

Table 910-1		PIONEER NATURAL RESOURCES					
CONCENTRATION LEVELS				Sample Date: 2/4/16			
Contaminant of Concern	Concentrations	Units	WET CANYON ABOVE MUD DUCK SW	WET CANYON BELOW MUD DUCK SW	MUD DUCK 21-26 SPILL PATH SW	WET CANYON @ SUBLIME SW	TRIP BLANK
			Surface Water - Background Sample	Surface Water	Surface Water	Surface Water	NA
			37.14663, -104.86060	37.14608, -104.85987	37.14666, -104.86024	37.13940, -104.85497	NA
Organic Compounds in Ground Water							
Benzene	5	µg/l	ND	ND	ND	ND	ND
Toluene	560 to 1000	µg/l	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/l	ND	ND	ND	ND	ND
Xylenes (total)	1400 to 10,000	µg/l	ND	ND	ND	ND	ND
Inorganics in Ground Water							
Total Dissolved Solids (TDS)	<1.25 x background	NA	1100	1000	2500	900	NT
Chlorides	<1.25 x background	NA	140	140	640	130	NT
Sulfates	<1.25 x background	NA	47	47	ND	44	NT
General Chemistry							
Specific Conductance	NA	umhos/cm	1600	1500	3800	1400	NT
Specific Gravity	NA	No unit	1.0012	1.001	1.0026	1.0011	NT
pH	NA	SU	8.13	8.14	8.50	8.23	NT
HEM	NA	mg/L	ND	ND	9.5	ND	NT
Bromide	NA	mg/L	0.87	0.87	4.5	0.81	NT
Total Alkalinity	NA	mg/L	660	670	1200	580	NT
Bicarbonate Alkalinity as CaCO3	NA	mg/L	660	660	1100	570	NT
Carbonate Alkalinity as CaCO3	NA	mg/L	ND	7.5	89	11	NT
Hydroxide Alkalinity	NA	mg/L	ND	ND	ND	ND	NT
TSS	NA	mg/L	6.4	4.8	74	4.8	NT
Sulfide	NA	mg/L	ND	ND	0.21	ND	NT
Metals							
Arsenic	NA	mg/L	ND	ND	ND	ND	NT
Boron	NA	mg/L	0.071	0.07	0.81	0.051	NT
Calcium	NA	mg/L	68	65	37	55	NT
Chromium	NA	mg/L	ND	ND	ND	ND	NT
Copper	NA	mg/L	ND	ND	0.012	ND	NT
Iron	NA	mg/L	0.28	0.2	4.8	0.13	NT
Potassium	NA	mg/L	ND	ND	9.4	ND	NT
Magnesium	NA	mg/L	24	23	13	20	NT
Manganese	NA	mg/L	0.28	0.24	0.097	0.027	NT
Sodium	NA	mg/L	350	340	960	310	NT
Selenium	NA	mg/L	ND	ND	ND	ND	NT
Liquid Hydrocarbons in Soils and Ground Water							
Liquid hydrocarbons including condensate and oil	Below detection level	NA	NA	NA	NA	NA	NT

NT - Not tested

NA - Not applicable

ND - reported below the method detection limit