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Analytical Laboratory

CATION / ANION ANALYSIS

Albright 2J APT # 30-045-23564

Client:	ConocoPhillips	Project #:	96052-1706
Sample ID:		Date Reported:	06/27/11
Laboratory Number:	58623	Date Sampled:	06/23/11
Chain of Custody:	12002	Date Received:	06/23/11
Sample Matrix:	Aqueous	Date Analyzed:	6/23-6/24/11
Preservative:			
Condition:	Intact		

Parameter	Analytical Result	Units	
pH	11.9	s.u.	
Conductivity @ 25° C	8,360	umhos/cm	RCVD DEC 1 '11
Total Dissolved Solids @ 180C	4,520	mg/L	
Total Dissolved Solids (Calc)	4,850	mg/L	OIL CONS. DIV.
SAR	30.1	ratio	
Total Alkalinity as CaCO3	900	mg/L	DIST. 3
Total Hardness as CaCO3	680	mg/L	
Bicarbonate as CaCO3	< 0.01	mg/L	0.000 meq/L
Carbonate as CaCO3	320	mg/L	10.7 meq/L
Hydroxide as CaCO3	580	mg/L	34.1 meq/L
Nitrate Nitrogen	3.00	mg/L	0.048 meq/L
Nitrite Nitrogen	< 0.01	mg/L	0.000 meq/L
Chloride	100	mg/L	2.82 meq/L
Fluoride	0.100	mg/L	0.005 meq/L
Phosphate	2.80	mg/L	0.088 meq/L
Sulfate	2,120	mg/L	44.1 meq/L
Iron	0.009	mg/L	0.000 meq/L
Calcium	272	mg/L	13.6 meq/L
Magnesium	0.049	mg/L	0.004 meq/L
Potassium	6.12	mg/L	0.157 meq/L
Sodium	1,800	mg/L	78.3 meq/L
Cations			92.0 meq/L
Anions			91.9 meq/L
Cation/Anion Difference			0.19%

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 Albright 2J

Analyst

Review

CHAIN OF CUSTODY RECORD

12002

Client: Conoco Phillips			Project Name / Location: Albright 2 J			ANALYSIS / PARAMETERS													
Client Address:			Sampler Name: Dan Sledzinski			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.:			Client No.: 96052-1706																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl ₂ HQ													
	6-23 2011	0930	58623	Soil Sludge Solid Aqueous	1500 Poly													1	X
				Soil Sludge Solid Aqueous															
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				Soil Sludge Solid Aqueous															
Relinquished by: (Signature) [Signature]					Date 6-23-11	Time 1545	Received by: (Signature) Randy Vaguera					Date 6/23/11	Time 15:45						
Relinquished by: (Signature)							Received by: (Signature)												
Relinquished by: (Signature)							Received by: (Signature)												
Kody Martin 326-9724 PO# 7961501																			



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