

Pierce A 1 API# 3004509427

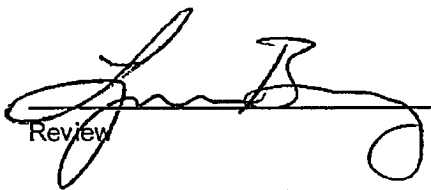
Client:	ConocoPhillips	Project #:	96052-1706
Sample ID:	Pierce Fee A1	Date Reported:	08/18/11
Laboratory Number:	59279	Date Sampled:	08/16/11
Chain of Custody:	12358	Date Received:	08/16/11
Sample Matrix:	Aqueous	Date Analyzed:	08/16/11
Preservative:			
Condition:	Intact		

Parameter	Analytical Result	Units		
pH	7.64	s.u.		
Conductivity @ 25° C	4,490	umhos/cm	RCVD DEC 1'11	
Total Dissolved Solids @ 180C	3,990	mg/L	OIL CONS. DIV.	
Total Dissolved Solids (Calc)	4,340	mg/L		
SAR	23.2	ratio		
Total Alkalinity as CaCO3	120	mg/L	DIST. 3	
Total Hardness as CaCO3	500	mg/L		
Bicarbonate as CaCO3	120	mg/L	1.97	meq/L
Carbonate as CaCO3	< 0.01	mg/L	0.000	meq/L
Hydroxide as CaCO3	< 0.01	mg/L	0.001	meq/L
Nitrate Nitrogen	0.500	mg/L	0.008	meq/L
Nitrite Nitrogen	0.002	mg/L	0.000	meq/L
Chloride	10.0	mg/L	0.282	meq/L
Fluoride	3.60	mg/L	0.190	meq/L
Phosphate	6.70	mg/L	0.212	meq/L
Sulfate	2,850	mg/L	59.3	meq/L
Iron	< 0.01	mg/L	0.000	meq/L
Calcium	195	mg/L	9.73	meq/L
Magnesium	3.16	mg/L	0.260	meq/L
Potassium	6.72	mg/L	0.172	meq/L
Sodium	1,190	mg/L	51.8	meq/L
Cations			61.9	meq/L
Anions			62.0	meq/L
Cation/Anion Difference			0.11%	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
 Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments **Braden Head Water Samples**


 Analyst


 Review