

Table 910-1			Mutual 1-17H	
CONCENTRATION LEVELS				
Contaminant of Concern	Concentrations	Units	Sample site 1 - Grab	Sample site 2 - Composite
Organic Compounds in Soil			SDE_M1-17_SS_02_1-2	SDE_M1-17_SS_C
TPH (Gasoline Range Organics)	500	mg/kg	0.0424	0.178
TPH (Diesel Range Organics)		mg/kg	11.3	9.43
Benzene	0.17	mg/kg	0.00034	0.000737
Toluene	85	mg/kg	0.000529	0.00106
Ethylbenzene	100	mg/kg	0.00101	0.000479
Xylenes (total)	175	mg/kg	0.000714	0.00254
Acenaphthene	1000	mg/kg	ND	ND
Anthracene	1000	mg/kg	ND	0.000838
Benzo(A)anthracene	0.22	mg/kg	0.000631	0.0016
Benzo(B)fluoranthene	0.22	mg/kg	ND	0.00156
Benzo(K)fluoranthene	2.2	mg/kg	ND	0.000612
Benzo(A)pyrene	0.022	mg/kg	ND	0.001
Chrysene	22	mg/kg	ND	0.00129
Dibenzo(A,H)anthracene	0.022	mg/kg	ND	ND
Fluoranthene	1000	mg/kg	ND	0.00263
Fluorene	1000	mg/kg	0.000876	0.00118
Indeno(1,2,3,C,D)pyrene	0.22	mg/kg	ND	ND
Napthalene	23	mg/kg	ND	0.00458
Pyrene	1000	mg/kg	ND	0.00314
Organic Compounds in Ground Water				
Benzene	5	µg/l	NA	NA
Toluene	560 to 1000	µg/l	NA	NA
Ethylbenzene	700	µg/l	NA	NA
Xylenes (total)	1400 to 10,000	µg/l	NA	NA
Inorganics in Soils				
Electrical Conductivity (EC)	<4000 or 2x background	umhos/cm	2840	1630
Sodium Adsorption Ratio (SAR)	<12	NA	9.94	22.6
pH	6.0-9.0	NA	7.87	7.95
Inorganics in Ground Water				
Total Dissolved Solids (TDS)	<1.25 x background	NA	NA	NA
Chlorides	<1.25 x background	NA	NA	NA
Sulfates	<1.25 x background	NA	NA	NA
Metals in Soils				
Arsenic	0.39	mg/kg	1.49	0.658
Barium Total	15,000	mg/kg	543	426
Boron (Hot Water Soluble)	2	mg/L	NA	NA
Boron		mg/kg	ND	ND
Cadmium	70	mg/kg	ND	ND
Chromium (III)	120,000	mg/kg	10.4	8.76
Chromium (VI)	23	mg/kg	ND	ND
Copper	3,100	mg/kg	11	9.74
Lead	400	mg/kg	2.79	2.73
Mercury	23	mg/kg	0.0103	0.0149
Nickel	1,600	mg/kg	12.1	8.17
Selenium	390	mg/kg	ND	ND
Silver	390	mg/kg	ND	ND
Zinc	23,000	mg/kg	35.2	27.8
Chromium		mg/kg	12.8	8.76
Liquid Hydrocarbons in Soils and Ground Water				
Liquid hydrocarbons including condensate and oil	Below detection level	NA	NA	NA