

Table 1  
Soil Analytical Results  
Independent Metals Company - Plant 1  
703 & 747 South Monroe Street  
Seattle, Washington  
Pacific Crest PN: 105-017

Analyte	PSL <sup>1</sup>	Plant 1 Storage Lot						Plant 1 Facility					
		SB1-1-2.5	SB1-8.5-10	SB2-2-3.5	SB2-11-12.5	SB3-2-3.5	SB3-7-8.5	SB4-1.5-3	SB4-11-12.5	SB5-2-3.5	SB5-11.5-13	SB6-2-3.5	SB6-8.5-10
<b>Total Petroleum Hydrocarbons<sup>2</sup> (mg/kg)</b>													
Diesel	2,000	<83	<73	<52	<68	<60	<74	<56	<66	<71	<70	<59	<68
Oil	2,000	<170	<150	<100	<140	<120	<b>100</b>	<110	<130	<140	<140	<120	<140
Gasoline	100	<33	<29	<21	<27	<24	<29	<22	<26	<28	<28	<23	<27
<b>Volatile Organic Compounds<sup>3</sup> (mg/kg)</b>													
1,1-Dichloroethene	16,000	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
1,2-Dichlorobenzene	7,200	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
1,2,4-Trimethylbenzene	NE	<0.0021	0.0021	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	0.0016	<0.0014	<0.0014	<0.0016
1,3,5-Trimethylbenzene	800	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
2-Butanone	NE	<0.011	<b>0.045</b>	<0.0058	<b>0.032</b>	<0.0078	<b>0.084</b>	<0.0063	<0.0071	<0.0079	<b>0.019</b>	<b>0.0089</b>	<0.0082
Acetone	72,000	<0.021	<b>0.15</b>	<0.012	<b>0.1</b>	<0.016	<b>0.24</b>	<0.013	<0.014	<0.016	<b>0.071</b>	<b>0.054</b>	<0.016
Benzene	0.03	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
Carbon Disulfide	8,000	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<b>0.002</b>	<0.0013	<0.0014	<0.0016	<b>0.0021</b>	<0.0014	<0.0016
Chlorobenzene	1,600	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
Chloroform	800	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
cis-1,2 Dichloroethene	160	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
Ethylbenzene	6	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
Isopropylbenzene	NE	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
p-Isopropyltoluene	NE	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
n-Propylbenzene	8,000	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
Methyl t-Butyl Ether	0.1	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
Sec-Butylbenzene	8,000	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
n-Butylbenzene	4,000	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
tert-Butylbenzene	8,000	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
Tetrachloroethene	0.05	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<b>0.03</b>	<b>0.006</b>	<0.0016	<0.0014	<0.0014	<0.0016
Toluene	7	<0.011	<0.0098	<0.0058	<0.0068	<0.0078	<0.0089	<0.0063	<0.0071	<0.0079	<b>0.0069</b>	<0.0072	<0.0082
Total Xylenes	9	<0.0064	<0.0059	<0.0035	<0.0041	<0.0047	<0.0054	<0.0038	<0.0043	<0.0048	<0.0042	<0.0043	<0.0049
trans-1,2 Dichloroethene	32,400	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
Vinyl Chloride	240	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<0.0014	<0.0016	<0.0014	<0.0014	<0.0016
Trichloroethene	0.03	<0.0021	<0.0020	<0.0012	<0.0014	<0.0016	<0.0018	<0.0013	<b>0.0031</b>	<0.0016	<0.0014	<0.0014	<0.0016
<b>Semivolatile Organic Compounds<sup>4</sup> (mg/kg)</b>													
1,2-Dichlorobenzene	4,170	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
1,3-Dichlorobenzene	NE	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
1,4-Dichlorobenzene	3,240	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
1,2,4-Trichlorobenzene	800	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Hexachlorobenzene	64	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
2-Chloronaphthalene	6,400	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Hexachloroethane	56	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Hexachlorobutadiene	80	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Hexachlorocyclopentadiene	480	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Bis-(2-chloroethoxy)methane	NE	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Bis-(2-chloroethyl)ether	0.909	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
4-chlorophenyl-phenyl ether	NE	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
4-bromophenyl-phenyl ether	NE	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
3,3'-Dichlorobenzidine	2.22	<0.28	<0.24	<0.17	<0.23	<0.20	<0.25	<0.19	<0.22	<0.24	<0.23	<0.24	<0.23
4-Chloroaniline	NE	<0.28	<0.24	<0.17	<0.23	<0.20	<0.25	<0.19	<0.22	<0.24	<0.23	<0.24	<0.23
Nitrobenzene	160	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Aniline	560	<0.28	<0.24	<0.17	<0.23	<0.20	<0.25	<0.19	<0.22	<0.24	<0.23	<0.24	<0.23
2-Nitroaniline	0.0000143	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
3-Nitroaniline	NE	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045

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4-Nitroanaline	NE	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
N-Nitrosodimethylamine	0.64	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
N-Nitroso-di-n-propylamine	0.143	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
n-Nitrosodiphenylamine	204	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
2,4-Dinitrotoluene	160	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
2,6-Dinitrotoluene	24	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Carbazole	NE	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Benzyl alcohol	8,000	<0.28	<0.024	<0.17	<0.23	<0.20	<0.25	<0.19	<0.22	<0.024	<0.23	<0.024	<0.23
Dibenzofuran	80	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Isophorone	16,000	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Phenol	24,000	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
2-Methylphenol (o-Cresol)	4,000	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
3-Methylphenol+4-Methylphenol	4,000	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
2,4-Dimethylphenol	1,600	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
2-Chlorophenol	400	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
2,4-Dichlorophenol	240	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
2,4,5-Trichlorophenol	8,000	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
2,4,6-Trichlorophenol	80	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Pentachlorophenol	400	<0.28	<0.024	<0.17	<0.23	<0.20	<0.25	<0.19	<0.22	<0.024	<0.23	<0.024	<0.23
4-Chloro-3methylphenol	NE	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
2-Nitrophenol	NE	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
4-Nitrophenol	NE	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
2,4-Dinitrophenol	160	<0.28	<0.024	<0.17	<0.23	<0.20	<0.25	<0.19	<0.22	<0.024	<0.23	<0.024	<0.23
Methyl-4,6-Dinitrophenol 2-	NE	<0.28	<0.024	<0.17	<0.23	<0.20	<0.25	<0.19	<0.22	<0.024	<0.23	<0.024	<0.23
Dimethyl phthalate	NE	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Diethyl phthalate	64,000	<0.28	<0.024	<0.17	<0.23	<0.20	<0.25	<0.19	<0.22	<0.024	<0.23	<0.024	<0.23
Di-n-butyl phthalate	8,000	<b>0.083</b>	<0.049	<0.035	<0.045	<0.040	<b>0.053</b>	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Benz butyl phthalate	16,000	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Di-n-octyl phthalate	800	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
Bis(2-ethylhexyl) phthalate	1,600	<0.055	<0.049	<0.035	<0.045	<0.040	<0.045	<0.037	<0.044	<0.047	<0.047	<0.049	<0.045
<b>Polycyclic Aromatic Hydrocarbons<sup>5</sup> (mg/kg)</b>													
1-Methylnaphthalene	56,000	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<b>0.018</b>	<0.0075	<0.0087	<0.0094	<0.0093	<0.0039	<0.0091
2-Methylnaphthalene	320	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<b>0.04</b>	<0.0075	<0.0087	<0.0094	<0.0093	<0.0039	<0.0091
Naphthalene	5	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<b>0.13</b>	<0.0075	<0.0087	<0.0094	<0.0093	<0.0039	<0.0091
Acenaphthylene	NE	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<0.0098	<0.0075	<0.0087	<0.0094	<0.0093	<0.0039	<0.0091
Acenaphthene	4,800	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<b>0.013</b>	<0.0075	<0.0087	<0.0094	<0.0093	<0.0039	<0.0091
Fluorene	3,200	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<b>0.01</b>	<0.0075	<0.0087	<0.0094	<0.0093	<0.0039	<0.0091
Phenanthrene	NE	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<b>0.026</b>	<0.0075	<0.0087	<0.0094	<0.0093	0.0052	<0.0091
Anthracene	24,000	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<0.0098	<0.0075	<0.0087	<0.0094	<0.0093	<0.0039	<0.0091
Fluoranthene	3,200	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<0.0098	<0.0075	<0.0087	<0.0094	<0.0093	<b>0.017</b>	<0.0091
Pyrene	2,400	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<0.0098	<0.0075	<0.0087	<0.0094	<0.0093	<b>0.016</b>	<0.0091
Benzo(a)anthracene	1.37	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<0.0098	<0.0075	<0.0087	<0.0094	<0.0093	<b>0.012</b>	<0.0091
Chrysene	137	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<0.0098	<0.0075	<0.0087	<0.0094	<0.0093	<b>0.015</b>	<0.0091
Benzo(b)fluoranthene	1.37	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<0.0098	<0.0075	<0.0087	<0.0094	<0.0093	<b>0.02</b>	<0.0091
Benzo(j,k)fluoranthene	13.7	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<0.0098	<0.0075	<0.0087	<0.0094	<0.0093	<b>0.0062</b>	<0.0091
Benzo(a)pyrene	0.1	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<0.0098	<0.0075	<0.0087	<0.0094	<0.0093	<b>0.0089</b>	<0.0091
Indeno(1,2,3-cd)pyrene	1.37	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<0.0098	<0.0075	<0.0087	<0.0094	<0.0093	<b>0.009</b>	<0.0091
Dibenz(a,h)anthracene	0.137	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<0.0098	<0.0075	<0.0087	<0.0094	<0.0093	<0.0039	<0.0091
Benzo(g,h,i)perylene	NE	<0.011	<0.0098	<0.0069	<0.0091	<0.0079	<0.0098	<0.0075	<0.0087	<0.0094	<0.0093	<b>0.011</b>	<0.0091

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<b>Polychlorinated Biphenyls<sup>6</sup> (mg/kg)</b>													
Aroclor #1016	5.6	<0.083	<0.073	<0.052	<0.068	<0.060	<0.074	<0.056	<0.066	<0.071	<0.070	<0.059	<0.068
Aroclor #1221	NE	<0.083	<0.073	<0.052	<0.068	<0.060	<0.074	<0.056	<0.066	<0.071	<0.070	<0.059	<0.068
Aroclor #1232	NE	<0.083	<0.073	<0.052	<0.068	<0.060	<0.074	<0.056	<0.066	<0.071	<0.070	<0.059	<0.068
Aroclor #1242	NE	<0.083	<0.073	<0.052	<0.068	<0.060	<0.074	<0.056	<0.066	<0.071	<0.070	<0.059	<0.068
Aroclor #1248	NE	<0.083	<0.073	<0.052	<0.068	<0.060	<0.074	<0.056	<0.066	<0.071	<0.070	<0.059	<0.068
Aroclor #1254	1.6	<0.083	<0.073	<0.052	<0.068	<0.060	<0.074	<0.056	<0.066	<0.071	<0.070	<0.059	<0.068
Aroclor #1260	0.5	<0.083	<0.073	<0.052	<0.068	<0.060	<0.074	<0.056	<0.066	<0.071	<0.070	<0.059	<0.068
<b>Total Metals<sup>7</sup> (mg/kg)</b>													
Arsenic	20	<17	<15	<10	<14	<12	<15	<11	<13	<14	<14	<12	<14
Barium	16,000	<b>42</b>	<b>57</b>	<b>24</b>	<b>47</b>	<b>27</b>	<b>46</b>	<b>26</b>	<b>33</b>	<b>34</b>	<b>27</b>	<b>60</b>	<b>37</b>
Cadmium	2	<0.83	<0.73	<0.52	<0.68	<0.60	<0.74	<0.56	<0.66	<0.71	<0.70	<0.59	<0.68
Chromium	2,000	<b>18</b>	<b>20</b>	<b>11</b>	<b>16</b>	<b>10</b>	<b>17</b>	<b>9.9</b>	<b>17</b>	<b>11</b>	<b>17</b>	<b>36</b>	<b>17</b>
Lead	250	<8.3	<7.3	<5.2	<6.8	<6.0	<7.4	<5.6	<6.6	<7.1	<7.0	<b>6.2</b>	<6.8
Mercury <sup>8</sup>	2	<0.41	<0.37	<0.26	<0.34	<0.30	<0.37	<0.28	<0.33	<0.35	<0.35	<0.29	<0.34
Selenium	400	<17	<15	<10	<14	<12	<15	<11	<13	<14	<14	<12	<14
Silver	400	<1.7	<1.5	<1.0	<1.4	<1.2	<1.5	<1.1	<1.3	<1.4	<1.4	<1.2	<1.4
<b>Miscellaneous (%)</b>													
Moisture	NE	40%	32%	4%	27%	16%	32%	11%	24%	29%	29%	15%	26%

NOTES:

Samples were collected on June 5, 2015.

SLV = screening level value

NE= not established

mg/kg = milligrams per kilogram

MDL = method detection limit

< = concentration was not detected at or above the laboratory MDL

**Bold** = concentration detected above the laboratory MDL

*ITALICS* = laboratory MDL exceeds the corresponding PSL

<sup>1</sup> Cleanup Levels and Risk Calculations (CLARC) under the Method A or Method B Model Toxics Control Act Cleanup Regulation, Version 3.1, Ecology Publication No. 94-145, updated May 2014.

<sup>2</sup>TPH analysis by Northwest Method NWTPH-Dx for diesel- and oil-range organics and Northwest Method NWTPH-Gx for gasoline range organics.

<sup>3</sup>Volatile organic compound analysis by EPA Method 8260C.

<sup>4</sup>Semivolatile organic compound analysis by EPA Method 8270D.

<sup>5</sup>Polycyclic Aromatic Hydrocarbon analysis by EPA Method 8270D SIM.

<sup>6</sup>Polychlorinated biphenyl analysis by EPA Method 8082A.

<sup>7</sup>Total metals analysis by EPA Method 6010C/7471B unless otherwise noted.

<sup>8</sup>Total mercury analysis by EPA Method 1631E.