

Bratcher, Mike, EMNRD

From: John Able [JAble@Hungry-Horse.com]
Sent: Wednesday, April 18, 2012 12:45 PM
To: Bratcher, Mike, EMNRD
Subject: Shugart # 24
Attachments: 2012-01-10 12.50.29.jpg; 2012-01-10 12.50.51.jpg; 2012-01-10 12.51.20.jpg; Deliniation Sketch.png; Shugart 24 Delineation.xls; Shugart 24 water sample1.pdf; Shugart initial field test.docx; SKETCH.png

Here is what I have. I also have drill permits and such if you would like them.

May Your Day Be Blessed

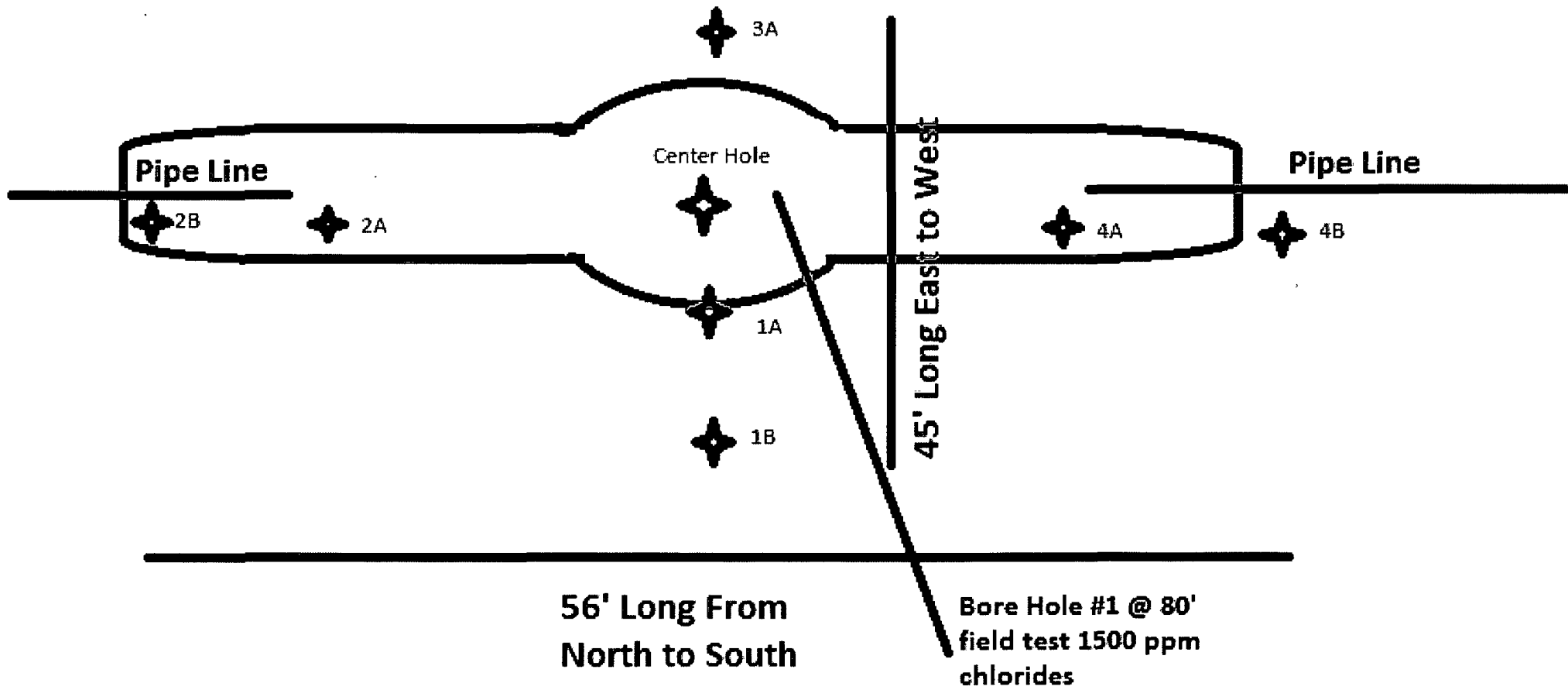
John Able
Hungry Horse LLC
575-631-0983 Cell
575-393-3386 Office
575-391-4585 Fax

Date: *1/19/12

Sample Point	Depth	Field Test
Center Hole	17'	5065 ppm
	20'	5515 ppm
	22'	6015 ppm
1A	7'	6015 ppm
10'	10'	6015 ppm
From center	15'	5065 ppm
Hole	16'	4025 ppm
1B	5'	<70 ppm
30'	7'	<70 ppm
From Center		
Hole		
2A	10'	4025 ppm
10'	15'	3422 ppm
From Center	18'	4740 ppm
Hole		
2B	5'	132 ppm
30'	10'	395 ppm
From Center		
Hole		
3A	5'	<70 ppm
10'	10'	<70 ppm
From Center		
Hole		

[illegible]

SHUGART #24



SHUGART #24

Pipe Line

Pipe Line

12' Hole

Bore Hole #1 80' depth
field test 1500 ppm
chlorides

Shugart Unit #72



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

April 10, 2012

VERNON BLACK

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: SHUGART #24

Enclosed are the results of analyses for samples received by the laboratory on 04/09/12 14:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celely D. Keene

Lab Director/Quality Manager

Analytical Results For:

Hungry Horse Environmental
VERNON BLACK
P.O. Box 1058
Hobbs NM, 88240
Fax To: (505) 391-4585

Received: 04/09/2012
Reported: 04/10/2012
Project Name: SHUGART #24
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 04/09/2012
Sampling Type: Water
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: WATER SAMPLE (H200803-01)

BTEX 8021B		mg/L		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.500	0.500	04/10/2012	ND	0.053	105	0.0500	1.98		
Toluene*	<0.500	0.500	04/10/2012	ND	0.054	108	0.0500	2.46		
Ethylbenzene*	<0.500	0.500	04/10/2012	ND	0.055	110	0.0500	3.43		
Total Xylenes*	<1.50	1.50	04/10/2012	ND	0.167	112	0.150	3.67		

Surrogate 4-Bromofluorobenzene (PIE) 99.6 % 70.7-118

Chloride, SM4500Cl-B		mg/L		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	30500	4.00	04/09/2012	ND	100	100	100	0.00		

TPH 8015M		mg/L		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<1.00	1.00	04/10/2012	ND	53.1	79.7	66.7	4.70	
DRO >C10-C28	<1.00	1.00	04/10/2012	ND	55.7	83.6	66.7	10.7	
EXT DRO >C28-C35	<1.00	1.00	04/10/2012	ND	ND		0.00		

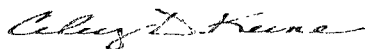
Surrogate 1-Chlorooctane 108 % 49.8-167

Surrogate 1-Chlorooctadecane 124 % 56.6-166

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

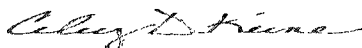
Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>Amigz. Acme</u> Project Manager: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: <u>Lincoln Energy</u> Project Name: <u>Shuge 17-424</u> Project Location: <u>Edley Co.</u> Sampler Name: <u>Schubert</u>		BILL TO P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		ANALYSIS REQUEST <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> FOR LAB USE ONLY Lab I.D. <u>AZ000403</u> Sample I.D. <u>1 hole Sample</u> </div> <div style="width: 60%;"> <table border="1"> <thead> <tr> <th colspan="2">MATRIX</th> <th>PRESERV</th> <th colspan="2">SAMPLING</th> </tr> </thead> <tbody> <tr> <td>GROUNDWATER</td> <td>WASTEWATER</td> <td>ACID/BASE</td> <td>DATE</td> <td>TIME</td> </tr> <tr> <td>SOIL</td> <td>OIL</td> <td>ICE/COOL</td> <td><u>4/9/12</u></td> <td><u>15:30</u></td> </tr> <tr> <td>SLUDGE</td> <td>OTHER</td> <td>OTHER</td> <td><u>9/3/12</u></td> <td></td> </tr> </tbody> </table> </div> </div>												MATRIX		PRESERV	SAMPLING		GROUNDWATER	WASTEWATER	ACID/BASE	DATE	TIME	SOIL	OIL	ICE/COOL	<u>4/9/12</u>	<u>15:30</u>	SLUDGE	OTHER	OTHER	<u>9/3/12</u>	
MATRIX		PRESERV	SAMPLING																																
GROUNDWATER	WASTEWATER	ACID/BASE	DATE	TIME																															
SOIL	OIL	ICE/COOL	<u>4/9/12</u>	<u>15:30</u>																															
SLUDGE	OTHER	OTHER	<u>9/3/12</u>																																

PLEASE NOTE: Liability and Damages: Cardinal's liability and damages exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims arising from negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>Joe Vol</u> Date: <u>4-9-12</u> Time: <u>1420</u>	Received By: <u>Joelle Anderson</u> Date: _____ Time: _____	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____ REMARKS: <u>sample taken & brought directly to lab.</u> <u>RUSH!!</u>
Relinquished By: _____ Date: _____ Time: _____	Received By: _____ Date: _____ Time: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <u>23</u>		Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <u>[Signature]</u>

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

AMERICA East Shugart Ut #24 2RP-1035

Photos by Henry Hense E.N.U.

