

Table 910-1		PIONEER NATURAL RESOURCES			
CONCENTRATION LEVELS		sampled 1.11.17			
Contaminant of Concern	Concentrations	Units	TAMBURELLI STORAGE POND SS3	TAMBURELLI STORAGE POND SS5	TAMBURELLI STORAGE POND SS9
Organic Compounds in Soil					
TPH (Gasoline Range Organics)	500	mg/kg			
TPH (Diesel Range Organics)		mg/kg			
Benzene	0.17	mg/kg			
Toluene	85	mg/kg			
Ethylbenzene	100	mg/kg			
Xylenes (total)	175	mg/kg			
Acenaphthene	1000	mg/kg			
Anthracene	1000	mg/kg			
Benzo(A)anthracene	0.22	mg/kg			
Benzo(B)fluoranthene	0.22	mg/kg			
Benzo(K)fluoranthene	2.2	mg/kg			
Benzo(A)pyrene	0.022	mg/kg			
Chrysene	22	mg/kg			
Dibenzo(A,H)anthracene	0.022	mg/kg			
Fluoranthene	1000	mg/kg			
Fluorene	1000	mg/kg			
Indeno(1,2,3,C,D)pyrene	0.22	mg/kg			
Napthalene	23	mg/kg			
Pyrene	1000	mg/kg			
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	550	NT	2300
Sodium Adsorption Ratio (SAR)	<12	NA	13	28	27
pH	6.0-9.0	NA	NT	NT	NT
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			
Barium Total	15,000	mg/kg			
Boron	NA	mg/kg			
Boron (Hot Water Soluble)	2	mg/L			
Cadmium	70	mg/kg			
Chromium (III)	120,000	mg/kg			
Chromium (VI)	23	mg/kg			
Copper	3,100	mg/kg			
Lead	400	mg/kg			
Mercury	23	mg/kg			
Nickel	1,600	mg/kg			
Selenium	390	mg/kg			
Silver	390	mg/kg			
Zinc	23,000	mg/kg			
Chromium	<23	mg/kg			
Liquid Hydrocarbons in Soils and Ground Water					
Liquid hydrocarbons including condensate and oil	Below detection level	NA			

NA - not applicable

NT - not tested

ND - below the method detection limit

Cr - if Total Cr is >23 mg/kg, an analysis is completed for Cr VI, to facilitate calculation of Cr III