

CATION / ANION ANALYSIS
Calloway 2 (API# 30.045.23366)

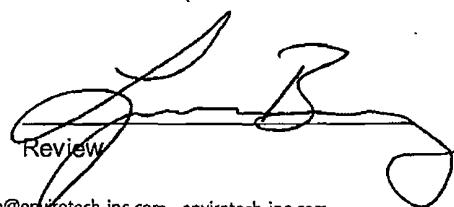
Client:	ConocoPhillips	Project #:	96052-1706
Sample ID:	Complete Water Analysis	Date Reported:	06/22/11
Laboratory Number:	58573	Date Sampled:	06/17/11
Chain of Custody:	11962	Date Received:	06/17/11
Sample Matrix:	Aqueous	Date Analyzed:	06/17/11
Preservative:			
Condition:	Intact		

Parameter	Analytical Result	Units		
pH	11.9	s.u.		
Conductivity @ 25° C	21,500	umhos/cm		
Total Dissolved Solids @ 180C	11,200	mg/L	RCVD DEC 1 '11	
Total Dissolved Solids (Calc)	9,750	mg/L	OIL CONS. DIV.	
SAR	46.1	ratio	DIST. 3	
Total Alkalinity as CaCO3	680	mg/L		
Total Hardness as CaCO3	1,000	mg/L		
Bicarbonate as CaCO3	< 0.01	mg/L	0.000	meq/L
Carbonate as CaCO3	220	mg/L	7.33	meq/L
Hydroxide as CaCO3	460	mg/L	27.0	meq/L
Nitrate Nitrogen	0.500	mg/L	0.008	meq/L
Nitrite Nitrogen	0.004	mg/L	0.000	meq/L
Chloride	2,350	mg/L	66.3	meq/L
Fluoride	4.90	mg/L	0.258	meq/L
Phosphate	0.160	mg/L	0.005	meq/L
Sulfate	3,180	mg/L	66.2	meq/L
Iron	0.012	mg/L	0.000	meq/L
Calcium	401	mg/L	20.0	meq/L
Magnesium	< 0.01	mg/L	0.001	meq/L
Potassium	52.4	mg/L	1.34	meq/L
Sodium	3,350	mg/L	146	meq/L
Cations			167	meq/L
Anions			167	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 **Calloway 2**


 Analyst


 Review

CHAIN OF CUSTODY RECORD

11962

Client: <u>Conoco Phillips</u>			Project Name / Location: <u>Callaway 2</u>			ANALYSIS / PARAMETERS													
Client Address:			Sampler Name: <u>Jesse Kinslaw</u>			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.: <u>320-8748</u>			Client No.: <u>98052-1708</u>																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl ₂ HCl													
Complete Water Analysis	6/17/11	1 PM	58573	Soil Sludge Aqueous	1														
				Soil Sludge Aqueous															
				Soil Sludge Aqueous															
				Soil Sludge Aqueous															
				Soil Sludge Aqueous															
				Soil Sludge Aqueous															
				Soil Sludge Aqueous															
				Soil Sludge Aqueous															
				Soil Sludge Aqueous															
				Soil Sludge Aqueous															
				Soil Sludge Aqueous															
Relinquished by: (Signature) <u>[Signature]</u>					Date	Time	Received by: (Signature) <u>[Signature]</u>					Date	Time						
					6/17/2011	2 PM						6/17/11	14:00						
Relinquished by: (Signature)							Received by: (Signature)												
Relinquished by: (Signature)							Received by: (Signature)												

A065260



envirotech
Analytical Laboratory

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