

Table 910-1			Ray Ranch 1-16H	
CONCENTRATION LEVELS				
Contaminant of Concern	Concentrations	Units	Characterization Sample	Confirmation Sample
Organic Compounds in Soil			SDE_SS_RR_01	SDE_SS_RR_CFM_01
TPH (Gasoline Range Organics)	500	mg/kg	125	0.0345
TPH (Diesel Range Organics)		mg/kg	11100	17.4
Benzene	0.17	mg/kg	0.00894	U
Toluene	85	mg/kg	0.160	U
Ethylbenzene	100	mg/kg	0.419	U
Xylenes (total)	175	mg/kg	1.98	U
Acenaphthene	1000	mg/kg	0.430	0.00159
Anthracene	1000	mg/kg	0.387	0.00165
Benzo(A)anthracene	0.22	mg/kg	0.0161	U
Benzo(B)fluoranthene	0.22	mg/kg	0.00847	U
Benzo(K)fluoranthene	2.2	mg/kg	0.00364	U
Benzo(A)pyrene	0.022	mg/kg	0.0171	U
Chrysene	22	mg/kg	0.0316	U
Dibenzo(A,H)anthracene	0.022	mg/kg	U	U
Fluoranthene	1000	mg/kg	0.0189	U
Fluorene	1000	mg/kg	0.459	U
Indeno(1,2,3,C,D)pyrene	0.22	mg/kg	U	U
Napthalene	23	mg/kg	0.848	0.00746
Pyrene	1000	mg/kg	0.506	0.00148
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	4950	112
Sodium Adsorption Ratio (SAR)	<12	NA	1.77	0.341
pH	6.0-9.0	NA	9.27	8.98
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	0.962	1.58
Barium Total	15,000	mg/kg	1410	134
Boron (Hot Water Soluble)	2	mg/L	U	U
Boron		mg/kg	U	U
Cadmium	70	mg/kg	U	0.0974
Chromium (III)	120,000	mg/kg	10.8	14.3
Chromium (VI)	23	mg/kg	0	U
Copper	3,100	mg/kg	8.23	11.0
Lead	400	mg/kg	4.52	5.32
Mercury	23	mg/kg	0.0135	0.0136
Nickel	1,600	mg/kg	6.5	10.3
Selenium	390	mg/kg	U	1.21
Silver	390	mg/kg	U	U
Zinc	23,000	mg/kg	33.0	38.9
Chromium		mg/kg	10.8	14.3
Liquid Hydrocarbons in Soils and Ground Water				
Liquid hydrocarbons including condensate and oil	Below detection level	NA	NA	NA