

Table 2
Groundwater Analytical Results
Independent Metals Company - Plant 1
703 & 747 South Monroe Street
Seattle, Washington
Pacific Crest PN: 105-017

Analyte	PSL ¹	Plant 1 Storage Lot		Plant 1 Facility	
		SB1-060515	SB2-060515	SB5-060515	SB6-8060515
Total Petroleum Hydrocarbons² (µg/L)					
Diesel	500	<0.26	<0.26	<0.26	<0.26
Oil	500	<0.42	<0.42	<0.42	<0.42
Gasoline	1,000	<0.10	<0.10	<0.10	<0.10
Volatile Organic Compounds³ (µg/L)					
1,1-Dichloroethene	400	<0.20	<0.020	0.56	<0.20
1,2-Dichlorobenzene	720	<0.20	<0.20	<0.20	<0.20
1,2,4-Trimethylbenzene	NE	<0.20	<0.20	<0.20	<0.20
1,3,5-Trimethylbenzene	80	<0.20	<0.20	<0.20	<0.20
Acetone	7,200	5.5	<5.0	<5.0	<5.0
Benzene	5	<0.20	<0.20	<0.20	<0.20
Carbon Disulfide	80	0.28	<0.20	<0.20	<0.20
Chlorobenzene	160	<0.20	<0.20	<0.20	<0.20
Chloroform	80	<0.20	<0.20	0.35	<0.20
cis-1,2 Dichloroethene	16	0.36	0.24	<0.20	<0.20
Ethylbenzene	700	<0.20	<0.20	<0.20	<0.20
Isopropylbenzene	NE	<0.20	<0.20	<0.20	<0.20
p-Isopropyltoluene	NE	<0.20	<0.20	<0.20	<0.20
n-Propylbenzene	800	<0.20	<0.20	<0.20	<0.20
Methyl t-Butyl Ether	20	0.44	0.39	<0.20	<0.20
Sec-Butylbenzene	800	<0.20	<0.20	<0.20	<0.20
n-Butylbenzene	400	<0.20	<0.20	<0.20	<0.20
tert-Butylbenzene	800	<0.20	<0.20	<0.20	<0.20
Tetrachloroethene	5	<0.20	<0.20	<0.20	<0.20
Toluene	1,000	<1.0	<1.0	<1.0	<1.0
Total Xylenes	1,000	<0.60	<0.60	<0.60	<0.60
trans-1,2 Dichloroethene	160	<0.20	<0.20	<0.20	<0.20
Vinyl Chloride	0.2	<0.20	<0.20	<0.20	<0.20
Trichloroethene	5	<0.20	<0.20	<0.20	<0.20
Semivolatile Organic Compounds⁴ (µg/L)					
1,2-Dichlorobenzene	720	<0.96	<0.95	<0.95	<0.95
1,3-Dichlorobenzene	NE	<0.96	<0.95	<0.95	<0.95
1,4-Dichlorobenzene	560	<0.96	<0.95	<0.95	<0.95
1,2,4-Trichlorobenzene	80	<0.96	<0.95	<0.95	<0.95
Hexachlorobenzene	12.8	<0.96	<0.95	<0.95	<0.95
2-Chloronaphthalene	NE	<0.96	<0.95	<0.95	<0.95
Hexachloroethane	5.6	<0.96	<0.95	<0.95	<0.95
Hexachlorobutadiene	8	<0.96	<0.95	<0.95	<0.95
Hexachlorocyclopentadiene	0.4	<0.96	<0.95	<0.95	<0.95
Bis-(2-chloroethoxy)methane	NE	<0.96	<0.95	<0.95	<0.95
Bis-(2-chloroethyl)ether	0.0398	<0.96	<0.95	<0.95	<0.95
4-chlorophenyl-phenyl ether	NE	<0.96	<0.95	<0.95	<0.95
4-bromophenyl-phenyl ether	NE	<0.96	<0.95	<0.95	<0.95
3,3'-Dichlorobenzidine	0.194	<0.96	<0.95	<0.95	<0.95
4-Chloroaniline	NE	<0.96	<0.95	<0.95	<0.95
Nitrobenzene	16	<0.96	<0.95	<0.95	<0.95

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Aniline	56	<4.8	<4.8	<4.8	<4.8
2-Nitroaniline	16	<0.96	<0.95	<0.95	<0.95
3-Nitroaniline	NE	<0.96	<0.95	<0.95	<0.95
4-Nitroaniline	NE	<0.96	<0.95	<0.95	<0.95
N-Nitrosodimethylamine	0.000292	<0.96	<0.95	<0.95	<0.95
N-Nitroso-di-n-propylamine	0.0125	<0.96	<0.95	<0.95	<0.95
n-Nitrosodiphenylamine	17.9	<0.96	<0.95	<0.95	<0.95
2,4-Dinitrotoluene	32	<0.96	<0.95	<0.95	<0.95
2,6-Dinitrotoluene	4.8	<0.96	<0.95	<0.95	<0.95
Carbazole	NE	<0.96	<0.95	<0.95	<0.95
Benzyl alcohol	800	<0.96	<0.95	<0.95	<0.95
Dibenzofuran	16	<0.96	<0.95	<0.95	<0.95
Isophorone	1,600	<0.96	<0.95	<0.95	<0.95
Phenol	2,400	<0.96	<0.95	<0.95	<0.95
2-Methylphenol (o-Cresol)	400	<0.96	<0.95	<0.95	<0.95
3-Methylphenol+4-Methylphenol	400	<0.96	<0.95	<0.95	<0.95
2,4-Dimethylphenol	160	<0.96	<0.95	<0.95	<0.95
2-Chlorophenol	40	<0.96	<0.95	<0.95	<0.95
2,4-Dichlorophenol	24	<0.96	<0.95	<0.95	<0.95
2,4,5-Trichlorophenol	800	<0.96	<0.95	<0.95	<0.95
2,4,6-Trichlorophenol	8	<0.96	<0.95	<0.95	<0.95
Pentachlorophenol	80	<4.8	<4.8	<4.8	<4.8
4-Chloro-3methylphenol	NE	<0.96	<0.95	<0.95	<0.95
2-Nitrophenol	NE	<0.96	<0.95	<0.95	<0.95
4-Nitrophenol	NE	<0.96	<0.95	<0.95	<0.95
2,4-Dinitrophenol	32	<4.8	<4.8	<4.8	<4.8
4,6-Dinitro 2-methylphenol	NE	<4.8	<4.8	<4.8	<4.8
Dimethyl phthalate	NE	<0.96	<0.95	<0.95	<0.95
Diethyl phthalate	12,800	<0.96	<0.95	<0.95	<0.95
Di-n-butyl phthalate	0.1	<0.96	<0.95	<0.95	<0.95
Benz butyl phthalate	3,200	<0.96	<0.95	<0.95	<0.95
Di-n-octyl phthalate	160	<0.96	<0.95	<0.95	<0.95
Bis(2-ethylhexyl) phthalate	320	<4.8	<4.8	<4.8	<4.8
Polycyclic Aromatic Hydrocarbons⁵ (µg/L)					
1-Methylnaphthalene	560	<0.096	<0.095	<0.095	<0.095
2-Methylnaphthalene	32	<0.096	<0.095	<0.095	<0.095
Naphthalene	160	<0.096	<0.095	<0.095	<0.095
Acenaphthylene	NE	<0.096	<0.095	<0.095	<0.095
Acenaphthene	960	<0.096	<0.095	<0.095	<0.095
Fluorene	640	<0.096	<0.095	<0.095	<0.095
Phenanthrene	NE	<0.096	<0.095	<0.095	<0.095
Anthracene	4,800	<0.096	<0.095	<0.095	<0.095
Fluoranthene	640	<0.096	<0.095	<0.095	<0.095
Pyrene	480	<0.096	<0.095	<0.095	<0.095
Benzo(a)anthracene	0.120	0.011	0.012	0.0095	<0.0095

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Chrysene	12	<0.0096	0.01	<0.0095	<0.0095
Benzo(b)fluoranthene	0.12	0.014	0.012	<0.0095	<0.0095
Benzo(j,k)fluoranthene	1.2	<0.0096	<0.0095	<0.0095	<0.0095
Benzo(a)pyrene	0.1	<0.0096	<0.0095	<0.0095	<0.0095
Indeno(1,2,3-cd)pyrene	0.12	<0.0096	<0.0095	<0.0095	<0.0095
Dibenz(a,h)anthracene	0.012	<0.0096	<0.0095	<0.0095	<0.0095
Benzo(g,h,i)perylene	NE	<0.0096	<0.0095	<0.0095	<0.0095
Polychlorinated Biphenyls⁶ (µg/L)					
Aroclor #1016	1.12	<0.048	<0.048	<0.048	<0.047
Aroclor #1221	NE	<0.048	<0.048	<0.048	<0.047
Aroclor #1232	NE	<0.048	<0.048	<0.048	<0.047
Aroclor #1242	NE	<0.048	<0.048	<0.048	<0.047
Aroclor #1248	NE	<0.048	<0.048	<0.048	<0.047
Aroclor #1254	0.32	<0.048	<0.048	<0.048	<0.047
Aroclor #1260	0.0438	<i><0.048</i>	<i><0.048</i>	<i><0.048</i>	<i><0.047</i>
Dissolved Metals⁷ (µg/L)					
Arsenic	5	<3	<3	<3	<3
Barium	3,200	<25	<25	<25	<25
Cadmium	5	<4	<4	<4	<4
Chromium	5	<10	<10	<10	<10
Lead	15	<1	<1	<1	<1
Mercury ⁸	2	<0.50	<0.50	<0.50	<0.50
Selenium	80	<5	<5	<5	<5
Silver	80	<10	<10	<10	<10

NOTES:

Samples were collected on June 5, 2015.

PSL = preliminary screening level

NE= not established

µg/L = micrograms per liter

MDL = method detection limit

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

Bold = concentration detected above the laboratory MDL

ITALICS = laboratory method detection limit is greater than the corresponding PSL

¹Cleanup Levels and Risk Calculations (CLARC) under the MTCA Method A and Method B Cleanup Regulations, Version 3.1, Ecology Publication No. 94-145, updated November 2001.

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

³Volatile organic compound analysis by EPA Method 8260C.

⁴Semivolatile organic compound analysis by EPA Method 8270D.

⁵Polycyclic Aromatic Hydrocarbon analysis by EPA Method 8270D SIM.

⁶Polychlorinated biphenyl analysis by EPA Method 8082A.

⁷Dissolved metals analysis by EPA Method 200.8 unless otherwise noted.

⁸Total mercury analysis by EPA Method 1631E.