

**CATION / ANION ANALYSIS***Grambling #3 (API # 3004SD7957)*

Client:	ConocoPhillips	Project #:	96052-1706
Sample ID:	Braden Head H2O	Date Reported:	08/18/11
Laboratory Number:	59267	Date Sampled:	08/15/11
Chain of Custody:	12361	Date Received:	08/15/11
Sample Matrix:	Aqueous	Date Analyzed:	08/16/11
Preservative:			
Condition:	Intact		

Parameter	Analytical Result	Units	
pH	9.24	s.u.	
Conductivity @ 25° C	11,100	umhos/cm	RCVD DEC 1 '11
Total Dissolved Solids @ 180C	8,960	mg/L	OIL CONS. DIV.
Total Dissolved Solids (Calc)	10,100	mg/L	
SAR	117	ratio	DIST. 3
Total Alkalinity as CaCO3	140	mg/L	
Total Hardness as CaCO3	141	mg/L	
Bicarbonate as CaCO3	140	mg/L	2.29 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	20.0	mg/L	0.564 meq/L
Fluoride	0.300	mg/L	0.016 meq/L
Phosphate	0.700	mg/L	0.022 meq/L
Sulfate	6,690	mg/L	139 meq/L
Iron	< 0.01	mg/L	0.000 meq/L
Calcium	44.7	mg/L	2.23 meq/L
Magnesium	7.03	mg/L	0.578 meq/L
Potassium	27.8	mg/L	0.711 meq/L
Sodium	3,190	mg/L	139 meq/L
Cations			142 meq/L
Anions			142 meq/L
Cation/Anion Difference			0.00%

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 **Grambling 3**

Analyst

Review

CHAIN OF CUSTODY RECORD

12361

Client: Conoco Phillips			Project Name / Location: Grambling 3			ANALYSIS / PARAMETERS														
Client Address:			Sampler Name: Justin Amyx			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
Client Phone No.: 505 320 8241			Client No.: 96052-1706																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative H ₂ O ₂ HCl														
Braden head 420	8/15	3:00p	59267	Soil Sludge Solid <u>Aqueous</u>															1	Y
				Soil Sludge Solid Aqueous																
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Relinquished by: (Signature) <i>Justin Amyx</i>					Date 8/15	Time 4:00p	Received by: (Signature) <i>[Signature]</i>					Date 8/15/15	Time 4:00p							
Relinquished by: (Signature)							Received by: (Signature)													
Relinquished by: (Signature)							Received by: (Signature)													

AMD 2344735

BENALE



envirotech
Analytical Laboratory

5796 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • lab@envirotech-inc.com