

Table 910-1			Mutual 2-30, 4-30 Pad- Drill Cutting Excavation							
CONCENTRATION LEVELS										
Contaminant of Concern	Concentrations	Units	Sample Site 1	Sample Site 2	Sample Site 3	Sample Site 4	Sample Site 5	Sample Site 6	Sample Site 7	Sample Site 8
Organic Compounds in Soil			SDE_SS_M_09	SDE_SS_M_17	SDE_SS_M_25	SDE_SS_M_46	SDE_SS_M_58	SDE_SS_M_44	SDE_SS_M_45	SDE_SS_M_31
TPH (Gasoline Range Organics)	500	mg/kg	ND	ND	ND	0.812	0.0348	ND	ND	ND
TPH (Diesel Range Organics)		mg/kg	3.90	22.4	ND	19.6	16.30	ND	ND	ND
Benzene	0.17	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	85	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (total)	175	mg/kg	ND	ND	ND	0.00615	ND	ND	ND	ND
Acenaphthene	1000	mg/kg	ND	ND	ND	0.000674	0.000692	ND	ND	ND
Anthracene	1000	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(A)anthracene	0.22	mg/kg	ND	ND	ND	ND	0.000697	ND	ND	ND
Benzo(B)fluoranthene	0.22	mg/kg	ND	ND	ND	0.000732	0.00145	ND	ND	ND
Benzo(K)fluoranthene	2.2	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(A)pyrene	0.022	mg/kg	ND	ND	ND	ND	0.000675	ND	ND	ND
Chrysene	22	mg/kg	ND	0.00104	ND	0.00104	0.00137	ND	ND	ND
Dibenzo(A,H)anthracene	0.022	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1000	mg/kg	ND	ND	ND	0.000806	ND	ND	ND	ND
Fluorene	1000	mg/kg	ND	0.00118	ND	0.00211	0.00163	ND	ND	ND
Indeno(1,2,3,C,D)pyrene	0.22	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Napthalene	23	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	1000	mg/kg	ND	0.00129	ND	0.00105	0.00194	ND	ND	ND
Organic Compounds in Ground Water										
Benzene	5	µg/l	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	560 to 1000	µg/l	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	700	µg/l	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes (total)	1400 to 10,000	µg/l	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics in Soils										
Electrical Conductivity (EC)	<4000 or 2x background	umhos/cm	80.5	154	33.2	402	217	138	946	88.2
Sodium Adsorption Ratio (SAR)	<12	NA	1.13	2.58	0.209	0.342	1.77	0.876	0.928	0.367
pH	6.0-9.0	NA	8.09	8.03	7.53	7.75	8.00	8.25	7.84	8.14
Inorganics in Ground Water										
Total Dissolved Solids (TDS)	<1.25 x background	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorides	<1.25 x background	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfates	<1.25 x background	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals in Soils										
Arsenic	0.39	mg/kg	ND	0.823	ND	1.77	1.62	1.61	ND	ND
Barium Total	15,000	mg/kg	412	698	128	366	1,300	857	129	60.8
Boron (Hot Water Soluble)	2	mg/L	ND	ND	ND	ND	ND	ND	ND	ND
Boron		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	70	mg/kg	0.193	ND	0.158	0.233	ND	0.0808	0.0893	ND
Chromium (III)	120,000	mg/kg	10.0	14.0	10.2	11.1	14.3	7.55	4.98	6.35
Chromium (VI)	23	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Copper	3,100	mg/kg	13.2	15.6	10.4	11.6	14.5	8.80	6.94	4.93
Lead	400	mg/kg	8.68	6.09	6.32	7.25	7.06	5.36	3.55	3.94
Mercury	23	mg/kg	0.00605	0.00884	0.00468	0.00957	0.00558	0.00399	ND	ND
Nickel	1,600	mg/kg	16.0	11.4	10.1	11.7	11.0	8.77	4.86	4.10
Selenium	390	mg/kg	0.969	ND	0.894	ND	ND	ND	ND	ND
Silver	390	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	23,000	mg/kg	32.3	36.3	26.3	37.4	45.4	24.6	17.7	22.4
Chromium		mg/kg	10.0	14.0	10.2	11.1	14.3	7.55	4.98	6.35
Liquid Hydrocarbons in Soils and Ground Water										
Liquid hydrocarbons including condensate and oil	Below detection level	NA	NA	NA	NA	NA	NA	NA	NA	NA