

Bratcher, Mike, EMNRD

From: Burton, Michael R [mburton@blm.gov]
Sent: Wednesday, April 18, 2012 7:53 AM
To: Bratcher, Mike, EMNRD
Subject: FW: East Shugart# 24
Attachments: Shugart 24 water sample1.pdf

From: billy.botts@americoenergy.com [mailto:billy.botts@americoenergy.com]
Sent: Monday, April 16, 2012 2:51 PM
To: Burton, Michael R
Subject: Fwd: East Shugart# 24

-----Original Message-----

From: bruce madden [mailto:brucemadden101@hotmail.com]
Sent: Monday, April 16, 2012 03:44 PM
To: billy.botts@americoenergy.com
Subject: FW: East Shugart# 24

Bruce Madden
Production Foreman
Americo Energy Resources, LLC

From: brucemadden101@hotmail.com
To: ehsan.bayat@americoenergy.com; eddie.taj@americoenergy.com; glenn.bertrand@americoenergy.com; ghasem.bayat@americoenergy.com; joe.jensen@americoenergy.com; kim.laney@americoenergy.com; oscar.nastrati@americoenergy.com; mossy.alavi@americoenergy.com; pamela.fendley@americoenergy.com
Subject: FW: East Shugart# 24
Date: Wed, 11 Apr 2012 19:47:35 -0500

water sample for drilled hole

Bruce Madden
Production Foreman
Americo Energy Resources, LLC

From: JAble@Hungry-Horse.com

To: brucemadden101@hotmail.com

Subject: East Shugart# 24

Date: Wed, 11 Apr 2012 15:46:15 +0000

Here are the results from the monitor well. We tested for BTEX, TPH, and Chlorides. The salt is extremely high but the others seem to be miniscule.

May Your Day Be Blessed

John Able

Hungry Horse LLC

575-631-0983 Cell

575-393-3386 Office

575-391-4585 Fax

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.

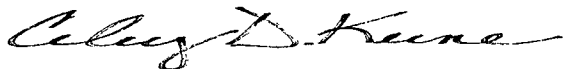
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| 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,



Celey 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 (PIL) 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 | | |

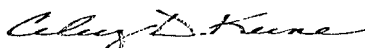
Surrogate 1-Chlorooctane 108 % 49.8-167

Surrogate 1-Chlorooctadecane 124 % 56.6-166

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

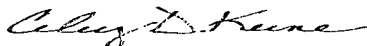
Notes and Definitions

| | |
|-----|--|
| 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

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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>Amey's House</u> | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | |
| Project Manager: | | | | P.O. #: | | | | <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <u>7-11-12</u> <u>15-12-12</u> <u>9/3/12</u> </div> <div style="width: 20%;"> <u>1-11-12</u> <u>1-11-12</u> <u>1-11-12</u> </div> <div style="width: 20%;"> <u>1-11-12</u> <u>1-11-12</u> <u>1-11-12</u> </div> <div style="width: 20%;"> <u>1-11-12</u> <u>1-11-12</u> <u>1-11-12</u> </div> <div style="width: 20%;"> <u>1-11-12</u> <u>1-11-12</u> <u>1-11-12</u> </div> <div style="width: 20%;"> <u>1-11-12</u> <u>1-11-12</u> <u>1-11-12</u> </div> </div> | | | | | | | | | | | | | | | | | | |
| Address: | | | | Company: | | | | | | | | | | | | | | | | | | | | | | |
| City: State: Zip: | | | | Attn: | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: Fax #: | | | | Address: | | | | | | | | | | | | | | | | | | | | | | |
| Project #: Project Owner: <u>Lincoln E. Egan</u> | | | | City: | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: <u>Shugart #24</u> | | | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: <u>Edging Co</u> | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: <u>Isabel</u> | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | MATRIX | | PRESERV | | SAMPLING | | | | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER | ACID/BASE | ICE / COOL | OTHER | DATE | TIME | | | | | | | | | | | | |
| <u>AZ000003</u> | <u>6-16-12 Sample</u> | | | <input checked="" type="checkbox"/> | | | | | | | | | <u>4/9/12</u> | <u>15:12</u> | | | | | | | | | | | | |

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| | | | | |
|--------------------------------|-------------------------------|--|--|----------------|
| Relinquished By: <u>Isabel</u> | Date: <u>4-9-12</u> | Received By: <u>Joan Hanson</u> | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| Relinquished By: | Date: | Received By: | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Delivered By: (Circle One) | Time: <u>1425</u> | Time: | REMARKS: <u>sample taken & brought directly to lab.</u> | |
| Sampler - UPS - Bus - Other: | Sample Condition: <u>23°C</u> | Cool Intact: <input checked="" 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. #26