T-108 IN JUNE 2006

Table F1. PCB Analytical Summary for T-108 Soil Samples

	Sample Date	Depth (feet bgs)	Method	Units	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCB (U as 0)
PGG-2A	6/5/2006	9 - 10.5	EPA 8082	ug/kg	3840 U	7680 U	3840 U	3840 U	56200 [1]	44600 [1]	3840 U	3840 U	3840 U	**100,800**
PGG-2B	6/5/2006	11.5 - 13	EPA 8082	ug/kg	32.6 U	65.2 U	32.6 U	32.6 U	325 [2]	248 [2]	32.6 U	32.6 U	32.6 U	573
PGG-5A	6/6/2006	1.5 - 3	EPA 8082	ug/kg	297 U	593 U	297 U	297 U	737	655	297 U	297 U	297 U	1,392
PGG-5B	6/6/2006	5 - 6.5	EPA 8082	ug/kg	158 U	315 U	158 U	158 U	464	406	158 U	158 U	158 U	870
PGG-5C	6/6/2006	7.5 - 9	EPA 8082	ug/kg	35.6 U	71.2 U	35.6 U	35.6 U	1090	864	35.6 U	35.6 U	35.6 U	1,954
PGG-5D	6/6/2006	10 - 11.5	EPA 8082	ug/kg	28.7 U	57.4 U	28.7 U	28.7 U	89.0	73.6	28.7 U	28.7 U	28.7 U	163
PGG-5E	6/6/2006	12.5 - 14	EPA 8082	ug/kg	30.9 U	61.7 U	30.9 U	30.9 U	30.9 U	30.9 U	30.9 U	30.9 U	30.9 U	0
PGG-5F	6/6/2006	15 - 16.5	EPA 8082	ug/kg	186 U	371 U	186 U	186 U	186 U	876	186 U	186 U	186 U	876
PGG-5G	6/6/2006	17.5 - 19	EPA 8082	ug/kg	29.9 U	59.9 U	29.9 U	29.9 U	29.9 U	29.9 U	29.9 U	29.9 U	29.9 U	0
PGG-6A	6/5/2006	1.5 - 3	EPA 8082	ug/kg	26.3 U	52.5 U	26.3 U	26.3 U	26.3 U	26.3 U	26.3 U	26.3 U	26.3 U	0
PGG-6B	6/5/2006	4 - 5.5	EPA 8082	ug/kg	26.3 U	52.6 U	26.3 U	26.3 U	26.3 U	26.3 U	26.3 U	26.3 U	26.3 U	0
PGG-6C	6/5/2006	6.5 - 8	EPA 8082	ug/kg	39.2 U	78.4 U	39.2 U	39.2 U	39.2 U	39.2 U	39.2 U	39.2 U	39.2 U	0
PGG-6D	6/5/2006	9 - 10.5	EPA 8082	ug/kg	31.5 U	62.9 U	31.5 U	31.5 U	31.5 U	31.5 U	31.5 U	31.5 U	31.5 U	0
PGG-6E	6/5/2006	11.5 - 13	EPA 8082	ug/kg	37.2 U	74.5 U	37.2 U	37.2 U	37.2 U	37.2 U	37.2 U	37.2 U	37.2 U	0
PGG-7A	6/5/2006	0.5 - 2	EPA 8082	ug/kg	29.9 U	59.8 U	29.9 U	29.9 U	29.9 U	29.9 U	2190	29.9 U	29.9 U	2,190
PGG-7B	6/5/2006	4 - 5.5	EPA 8082	ug/kg	26.8 U	53.6 U	26.8 U	26.8 U	26.8 U	26.8 U	26.8 U	26.8 U	26.8 U	0
PGG-7C	6/5/2006	6.5 - 8	EPA 8082	ug/kg	32.2 U	64.3 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	0
PGG-7D	6/5/2006	9 - 10.5	EPA 8082	ug/kg	33.7 U	67.5 U	33.7 U	33.7 U	33.7 U	33.7 U	42.2	33.7 U	33.7 U	42
PGG-7E	6/5/2006	11.5 - 13	EPA 8082	ug/kg	42.9 U	85.7 U	42.9 U	42.9 U	42.9 U	42.9 U	42.9 U	42.9 U	42.9 U	0
Re-analysis at 200x dilution (outside holding time)														
PGG-2A RE	6/5/2006	9 - 10.5	EPA 8082	ug/kg	7680 UJ	15400 UJ	7680 UJ	7680 UJ	17000 J	18300 J	7680 UJ	7680 UJ	7680 UJ	**35,300**
													MTCA Method A Soil Cleanup Level for Industrial Properties (ug/kg):	10,000

bgs = below ground surface
# U = parameter not detected; associated number is the laboratory reporting limit
Parameter detected
Bold = Concentration exceeds site screening level (MTCA Method A Industrial for Soil)
RL = laboratory reporting limit
[1] Results for 500x dilution.
[2] Results for 5x dilution.
J = parameter detected at the reported concentration; analysis performed 86 days outside holding time
UJ = parameter not detected at the associated reporting limit; analysis performed 86 days outside holding time

Table F2. PAH Analytical Summary for T-108 Soil Samples

	Carcinogen	Method	Units	PGG-2A 9 - 10.5 ft bgs	PGG-2B 11.5 - 13 ft bgs	PGG-5A 1.5 - 3 ft bgs	PGG-5B 5 - 6.5 ft bgs	PGG-5C 7.5 - 9 ft bgs	PGG-5D 10 - 11.5 ft bgs	PGG-5E 12.5 - 14 ft bgs	PGG-5F 15 - 16.5 ft bgs	PGG-5G 17.5 - 19 ft bgs
1-Methylnaphthalene	NC	EPA 8270-SIM	mg/kg	0.118	0.0130 U	0.0118 U	0.0125 U	0.0142 U	0.0117 U	0.0120 U	0.0151 U	0.0119 U
2-Methylnaphthalene	NC	EPA 8270-SIM	mg/kg	0.169	0.0130 U	0.0118 U	0.0125 U	0.0142 U	0.0117 U	0.0120 U	0.0151 U	0.0119 U
Acenaphthene	NC	EPA 8270-SIM	mg/kg	0.0768 U	0.0130 U	0.0118 U	0.0235	0.0142 U	0.0117 U	0.0120 U	0.0151 U	0.0119 U
Acenaphthylene	NC	EPA 8270-SIM	mg/kg	0.0768 U	0.0130 U	0.0118 U	0.0125 U	0.0142 U	0.0117 U	0.0120 U	0.0151 U	0.0119 U
Anthracene	NC	EPA 8270-SIM	mg/kg	0.0768 U	0.0136	0.0118 U	0.0487	0.0185	0.0117 U	0.0120 U	0.0160	0.0119 U
Benzo(g,h,i)perylene	NC	EPA 8270-SIM	mg/kg	0.0768 U	0.0130 U	0.0118 U	0.115	0.0142 U	0.0208	0.0120 U	0.0196	0.0119 U
Fluoranthene	NC	EPA 8270-SIM	mg/kg	0.490	0.0225	0.0386	0.493	0.0818	0.0370	0.0120 U	0.0817	0.0119 U
Fluorene	NC	EPA 8270-SIM	mg/kg	0.134	0.0130 U	0.0118 U	0.0186	0.0142 U	0.0117 U	0.0120 U	0.0151 U	0.0119 U
Naphthalene	NC	EPA 8270-SIM	mg/kg	0.0788	0.0130 U	0.0118 U	0.0125 U	0.0142 U	0.0117 U	0.0120 U	0.0155	0.0119 U
Phenanthrene	NC	EPA 8270-SIM	mg/kg	0.195	0.0130 U	0.0259	0.280	0.0270	0.0138	0.0120 U	0.0475	0.0119 U
Pyrene	NC	EPA 8270-SIM	mg/kg	1.06	0.0250	0.0466	0.467	0.128	0.0500	0.0120 U	0.109	0.0119 U
Benzo(a)anthracene	C	EPA 8270-SIM	mg/kg	0.202	0.0130 U	0.0165	0.184	0.0255	0.0184	0.0120 U	0.0354	0.0119 U
Benzo(a)pyrene	C	EPA 8270-SIM	mg/kg	0.400	0.0339	0.0181	0.219	0.0256	0.0364	0.0120 U	0.0524	0.0119 U
Benzo(b)fluoranthene	C	EPA 8270-SIM	mg/kg	0.305	0.0130 U	0.0281	0.226	0.0344	0.0339	0.0120 U	0.0515	0.0119 U
Benzo(k)fluoranthene	C	EPA 8270-SIM	mg/kg	0.250	0.0130 U	0.0236	0.233	0.0270	0.0396	0.0120 U	0.0576	0.0119 U
Chrysene	C	EPA 8270-SIM	mg/kg	0.478	0.0130 U	0.0334	0.280	0.0409	0.0277	0.0120 U	0.0580	0.0119 U
Dibenz(a,h)anthracene	C	EPA 8270-SIM	mg/kg	0.0768 U	0.0130 U	0.0118 U	0.0517	0.0142 U	0.0117 U	0.0120 U	0.0151 U	0.0119 U
Indeno(1,2,3-cd)pyrene	C	EPA 8270-SIM	mg/kg	0.162	0.0222	0.0118 U	0.117	0.0142 U	0.0197	0.0120 U	0.0153	0.0119 U
Toxicity Equivalent Concentrations												
		TEF										
Benzo(a)anthracene	C	0.1	mg/kg	0.0202	0	0.00165	0.0184	0.00255	0.00184	0	0.00354	0
Benzo(a)pyrene	C	1	mg/kg	0.4	0.0339	0.0181	0.219	0.0256	0.0364	0	0.0524	0
Benzo(b)fluoranthene	C	0.1	mg/kg	0.0305	0	0.00281	0.0226	0.00344	0.00339	0	0.00515	0
Benzo(k)fluoranthene	C	0.1	mg/kg	0.025	0	0.00236	0.0233	0.0027	0.00396	0	0.00576	0
Chrysene	C	0.01	mg/kg	0.00478	0	0.000334	0.0028	0.000409	0.000277	0	0.00058	0
Dibenzo(a,h)anthracene	C	0.4	mg/kg	0	0	0	0.02068	0	0	0	0	0
Indeno(1,2,3-cd)pyrene	C	0.1	mg/kg	0.0162	0.00222	0	0.0117	0	0.00197	0	0.00153	0
Sum of TEF				0.50	0.04	0.03	0.32	0.03	0.05	0.00	0.07	0.00
MTCA Method A Soil Cleanup Level for Industrial Properties [1]				2	2	2	2	2	2	2	2	2
Sample Date:				6/5/2006	6/5/2006	6/6/2006	6/6/2006	6/6/2006	6/6/2006	6/6/2006	6/6/2006	6/6/2006

bgs = below ground surface
# U = parameter not detected; associated number is the laboratory reporting limit
Parameter detected
Bold = Concentration exceeds site screening level (MTCA Method A Industrial for Soil)

[1] MTCA Method A Cleanup Levels (Industrial Properties) for PAH in soil: 2 mg/kg (total concentration that all carcinogenic PAHs must meet using the toxicity equivalency methodology in WAC 173-340-708(8))

Table F2. PAH Analytical Summary for T-108 Soil Samples

	Carcinogen	Method	Units	PGG-6A 1.5 - 3 ft bgs	PGG-6B 4 - 5.5 ft bgs	PGG-6C 6.5 - 8 ft bgs	PGG-6D 9 - 10.5 ft bgs	PGG-6E 11.5 - 13 ft bgs	PGG-7A 0.5 - 2 ft bgs	PGG-7B 4 - 5.5 ft bgs	PGG-7C 6.5 - 8 ft bgs	PGG-7D 9 - 10.5 ft bgs	PGG-7E 11.5 - 13 ft bgs
1-Methylnaphthalene	NC	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0155 U	0.0124 U	0.0148 U	0.116 U	0.0105 U	0.0125 U	0.0133 U	0.0170 U
2-Methylnaphthalene	NC	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0155 U	0.0124 U	0.0148 U	0.116 U	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Acenaphthene	NC	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0155 U	0.0124 U	0.0148 U	0.116 U	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Acenaphthylene	NC	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0155 U	0.0124 U	0.0148 U	0.116 U	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Anthracene	NC	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0155 U	0.0124 U	0.0148 U	0.116 U	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Benzo(g,h,i)perylene	NC	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0155 U	0.0124 U	0.0148 U	0.116 U	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Fluoranthene	NC	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0438	0.0124 U	0.0148 U	0.205	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Fluorene	NC	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0155 U	0.0124 U	0.0148 U	0.116 U	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Naphthalene	NC	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0155 U	0.0124 U	0.0148 U	0.116 U	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Phenanthrene	NC	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0304	0.0124 U	0.0148 U	0.116 U	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Pyrene	NC	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0670	0.0124 U	0.0148 U	0.252	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Benzo(a)anthracene	C	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0190	0.0124 U	0.0148 U	0.116	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Benzo(a)pyrene	C	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0199	0.0124 U	0.0148 U	0.178	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Benzo(b)fluoranthene	C	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0155 U	0.0124 U	0.0148 U	0.202	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Benzo(k)fluoranthene	C	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0240	0.0124 U	0.0148 U	0.182	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Chrysene	C	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0284	0.0124 U	0.0148 U	0.215	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Dibenz(a,h)anthracene	C	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0155 U	0.0124 U	0.0148 U	0.116 U	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Indeno(1,2,3-cd)pyrene	C	EPA 8270-SIM	mg/kg	0.0106 U	0.0106 U	0.0155 U	0.0124 U	0.0148 U	0.116 U	0.0105 U	0.0125 U	0.0133 U	0.0170 U
Toxicity Equivalent Concentrations													
		TEF											
Benzo(a)anthracene	C	0.1	mg/kg	0	0	0.0019	0	0	0.0116	0	0	0	0
Benzo(a)pyrene	C	1	mg/kg	0	0	0.0199	0	0	0.178	0	0	0	0
Benzo(b)fluoranthene	C	0.1	mg/kg	0	0	0	0	0	0.0202	0	0	0	0
Benzo(k)fluoranthene	C	0.1	mg/kg	0	0	0.0024	0	0	0.0182	0	0	0	0
Chrysene	C	0.01	mg/kg	0	0	0.000284	0	0	0.00215	0	0	0	0
Dibenzo(a,h)anthracene	C	0.4	mg/kg	0	0	0	0	0	0	0	0	0	0
Indeno(1,2,3-cd)pyrene	C	0.1	mg/kg	0	0	0	0	0	0	0	0	0	0
Sum of TEF				0.00	0.00	0.02	0.00	0.00	0.23	0.00	0.00	0.00	0.00
MTCA Method A Soil Cleanup Level for Industrial Properties [1]				2	2	2	2	2	2	2	2	2	2
Sample Date:				6/5/2006	6/5/2006	6/5/2006	6/5/2006	6/5/2006	6/5/2006	6/5/2006	6/5/2006	6/5/2006	6/5/2006

bgs = below ground surface
# U = parameter not detected; associated number is the laboratory reporting limit
Parameter detected
Bold = Concentration exceeds site screening level (MTCA Method A Industrial for Soil)

[1] MTCA Method A Cleanup Levels (Industrial Properties) for PAH in soil: 2 mg/kg (total concentration that all carcinogenic PAHs must meet using the toxicity equivalency methodology in WAC 173-340-708(8))

Table F3. Gasoline and BTEX Analytical Summary for T-108 Soil Samples

	Sample Date	Depth (feet bgs)	Method	Units	Gasoline Range Hydrocarbons	Benzene	Toluene	Ethylbenzene	Total Xylenes
PGG-2A	6/5/2006	9 - 10.5	NWTPH-Gx/8021B	mg/kg	17.0	0.0360 U	0.0600 U	0.0600 U	0.120 U
PGG-2B	6/5/2006	11.5 - 13	NWTPH-Gx/8021B	mg/kg	5.69 U	0.0342 U	0.0569 U	0.0569 U	0.114 U
PGG-5A	6/6/2006	1.5 - 3	NWTPH-Gx/8021B	mg/kg	5.87 U	0.0352 U	0.0587 U	0.0587 U	0.117 U
PGG-5B	6/6/2006	5 - 6.5	NWTPH-Gx/8021B	mg/kg	5.04 U	0.0302 U	0.0504 U	0.0504 U	0.101 U
PGG-5C	6/6/2006	7.5 - 9	NWTPH-Gx/8021B	mg/kg	12.8 [1]	0.0461 U	0.0768 U	0.0768 U	0.154 U
PGG-5D	6/6/2006	10 - 11.5	NWTPH-Gx/8021B	mg/kg	4.88 U	0.0293 U	0.0488 U	0.0488 U	0.0976 U
PGG-5E	6/6/2006	12.5 - 14	NWTPH-Gx/8021B	mg/kg	6.53 U	0.0392 U	0.0653 U	0.0653 U	0.131 U
PGG-5F	6/6/2006	15 - 16.5	NWTPH-Gx/8021B	mg/kg	8.40 U	0.0504 U	0.0840 U	0.0840 U	0.168 U
PGG-5G	6/6/2006	17.5 - 19	NWTPH-Gx/8021B	mg/kg	6.40 U	0.0384 U	0.0640 U	0.0640 U	0.128 U
PGG-6A	6/5/2006	1.5 - 3	NWTPH-Gx/8021B	mg/kg	5.12 U	0.0307 U	0.0512 U	0.0512 U	0.102 U
PGG-6B	6/5/2006	4 - 5.5	NWTPH-Gx/8021B	mg/kg	5.60 U	0.0336 U	0.0560 U	0.0560 U	0.112 U
PGG-6C	6/5/2006	6.5 - 8	NWTPH-Gx/8021B	mg/kg	6.74 U	0.0405 U	0.0674 U	0.0674 U	0.135 U
PGG-6D	6/5/2006	9 - 10.5	NWTPH-Gx/8021B	mg/kg	5.47 U	0.0328 U	0.0547 U	0.0547 U	0.109 U
PGG-6E	6/5/2006	11.5 - 13	NWTPH-Gx/8021B	mg/kg	6.31 U	0.0378 U	0.0631 U	0.0631 U	0.126 U
PGG-7A	6/5/2006	0.5 - 2	NWTPH-Gx/8021B	mg/kg	6.70 U	0.0402 U	0.0670 U	0.0670 U	0.134 U
PGG-7B	6/5/2006	4 - 5.5	NWTPH-Gx/8021B	mg/kg	9.34 U	0.0560 U	0.0934 U	0.0934 U	0.187 U
PGG-7C	6/5/2006	6.5 - 8	NWTPH-Gx/8021B	mg/kg	5.41 U	0.0325 U	0.0541 U	0.0541 U	0.108 U
PGG-7D	6/5/2006	9 - 10.5	NWTPH-Gx/8021B	mg/kg	6.00 U	0.0360 U	0.0600 U	0.0600 U	0.120 U
PGG-7E	6/5/2006	11.5 - 13	NWTPH-Gx/8021B	mg/kg	8.55 U	0.0513 U	0.0855 U	0.0855 U	0.171 U
MTCA Method A Soil Cleanup Level for Industrial Properties					100 [1]	0.03	7	6	9

bgs = below ground surface

U = parameter not detected; associated number is the laboratory reporting limit

[1] MTCA Method A Soil Cleanup Levels for Gasoline if no detectable benzene; Method A Cleanup level is 30 mg/kg if benzene present

Parameter detected

Bold = Concentration exceeds site screening level (MTCA Method A Industrial for Soil)

[1] Lab analyst note: results reported for the gas range are primarily due to overlap from diesel range hydrocarbons

Table F4. Diesel-extended Analytical Summary for T-108 Soil Samples

	Sample Date	Depth (feet bgs)	Method	Units	Diesel Range Hydrocarbons	Lube Oil Range Hydrocarbons
PGG-2A	6/5/2006	9 - 10.5	NWTPH-Dx	mg/kg	**4120** [1]	**4910**
PGG-2B	6/5/2006	11.5 - 13	NWTPH-Dx	mg/kg	53.4 [1]	57.5
PGG-5A	6/6/2006	1.5 - 3	NWTPH-Dx	mg/kg	105 [1]	179
PGG-5B	6/6/2006	5 - 6.5	NWTPH-Dx	mg/kg	72.5 [1]	153
PGG-5C	6/6/2006	7.5 - 9	NWTPH-Dx	mg/kg	136 [1]	173
PGG-5D	6/6/2006	10 - 11.5	NWTPH-Dx	mg/kg	64.7 [1]	106
PGG-5E	6/6/2006	12.5 - 14	NWTPH-Dx	mg/kg	12.7 [1]	30.5 U
PGG-5F	6/6/2006	15 - 16.5	NWTPH-Dx	mg/kg	203 [1]	510
PGG-5G	6/6/2006	17.5 - 19	NWTPH-Dx	mg/kg	11.9 U	29.7 U
PGG-6A	6/5/2006	1.5 - 3	NWTPH-Dx	mg/kg	10.5 U	26.4 U
PGG-6B	6/5/2006	4 - 5.5	NWTPH-Dx	mg/kg	10.3 U	25.8 U
PGG-6C	6/5/2006	6.5 - 8	NWTPH-Dx	mg/kg	15.8 U	39.6 U
PGG-6D	6/5/2006	9 - 10.5	NWTPH-Dx	mg/kg	12.5 U	31.2 U
PGG-6E	6/5/2006	11.5 - 13	NWTPH-Dx	mg/kg	15.0 U	37.6 U
PGG-7A	6/5/2006	0.5 - 2	NWTPH-Dx	mg/kg	285 [1]	670
PGG-7B	6/5/2006	4 - 5.5	NWTPH-Dx	mg/kg	10.6 U	26.4 U
PGG-7C	6/5/2006	6.5 - 8	NWTPH-Dx	mg/kg	12.6 U	31.4 U
PGG-7D	6/5/2006	9 - 10.5	NWTPH-Dx	mg/kg	13.5 U	33.7 U
PGG-7E	6/5/2006	11.5 - 13	NWTPH-Dx	mg/kg	16.7 U	41.7 U
MTCA Method A Soil Cleanup Level for Industrial Properties					2000	2000

bgs = below ground surface
# U = parameter not detected; associated number is the laboratory reporting limit
Parameter detected
Bold = Concentration exceeds site screening level (MTCA Method A Industrial for Soil)
[1] Lab analyst note: results in the diesel organics range are primarily due to overlap from a heavy oil range product

Table F5. Metals Analytical Summary for T-108 Soil Samples

	Sample Date	Depth (feet bgs)	Method	Units	Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Zinc
PGG-2A	6/5/2006	9 - 10.5	EPA 6020	mg/kg	15.1	**13.9**	1260	594	625	84.5	1460
PGG-2B	6/5/2006	11.5 - 13	EPA 6020	mg/kg	3.69	0.644 U	27.1	18.3	14.9	9.82	39.6
PGG-5A	6/6/2006	1.5 - 3	EPA 6020	mg/kg	5.36	0.585 U	32.4	22.9	31.6	7.51	35.8
PGG-5B	6/6/2006	5 - 6.5	EPA 6020	mg/kg	3.76	0.632 U	30.0	21.9	30.0	6.53	34.7
PGG-5C	6/6/2006	7.5 - 9	EPA 6020	mg/kg	9.92	1.15	84.0	68.4	24.3	29.3	163
PGG-5D	6/6/2006	10 - 11.5	EPA 6020	mg/kg	2.85	0.545 U	16.9	23.1	74.7	11.0	51.8
PGG-5E	6/6/2006	12.5 - 14	EPA 6020	mg/kg	2.21	0.648 U	13.9	32.0	8.49	10.0	62.1
PGG-5F	6/6/2006	15 - 16.5	EPA 6020	mg/kg	11.4	0.951	200	74.7	202	21.7	149
PGG-5G	6/6/2006	17.5 - 19	EPA 6020	mg/kg	2.05	1.70	12.8	10.5	3.01	7.43	64.7
PGG-6A	6/5/2006	1.5 - 3	EPA 6020	mg/kg	2.73	0.522 U	20.7	14.9	2.83	25.9	46.3
PGG-6B	6/5/2006	4 - 5.5	EPA 6020	mg/kg	1.11	0.524 U	9.45	10.1	2.05	4.60	26.8
PGG-6C	6/5/2006	6.5 - 8	EPA 6020	mg/kg	7.67	0.779 U	26.0	47.3	7.80	24.3	66.3
PGG-6D	6/5/2006	9 - 10.5	EPA 6020	mg/kg	1.68	0.625 U	6.98	6.59	0.800	4.89	18.5
PGG-6E	6/5/2006	11.5 - 13	EPA 6020	mg/kg	4.93	0.747 U	17.8	26.5	4.54	12.8	36.1
PGG-7A	6/5/2006	0.5 - 2	EPA 6020	mg/kg	12.2	**6.12**	91.6	71.8	130	37.4	460
PGG-7B	6/5/2006	4 - 5.5	EPA 6020	mg/kg	1.13	0.534 U	8.00	7.48	1.08	4.16	35.8
PGG-7C	6/5/2006	6.5 - 8	EPA 6020	mg/kg	0.641	1.20	10.3	14.3	1.26	8.36	99.0
PGG-7D	6/5/2006	9 - 10.5	EPA 6020	mg/kg	3.41	0.675 U	12.6	16.4	6.15	8.80	33.0
PGG-7E	6/5/2006	11.5 - 13	EPA 6020	mg/kg	7.72	0.846 U	18.1	26.9	4.82	12.4	31.3
MTCA Method A Soil Cleanup Level for Industrial Properties					20	2	2000		1000		

bgs = below ground surface
# U = parameter not detected; associated number is the laboratory reporting limit
Parameter detected
Bold = Concentration exceeds site screening level (MTCA Method A Industrial for Soil)

Table F6. Physical Analytical Summary for T-108 Soil Samples

	Sample Date	Depth (feet bgs)	Method: Units:	Total Organic Carbon EPA 9060 mod. mg/kg	Dry Weight BSOPSPL003R08 %
PGG-2A	6/5/2006	9 - 10.5		140000	64.9
PGG-2B	6/5/2006	11.5 - 13		14000	77.7
PGG-5A	6/6/2006	1.5 - 3		11500	85.4
PGG-5B	6/6/2006	5 - 6.5		9170	80.7
PGG-5C	6/6/2006	7.5 - 9		13400	71.4
PGG-5D	6/6/2006	10 - 11.5		11400	86.5
PGG-5E	6/6/2006	12.5 - 14		1950	82.1
PGG-5F	6/6/2006	15 - 16.5		24700	66.9
PGG-5G	6/6/2006	17.5 - 19		2350	83.8
PGG-6A	6/5/2006	1.5 - 3		4700	95.8
PGG-6B	6/5/2006	4 - 5.5		839	95.4
PGG-6C	6/5/2006	6.5 - 8		18000	64.2
PGG-6D	6/5/2006	9 - 10.5		785	80.0
PGG-6E	6/5/2006	11.5 - 13		14400	66.9
PGG-7A	6/5/2006	0.5 - 2		52300	85.0
PGG-7B	6/5/2006	4 - 5.5		2050	93.6
PGG-7C	6/5/2006	6.5 - 8		645	78.8
PGG-7D	6/5/2006	9 - 10.5		10200	74.1
PGG-7E	6/5/2006	11.5 - 13		46000	59.1

bgs = below ground surface

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