

Hamner #1

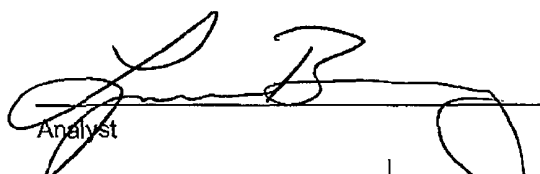
API # 3004508126

Client:	ConocoPhillips	Project #:	96052-1706
Sample ID:	Braden Head Water	Date Reported:	08/12/11
Laboratory Number:	59217	Date Sampled:	08/10/11
Chain of Custody:	12324	Date Received:	08/10/11
Sample Matrix:	Aqueous	Date Analyzed:	08/11/11
Preservative:			
Condition:	Intact		

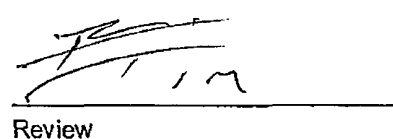
Parameter	Analytical Result	Units	
pH	11.7	s.u.	
Conductivity @ 25° C	15,800	umhos/cm	RCVD DEC 1 '11
Total Dissolved Solids @ 180C	7,520	mg/L	
Total Dissolved Solids (Calc)	8,180	mg/L	OIL CONS. DIV.
SAR	559	ratio	
Total Alkalinity as CaCO3	2,280	mg/L	DIST. 3
Total Hardness as CaCO3	9.97	mg/L	
Bicarbonate as CaCO3	< 0.01	mg/L	0.000 meq/L
Carbonate as CaCO3	1,000	mg/L	33.3 meq/L
Hydroxide as CaCO3	1,280	mg/L	75.3 meq/L
Nitrate Nitrogen	< 0.01	mg/L	0.000 meq/L
Nitrite Nitrogen	< 0.01	mg/L	0.000 meq/L
Chloride	1,810	mg/L	51.1 meq/L
Fluoride	1.79	mg/L	0.094 meq/L
Phosphate	< 0.01	mg/L	0.000 meq/L
Sulfate	908	mg/L	18.9 meq/L
Iron	< 0.01	mg/L	0.000 meq/L
Calcium	3.97	mg/L	0.198 meq/L
Magnesium	< 0.01	mg/L	0.001 meq/L
Potassium	35.9	mg/L	0.918 meq/L
Sodium	4,080	mg/L	177 meq/L
Cations			179 meq/L
Anions			179 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: **Hamner #1**



 Analyst



 Review

CHAIN OF CUSTODY RECORD

12324

Client: <i>Caraco Phillips</i>			Project Name / Location: <i>Hamner #1</i>			ANALYSIS / PARAMETERS													
Client Address:			Sampler Name: <i>Justin Amyx</i>			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.: <i>320-8241</i>			Client No.: <i>96052-1706</i>																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl ₂ HCl													
<i>Bradenhead Water</i>	<i>8/10</i>	<i>10:30am</i>	<i>59217</i>	Soil Solid	Sludge Aqueous	<i>1</i>												<i>N</i>	<i>✓</i>
				Soil Solid	Sludge Aqueous														
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				Soil Solid	Sludge Aqueous														
				Soil Solid	Sludge Aqueous														
Relinquished by: (Signature) <i>Justin Amyx</i>				Date <i>8/10/11</i>	Time <i>3:29p</i>	Received by: (Signature) <i>[Signature]</i>				Date <i>8/10/11</i>	Time <i>15:21</i>								
Relinquished by: (Signature)						Received by: (Signature)													
Relinquished by: (Signature)						Received by: (Signature)													



envirotech
Analytical Laboratory

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