

Table 910-1

Samples Collected 3/5/18 @ 09:30am

CONCENTRATION LEVELS									
Contaminant of Concern	Concentrations	Units	Hudson Sample #1	Hudson Sample #2	Hudson Sample #3	Hudson Sample #4	Hudson Sample #5	Hudson Sample #6	Background
Organic Compounds in Soil									
TPH (Gasoline Range Organics) C6-C10	500	mg/kg	ND	ND	ND	ND	ND	ND	ND
TPH (Diesel Range Organics) C11-C28	500	mg/kg	ND	4.55	61.9	47.4	ND	13.4	8.09
Benzene	0.17	mg/kg	ND	ND	ND	ND	ND	ND	ND
Toluene	85	mg/kg	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100	mg/kg	ND	ND	ND	ND	ND	ND	ND
Xylenes (total)	175	mg/kg	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	1000	mg/kg	ND	ND	ND	ND	ND	0.0108	ND
Anthracene	1000	mg/kg	ND	ND	ND	ND	ND	ND	ND
Benzo(A)anthracene	0.22	mg/kg	ND	ND	ND	ND	ND	0.00859	ND
Benzo(B)fluoranthene	0.22	mg/kg	ND	ND	ND	ND	ND	0.0134	ND
Benzo(K)fluoranthene	2.2	mg/kg	ND	ND	ND	ND	ND	ND	ND
Benzo(A)pyrene	0.022	mg/kg	ND	ND	ND	ND	ND	0.00716	ND
Chrysene	22	mg/kg	ND	ND	ND	ND	ND	0.0291	ND
Dibenzo(A,H)anthracene	0.022	mg/kg	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1000	mg/kg	ND	ND	ND	ND	ND	0.0151	ND
Fluorene	1000	mg/kg	ND	ND	ND	ND	ND	0.0112	ND
Indeno(1,2,3,C,D)pyrene	0.22	mg/kg	ND	ND	ND	ND	ND	ND	ND
Napthalene	23	mg/kg	ND	ND	ND	ND	ND	0.167	ND
Pyrene	1000	mg/kg	ND	ND	ND	ND	ND	0.0287	ND
Organic Compounds in Ground Water									
Benzene	5	µg/l							
Toluene	560 to 1000	µg/l							
Ethylbenzene	700	µg/l							
Xylenes (total)	1400 to 10,000	µg/l							
Inorganics in Soils									
Electrical Conductivity (EC)	<4000 or 2x background	umhos/cm	899	293	922	487	1190	316	65.9
Sodium Adsorption Ratio (SAR)	<12	NA	5	1.8	4.72	18.2	9.89	3.26	0.302
pH	6.0-9.0	NA	8.53	9.08	8.14	8.81	8.56	9.04	7.51
Inorganics in Ground Water									
Total Dissolved Solids (TDS)	<1.25 x background	NA							
Chlorides	<1.25 x background	NA							
Sulfates	<1.25 x background	NA							
Metals in Soils									
Arsenic	0.39	mg/kg	ND	ND	ND	ND	ND	ND	ND
Barium Total	15,000	mg/kg	172	215	124	217	163	ND	137
Boron		mg/kg							
Boron (Hot Water Soluble)	2	mg/L							
Cadmium	70	mg/kg	ND	ND	ND	ND	ND	ND	1.11
Chromium (III)	120,000	mg/kg	9.27	3.2	7.63	10	18.8	4.89	12.7
Chromium (VI)	23	mg/kg	ND	ND	ND	ND	ND	ND	ND
Copper	3,100	mg/kg	10.1	3.75	9.7	8.89	10.3	6.44	13.5
Lead	400	mg/kg	6.18	1.85	6.19	2.83	3.99	2.83	31.9
Mercury	23	mg/kg	ND	ND	ND	ND	ND	ND	ND
Nickel	1,600	mg/kg	10.3	5.93	9.11	10.8	11.9	6.21	11.5
Selenium	390	mg/kg	ND	ND	ND	ND	ND	ND	ND
Silver	390	mg/kg	ND	ND	ND	ND	ND	ND	ND
Zinc	23,000	mg/kg	30.6	46.6	29	34.1	28.1	17.7	92.5
Chromium		mg/kg	9.27	3.2	7.63	10	18.8	4.89	12.7
Liquid Hydrocarbons in Soils and Ground Water									
Liquid hydrocarbons including condensate and oil	Below detection level	NA							