

Table 910-1		PIONEER NATURAL RESOURCES							
CONCENTRATION LEVELS		Sample date: 2/6/16							
Contaminant of Concern	Concentrations	Units	MUD DUCK 21-26-GS	MUD DUCK 21-26-GS Field Sampling	WET CANYON BELOW MUD DUCK SW EPA	WET CANYON BELOW MUD DUCK SW EPA Field Sampling	WET CANYON ABOVE MUD DUCK SW EPA	WET CANYON ABOVE MUD DUCK SW EPA Field Sampling	TRIP BLANK
			Sample from pipeline	Surface Water	Surface Water	Surface Water	Surface Water - Background Sample	Surface Water	N/A
			37.14801, -104.85995	37.14801, -104.85995	37.14639, -104.86029	37.14639, -104.86029	37.14647, -104.86034	37.14647, -104.86034	NA
Organic Compounds in Ground Water									
Benzene	5	µg/l	0.83	NT	ND	NT	ND	NT	ND
Toluene	560 to 1000	µg/l	ND	NT	ND	NT	ND	NT	ND
Ethylbenzene	700	µg/l	ND	NT	ND	NT	ND	NT	ND
Xylenes (total)	1400 to 10,000	µg/l	ND	NT	ND	NT	ND	NT	ND
Inorganics in Ground Water									
Total Dissolved Solids (TDS)	<1.25 x background	NA	2100	NT	830	NT	830	NT	NT
Chlorides	<1.25 x background	NA	530	NT	110	NT	110	NT	NT
Sulfates	<1.25 x background	NA	ND	NT	36	NT	36	NT	NT
General Chemistry									
Specific Conductance	NA	umhos/cm	3200	3625	1200	1413	1200	1712	NT
Specific Gravity	NA	No unit	1.002	NT	1.0011	NT	1.0008	NT	NT
pH	NA	SU	8.39	7.98	6.08	7.90	8.32	7.93	NT
HEM	NA	mg/L	ND	NT	ND	NT	ND	NT	NT
Bromide	NA	mg/L	3.9	NT	0.72	NT	0.71	NT	NT
Total Alkalinity	NA	mg/L	1100	NT	580	NT	580	NT	NT
Bicarbonate Alkalinity as CaCO3	NA	mg/L	1100	NT	560	NT	560	NT	NT
Carbonate Alkalinity as CaCO3	NA	mg/L	ND	NT	13	NT	18	NT	NT
Hydroxide Alkalinity	NA	mg/L	ND	NT	ND	NT	ND	NT	NT
TSS	NA	mg/L	ND	NT	ND	NT	4	NT	NT
Sulfide	NA	mg/L	ND	NT	ND	NT	ND	NT	NT
Metals									
Arsenic	NA	mg/L	ND	NT	ND	NT	ND	NT	NT
Boron	NA	mg/L	0.8	NT	0.068	NT	0.064	NT	NT
Calcium	NA	mg/L	5.7	NT	54	NT	53	NT	NT
Chromium	NA	mg/L	ND	NT	ND	NT	ND	NT	NT
Copper	NA	mg/L	ND	NT	ND	NT	ND	NT	NT
Iron	NA	mg/L	1.8	NT	0.26	NT	0.25	NT	NT
Potassium	NA	mg/L	ND	NT	ND	NT	ND	NT	NT
Magnesium	NA	mg/L	1.6	NT	202	NT	20	NT	NT
Manganese	NA	mg/L	0.024	NT	0.14	NT	0.14	NT	NT
Sodium	NA	mg/L	880	NT	280	NT	280	NT	NT
Selenium	NA	mg/L	ND	NT	ND	NT	ND	NT	NT
Liquid Hydrocarbons in Soils and Ground Water									
Liquid hydrocarbons including condensate and oil	Below detection level	NA	NA	NT	NA	NT	NA	NT	NT

NT - Not tested

NA - Not applicable

ND - reported below the method detection limit