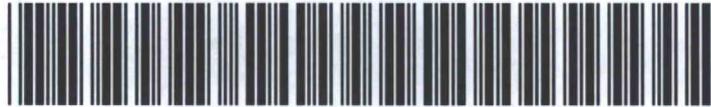




AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pPAC0617429881

1RP - 934

FASKEN OIL & RANCH LTD

PAC 0619429881

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

| | |
|---|-----------------------------|
| Name of Company Fasken Oil and Ranch, Ltd. | Contact Jimmy Carlisle |
| Address 303 W. Wall Ave., Suite 1800, Midland, TX | Telephone No. 432-818-0267 |
| Facility Name Junction N. of 82 | Facility Type Transfer line |

| | | |
|---------------------|---------------------|-----------|
| Surface Owner State | Mineral Owner State | Lease No. |
|---------------------|---------------------|-----------|

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| H | 2 | 15S | 37E | | | | | Lea |

Latitude 33°02'55.38"N Longitude 103°09'43.28"W

NATURE OF RELEASE

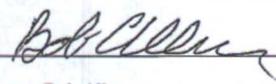
| | | |
|--|---|--|
| Type of Release: Produced Water | Volume of Release: unknown | Volume Recovered: 4,060,bbls |
| Source of Release: Broken fitting on transfer line | Date and Hour of Occurrence 6/16/06 | Date and Hour of Discovery 06/16/06 |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? | |
| By Whom? | Date and Hour | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Broken fitting on transfer line caused release. Release was contained in excavation from the cleanup in progress for a previous release.

Describe Area Affected and Cleanup Action Taken.*
The release was contained in an existing excavation. A vacuum truck was called to remove the fluid. Further delineation will be performed to determine the existent of contamination.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

| | | |
|--|----------------------------------|-----------------------------------|
| Signature:  | OIL CONSERVATION DIVISION | |
| Printed Name: Bob Allen | Approved by District Supervisor: | |
| Title: Consultant | Approval Date: | Expiration Date: |
| E-mail Address: ballen@sesei-nm.com | Conditions of Approval: | Attached <input type="checkbox"/> |
| Date 06/21/06 Phone: 505-397-0510 | | |

* Attach Additional Sheets If Necessary

**Fasken Oil and Ranch, Ltd.
Junction North of 82
Section 1, Township 15S, Range 37E
Lea County, New Mexico**

Closure Report

July 10, 2012



Prepared for:

**Fasken Oil and Ranch, Ltd.
303 West Wall Street, Suite 1800
Midland, Texas 79701-5116**

By:

***Safety & Environmental Solutions, Inc.
703 East Clinton Street
Hobbs, New Mexico 88240
(575) 397-0510***

TABLE OF CONTENTS

| | |
|---------------------------------------|---|
| I. Company Contacts | 1 |
| II. Background | 1 |
| III. Groundwater | 2 |
| IV. Work Performed..... | 2 |
| V. Conclusion..... | 2 |
| VI. Figures & Appendices | 2 |
| Figure 1 - Vicinity Map..... | 3 |
| Figure 2 – Site Plan | 4 |
| Figure 3 – Logs of Boring | 5 |
| Appendix A – Analytical Results | 6 |
| Appendix B – C-141 | 7 |

I. Company Contacts

| Representative | Company | Telephone | E-mail |
|----------------|---------|--------------|--|
| Jimmy Carlile | Fasken | 432-818-0210 | jimmyc@forl.com |
| Bob Allen | SESI | 575-397-0510 | ballen@sesi-nm.com |

II. Background

Safety & Environmental Solutions, Inc. (SESI) was retained by Fasken Oil & Ranch, Ltd. to perform a site assessment at the Junction North of 82. The site is located in Section 1, Township; 15 South, Range 37 East.

On April 26, 2006, SESI was notified of a release at the Junction North of 82. E D Walton had already commenced work when Mr. Bob Allen, SESI representative arrived on location. A faulty T from a 6" fiberglass buried 3-4 foot in depth ruptured causing the release. The line was repaired but a small leak was still visible around the old leak area. A backhoe was used to remove most of the contaminated soil within the affected area and was also used to excavate around the fiberglass line. A trackhoe was also on site to determine vertical contamination.

Contaminant and Size of Area

The suspected contaminant is salt water. The release covered approximately 6,960 square feet.

Vertical and Horizontal Extent of Contamination

In May 2006, SESI delineated the area; however vertical extent could not be determined due to the extent of the trackhoe.

On June 2, 2006 SESI was onsite with Eco Drilling to install a borehole at the release point of the affected area. The borehole was installed to a depth of 56' below ground surface. Grab samples were retrieved in 5' intervals. The samples were properly preserved and transported under Chain of Custody to Argon Laboratories of Hobbs, New Mexico. The samples were analyzed for Chlorides (Standards Method 4500-Cl⁻B), Total Petroleum Hydrocarbons (TPH) (EPA Method 418.1) and Benzene, Toluene, Ethyl Benzene and Total Xylenes (BTEX)(EPA Method 8021B).

As a result of the analysis, the vertical and horizontal extent of Chloride contamination had not been determined, the contaminate levels were declining with depth. It was then proposed to install a monitor well to monitor the extent of contamination.

On July 28, 2006, well installation commenced. The borehole was drilled to a depth of 75 feet. Installation of the monitor well indicated the contamination has not reached the groundwater (See Figure 3 Log of Boring).

All remedial actions at this site have all been performed with the approval of, and in accordance with all NMOCD requirements.

III. Groundwater

The well was developed on July 17, 2006 depth to groundwater was 70.2 ft bgs.

IV. Work Performed

In order to monitor the extent of contamination in monitor well-1, samples have been obtained since late 2006 until 2012. The samples were collected and transported under chain of custody to Cardinal Laboratories of Hobbs, New Mexico and analyzed for Chloride (SM4500 Cl⁻B), Total Dissolved Solids (TDS 160.1) and Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) (EPA Method 8260B) with the exception of the years 2005-2007 the samples were not tested for BTEX.

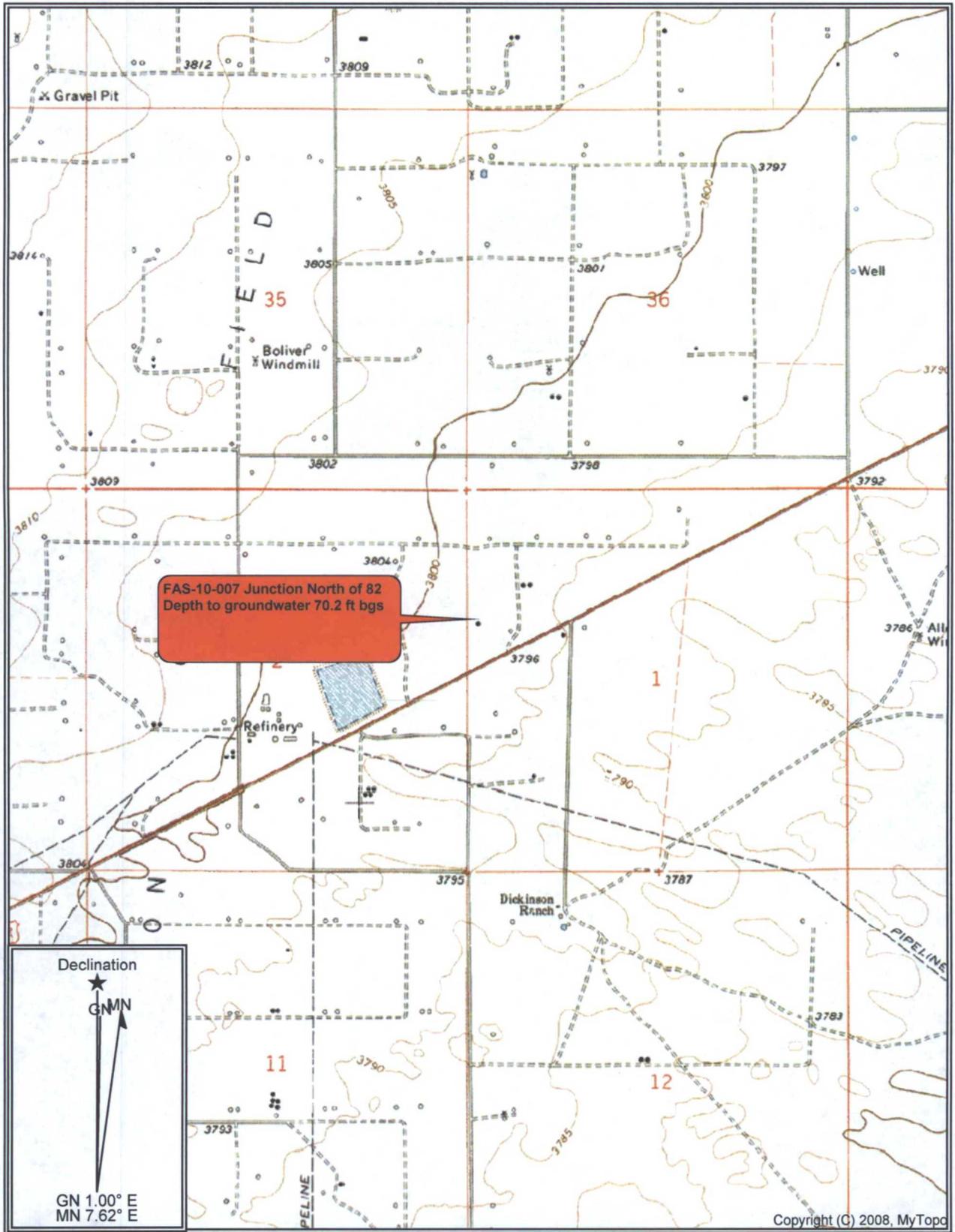
| Monitoring Well | Sample Date | Chloride (mg/L) | Total Dissolved Solids (mg/L) | Benzene (mg/L) | Toluene (mg/L) | Ethylbenzene (mg/L) | Total Xylenes (mg/L) |
|---------------------------------|-------------|-----------------|-------------------------------|----------------|----------------|---------------------|----------------------|
| MW-1 | 11/08/10 | 49 | 450 | <0.001 | <0.001 | <0.001 | <0.002 |
| | 01/20/11 | 46 | 470 | <0.001 | <0.001 | <0.001 | <0.002 |
| | 04/27/11 | 48 | 462 | <0.001 | <0.001 | <0.001 | <0.002 |
| | 04/27/12 | 40 | 495 | <0.001 | <0.001 | <0.001 | <0.003 |
| NM Groundwater Standard: | | 250 | 1,000 | 0.01 | 0.75 | 0.75 | 0.62 |

V. Conclusion

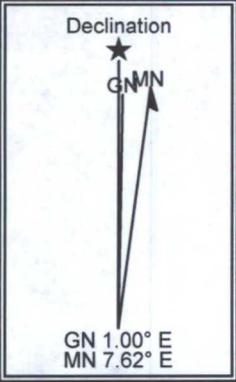
The analysis results of all samples taken from monitor well-1 indicate that no chloride contamination has reached the groundwater. The New Mexico groundwater standards have never been exceeded at this site. We are requesting no further sampling and respectfully submit permission to plug and abandon monitor well #1.

VI. Figures & Appendices

- Figure 1 - Vicinity Map
- Figure 2 - Site Plan
- Figure 3 - Logs of Boring
- Appendix A - Analytical Results
- Appendix B - C-141



FAS-10-007 Junction North of 82
 Depth to groundwater 70.2 ft bgs



Copyright (C) 2008, MyTopo

Map Name: PRAIRIEVIEW,
 Scale: 1 inch = 2,000 ft.

Map Center: 033.0488161° N 103.1618193° W
 Map Type: Topographic



Google earth

Eye alt 5802 ft

Junction North of 82 Missouri West-1

82

©2012 Google
Image © 2012 GeoEye

lat 33.048625 lon -103.161523 elev 3803 ft

462 ft

Imagery Date 6/5/2010



Safety & Environmental Solutions, Inc.

WELL COMPLETION LOG MW-1

(Page 1 of 2)

Monitor Well #1
 Americo Junction N. of 82 Release
 SW/4 NW/4 Section 1, T15S, R37E
 Lea County, New Mexico
 N33° 02' 54.61", W103° 09' 42.76"

Date/Time Started : 06/28/06, 0800
 Date/Time Completed : 06/28/06, 1615
 Hole Diameter : 8 1/4 in.
 Drilling Method : Hollow Stem Auger
 Drilling Equipment : Foremost-Mobile B-57

Drilled By : Eco/Enviro Drilling
 Sampling Method : 5 ft. core barrel
 Logged By : David Boyer, PG

| Depth in Feet | Sample Method | Sample Recovery (ft.) | USCS | GRAPHIC | DESCRIPTION | Water Levels ▼ During Drilling ▽ After Completion | Sample Method: SS Split Spoon (18" or 24") CB Core Barrel (2.5' or 5') CT Auger Cuttings NR No recovery | Well: MW-1 Elev.: ~3806 | Well Construction Information |
|---------------|---------------|-----------------------|-------|---------|---|---|---|-----------------------------------|---|
| | | | | | | | | | |
| 0 | CT | -- | TS/CL | T T T | 0-5 ft. No core recovery, description from cuttings. 0-3 ft. TOP SOIL, loam, clayey, brown | | | Flip Cover Metal Box Cement | COMPLETION DATA Hole Depth : 75 ft. Below LS TD Inside casing : 77.59 Below TOC Top casing : 2.56 ft. above ground CASING, SCREEN & CAP Material, joints : PVC, threaded Diameter : 2 in. ID Manufacturer : Monoflex Screen type : Slotted Screen length : 15 ft. Screen opening : 0.010 slot Scrn. placement : 60-75 ft. BLS Bottom Cap : 0.2 ft PVC Protector Casing : Above-ground steel Lock Key # : 2001 SEALS & SAND PACK Cement seal type : 3 bags Quikcrete Cam'l placement : 0 - 1.5 ft. BLS Annular seal type : Bentonite 3/8" chips Annular seal volume : 15 bags Seal placement : 1.5-27.3 ft. BLS Sand pack type : 8/16 Carmeuse silica Sand pack volume : 6 bags Sand placement : 57-69.2 ft. BLS Bottom hole backfill : 69.2-75 ft. Native fill ELEVATIONS. Ground elevation : ~3803 ft. Inner casing, lip : ~3806 Outer casing, top : N/A WELL INSTALLATION: 06/28/06: Drilled to 75 feet. Saturated about 64 ft. Set pipe/screen to 75 ft. Slough backfill to 69.2 ft. Placed sand (6 bags) to 57 ft. Pulled augers, slough backfill to 27.3 ft. Bentonite (15 bags) to 1.5 ft. Quikcrete (3 bags) to surface and cement above-ground steel protection box with concrete pad. WELL DEVELOPMENT: Well developed 07/17/06 - Total depth before development 75.50 ft. BTOC. DTW 70.20 ft., height of riser, 2.56 ft. Purged 80 gallons water. (no final depth measured, total depth 07/08/10 77.59 ft. BTOC) Water Level Measurements: 07/17/06 - 70.20 ft. BTOC 07/08/10 - 73.08 ft. BTOC 11/01/10 - 73.25 ft. BTOC |
| 3-5 | | | | | 3-5 ft. CALICHE | | | | |
| 5-10 | CB | 1.3 | CA | | 5-10 ft. CALICHE, very light brown, silty, limey, soft to hard. Chloride 1,999 mg/Kg | | | | |
| 10-12 | | | | | 10-12 ft. CALICHE, soft | | | | |
| 12-15 | CB | 0.9 | CA/SP | | 12-15 ft. Soft CALICHE and SAND, very light brown 10-15 ft. Chloride 2,479 mg/Kg | | | | |
| 15-20 | CB | 1.4 | LS/SM | | 15-20 ft. CALICHE LIMESTONE, limey, and SILT with some sand. Chloride 880 mg/Kg | | | Bentonite seal | |
| 20-25 | CB | 1.8 | SM/LS | | 20-25 ft. SILTY SAND, very light brown, with LIMESTONE, SANDSTONE, and CALICHE rock 23-25 ft. Chloride 336 mg/Kg | | | PVC casing | |
| 25-30 | CB | 1.8 | SP/SS | | 25-30 ft. SAND, very light brown, very fine grained with occasional large SANDSTONE/LIMESTONE rock 28-30 ft. Chloride 80 mg/Kg | | | | |
| 30-35 | CB | 2.2 | SP | | 30-35 ft. SAND, light brown, very fine grained, uniform, occasional small sandstone gravel 34-35 ft. Chloride 16 mg/Kg | | | Slough backfill | |
| 35-40 | CB | 3.2 | SP/SS | | 35-40 ft. SAND, very fine grained, and limey SANDSTONE, poorly cemented | | | | |

Z:\Company Files\Americo\AME-06-004 Junction N of 82 release\MW-1.bor

Notes:
 No hydrocarbon staining or odor noted in drilling the well.



Safety & Environmental Solutions, Inc.

WELL COMPLETION LOG MW-1

(Page 2 of 2)

| | | |
|---|--|---|
| <p style="text-align: center;">Monitor Well #1 Americo Junction N. of 82 Release SW/4 NW/4 Section 1, T15S, R37E Lea County, New Mexico N33° 02' 54.61", W103° 09' 42.76"</p> | <p>Date/Time Started : 06/28/06, 0800 Date/Time Completed : 06/28/06, 1615 Hole Diameter : 8 1/4 in. Drilling Method : Hollow Stem Auger Drilling Equipment : Foremost-Mobile B-57</p> | <p>Drilled By : Eco/Enviro Drilling Sampling Method : 5 ft. core barrel Logged By : David Boyer, PG</p> |
|---|--|---|

| Depth in Feet | Sample Method | Sample Recovery (ft.) | USCS | GRAPHIC | DESCRIPTION | Water Levels | Sample Method: | Well: MW-1 Elev.: ~3806 | Well Construction Information |
|---------------|---------------|-----------------------|------|---------|--|---|---|----------------------------|---|
| 40 | CB | 2.8 | | | 40-45 ft. SAND and SANDSTONE, as above | ▼ During Drilling ▽ After Completion | SS Split Spoon (18" or 24") CB Core Barrel (2.5' or 5') CT Auger Cuttings NR No recovery | | <p style="text-align: center;">COMPLETION DATA</p> <p>Hole Depth : 75 ft. Below LS TD inside casing : 77.59 Below TOC Top casing : 2.56 ft. above ground</p> <p style="text-align: center;">CASING, SCREEN & CAP</p> <p>Material, joints : PVC, threaded Diameter : 2 in. ID Manufacturer : Monoflex Screen type : Slotted Screen length : 15 ft. Screen opening : 0.010 slot Scrn. placement : 60-75 ft. BLS Bottom Cap : 0.2 ft PVC Protector Casing : Above-ground steel Lock Key # : 2001</p> <p style="text-align: center;">SEALS & SAND PACK</p> <p>Cement seal type : 3 bags Quikcrete Cem't placement : 0 - 1.5 ft. BLS Annular seal type : Bentonite 3/8" chips Annular seal volume : 15 bags Seal placement : 1.5-27.3 ft. BLS Sand pack type : 8/16 Carmeuse silica Sand pack volume : 6 bags Sand placement : 57-69.2 ft. BLS Bottom hole backfill : 69.2-75 ft. Native fill</p> <p style="text-align: center;">ELEVATIONS.</p> <p>Ground elevation : ~3803 ft. Inner casing, lip : ~3806 Outer casing, top : N/A</p> <p style="text-align: center;">WELL INSTALLATION:</p> <p>06/28/06: Drilled to 75 feet. Saturated about 64 ft. Set pipe/screen to 75 ft. Slough backfill to 69.2 ft. Placed sand (6 bags) to 57 ft. Pulled augers, slough backfill to 27.3 ft. Bentonite (15 bags) to 1.5 ft. Quikcrete (3 bags) to surface and cement above-ground steel protection box with concrete pad.</p> <p style="text-align: center;">WELL DEVELOPMENT:</p> <p>Well developed 07/17/06 - Total depth before development 75.50 ft. BTOC. DTW 70.20 ft., height of riser, 2.56 ft. Purged 80 gallons water. (no final depth measured, total depth 07/08/10 77.59 ft. BTOC)</p> <p style="text-align: center;">Water Level Measurements:</p> <p>07/17/06 - 70.20 ft. BTOC 07/08/10 - 73.08 ft. BTOC 11/01/10 - 73.25 ft. BTOC</p> |
| 45 | CB | 3.8 | | | 45-50 ft. SAND, very light brown, very fine grained, and SANDSTONE, poorly cemented | | | | |
| 50 | CB | 3.8 | | | 50-52 ft. SANDSTONE, soft | | | | |
| 55 | CB | 3.8 | | | 52-55 ft. SAND, light brown, very fine grained, occasional white, limey zones | | | | |
| 60 | CB | 3.8 | | | 55-60 ft. SAND, light brown, very fine grained, uniform, occasional soft sandstone and hard limestone | | | | |
| 65 | CB | 3.8 | | | 60-65 ft. SAND, light brown, very fine grained, uniform, slightly damp, frequent SANDSTONE/LIMESTONE, saturated at 64 ft. | | | | |
| 70 | CB | ~3 | | | 65-70 ft. SAND and SANDSTONE, sand light brown, very fine grained, sandstone in lenses to 2 in., varying soft to hard, H2O saturated | | | | |
| 75 | CB | 4.3 | | | 70-75 ft. SAND and SANDSTONE, as above, H2O saturated, | | | | |

Z:\Company Files\Americo\AME-06-004 Junction N of 82 release\MW-1.lbr

Notes:
No hydrocarbon staining or odor noted in drilling the well.



COVER LETTER

Monday, November 15, 2010

Dave Boyer
Safety & Environmental Solutions
PO Box 1613
Hobbs, NM 88241

TEL: (575) 390-7067

FAX (575) 393-4388

RE: Fasken Junction N of 82

Order No.: 1011147

Dear Dave Boyer:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 11/3/2010 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901

AZ license # AZ0682

ORELAP Lab # NM100001

Texas Lab# T104704424-08-TX



Hall Environmental Analysis Laboratory, Inc.

Date: 15-Nov-10

CLIENT: Safety & Environmental Solutions
Lab Order: 1011147
Project: Fasken Junction N of 82
Lab ID: 1011147-01

Client Sample ID: MW 1
Collection Date: 11/1/2010 11:45:00 AM
Date Received: 11/3/2010
Matrix: AQUEOUS

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|----------------------|
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: SRM |
| Chloride | 49 | 10 | | mg/L | 20 | 11/5/2010 1:20:41 PM |
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | Analyst: RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 11/5/2010 1:50:28 AM |
| Toluene | ND | 1.0 | | µg/L | 1 | 11/5/2010 1:50:28 AM |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 11/5/2010 1:50:28 AM |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 11/5/2010 1:50:28 AM |
| Surr: 4-Bromofluorobenzene | 103 | 76.4-106 | | %REC | 1 | 11/5/2010 1:50:28 AM |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | | Analyst: KS |
| Total Dissolved Solids | 450 | 200 | | mg/L | 1 | 11/5/2010 1:44:00 PM |

Qualifiers:

* Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 NC Non-Chlorinated
 PQL Practical Quantitation Limit

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Safety & Environmental Solutions
 Project: Fasken Junction N of 82

Work Order: 1011147

| Analyte | Result | Units | PQL | SPK Va | SPK ref | %Rec | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|--|--------|-------|------|--------|---------|------|----------|-----------|------|----------|--------------------------------------|
| Method: EPA Method 300.0: Anions | | | | | | | | | | | |
| Sample ID: MB | | MBLK | | | | | | | | | |
| Chloride | ND | mg/L | 0.50 | | | | | | | | |
| Batch ID: | R41986 | | | | | | | | | | Analysis Date: 11/4/2010 1:50:19 PM |
| Sample ID: MB | | MBLK | | | | | | | | | |
| Chloride | ND | mg/L | 0.50 | | | | | | | | |
| Batch ID: | R41986 | | | | | | | | | | Analysis Date: 11/5/2010 6:40:08 AM |
| Sample ID: LCS | | LCS | | | | | | | | | |
| Chloride | 5.122 | mg/L | 0.50 | 5 | 0 | 102 | 90 | 110 | | | |
| Batch ID: | R41986 | | | | | | | | | | Analysis Date: 11/4/2010 2:07:43 PM |
| Sample ID: LCS-B | | LCS | | | | | | | | | |
| Chloride | 5.237 | mg/L | 0.50 | 5 | 0 | 105 | 90 | 110 | | | |
| Batch ID: | R41986 | | | | | | | | | | Analysis Date: 11/5/2010 10:43:57 AM |
| Sample ID: LCSD | | LCSD | | | | | | | | | |
| Chloride | 5.111 | mg/L | 0.50 | 5 | 0 | 102 | 90 | 110 | | | |
| Batch ID: | R41986 | | | | | | | | | | Analysis Date: 11/4/2010 4:44:24 PM |
| Method: EPA Method 8260: Volatiles Short List | | | | | | | | | | | |
| Sample ID: 5ml-rb | | MBLK | | | | | | | | | |
| Benzene | ND | µg/L | 1.0 | | | | | | | | |
| Toluene | ND | µg/L | 1.0 | | | | | | | | |
| Ethylbenzene | ND | µg/L | 1.0 | | | | | | | | |
| Xylenes, Total | ND | µg/L | 2.0 | | | | | | | | |
| Batch ID: | R41965 | | | | | | | | | | Analysis Date: 11/4/2010 7:52:20 AM |
| Sample ID: b3 | | MBLK | | | | | | | | | |
| Benzene | ND | µg/L | 1.0 | | | | | | | | |
| Toluene | ND | µg/L | 1.0 | | | | | | | | |
| Ethylbenzene | ND | µg/L | 1.0 | | | | | | | | |
| Xylenes, Total | ND | µg/L | 2.0 | | | | | | | | |
| Batch ID: | R41965 | | | | | | | | | | Analysis Date: 11/4/2010 7:15:06 PM |
| Sample ID: 100ng lcs | | LCS | | | | | | | | | |
| Benzene | 18.72 | µg/L | 1.0 | 20 | 0 | 93.6 | 84.6 | 109 | | | |
| Toluene | 19.75 | µg/L | 1.0 | 20 | 0 | 98.8 | 81 | 114 | | | |
| Batch ID: | R41965 | | | | | | | | | | Analysis Date: 11/4/2010 8:45:06 AM |
| Sample ID: 100ng lcs | | LCS | | | | | | | | | |
| Benzene | 19.54 | µg/L | 1.0 | 20 | 0 | 97.7 | 84.6 | 109 | | | |
| Toluene | 18.66 | µg/L | 1.0 | 20 | 0 | 93.3 | 81 | 114 | | | |
| Batch ID: | R41965 | | | | | | | | | | Analysis Date: 11/4/2010 8:07:38 PM |
| Method: SM2540C MOD: Total Dissolved Solids | | | | | | | | | | | |
| Sample ID: MB-24388 | | MBLK | | | | | | | | | |
| Total Dissolved Solids | ND | mg/L | 20.0 | | | | | | | | |
| Batch ID: | 24388 | | | | | | | | | | Analysis Date: 11/5/2010 1:44:00 PM |
| Sample ID: LCS-24388 | | LCS | | | | | | | | | |
| Total Dissolved Solids | 1007 | mg/L | 20.0 | 1000 | 0 | 101 | 80 | 120 | | | |
| Batch ID: | 24388 | | | | | | | | | | Analysis Date: 11/5/2010 1:44:00 PM |

Qualifiers:

E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 H Holding times for preparation or analysis exceeded
 NC Non-Chlorinated
 R RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name SAFETY ENV SOLUTIONS

Date Received:

11/3/2010

Work Order Number 1011147

Received by: AT

Checklist completed by:

[Signature]
Signature

11/3/10
Date

Sample ID labels checked by:

[Signature]
Initials

Matrix:

Carrier name Greyhound

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present Not Shipped
- Custody seals intact on sample bottles? Yes No N/A
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Preservation labels on bottle and cap match? Yes No N/A
- Water - pH acceptable upon receipt? Yes No N/A

Number of preserved bottles checked for pH:

<2 >12 unless noted below.

Container/Temp Blank temperature?

1.4°

<6° C Acceptable
If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: SEEF

Mailing Address: 703 E Clinton
Hobbs, NM 88240

Phone #: 575-397-0510

email or Fax#:

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation

NELAP Other

EDD (Type)

Turn-Around Time:

Standard Rush

Project Name:

Tasker Junction Not 82

Project #:

FAS-10-007

Project Manager:

David Boyer

Sampler:

Isaac Encard

On Ice: Yes No

Sample Temperature: 19°C

Container Type and #

4

Preservative Type

Std

HEAL No

101197-1

Date Time Matrix Sample Request ID

11/10/10 1145 H2O MW#1

Date: 11/10

Time: 1230

Relinquished by:

Relinquished by:

Received by:

Kevin C. Davidson

Received by:

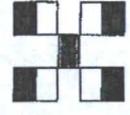
Date: 11/3/2008

Time: 10:45

Remarks:

Analysis Request

| | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | BTEX + MTBE + TMBs (8021) |
| <input type="checkbox"/> | BTEX + MTBE + TPH (Gas only) |
| <input type="checkbox"/> | TPH Method 8015B (Gas/Diesel) |
| <input type="checkbox"/> | TPH (Method 418.1) |
| <input type="checkbox"/> | EDB (Method 504.1) |
| <input type="checkbox"/> | 8310 (PNA or PAH) |
| <input type="checkbox"/> | RCRA 8 Metals |
| <input type="checkbox"/> | Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄) |
| <input type="checkbox"/> | 8081 Pesticides / 8082 PCB's |
| <input type="checkbox"/> | 8260B (VOA) |
| <input type="checkbox"/> | 8270 (Semi-VOA) |
| <input type="checkbox"/> | Chlorides <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | TDS <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | Air Bubbles (Y or N) |



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107



COVER LETTER

Tuesday, January 25, 2011

Bob Allen
Safety & Environmental Solutions
PO Box 1613
Hobbs, NM 88241

TEL: (575) 397-0510
FAX (575) 393-4388

RE: Fasken Junction N 82

Order No.: 1101573

Dear Bob Allen:

Hall Environmental Analysis Laboratory, Inc. received 2 sample(s) on 1/19/2011 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,



Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX



Hall Environmental Analysis Laboratory, Inc.

Date: 25-Jan-11

CLIENT: Safety & Environmental Solutions
Lab Order: 1101573
Project: Fasken Junction N 82
Lab ID: 1101573-01

Client Sample ID: MW#1
Collection Date: 1/17/2011 11:00:00 AM
Date Received: 1/19/2011
Matrix: AQUEOUS

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: NSB |
| Methyl tert-butyl ether (MTBE) | ND | 2.5 | | µg/L | 1 | 1/20/2011 4:02:34 PM |
| Benzene | ND | 1.0 | | µg/L | 1 | 1/20/2011 4:02:34 PM |
| Toluene | ND | 1.0 | | µg/L | 1 | 1/20/2011 4:02:34 PM |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 1/20/2011 4:02:34 PM |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 1/20/2011 4:02:34 PM |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 1/20/2011 4:02:34 PM |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 1/20/2011 4:02:34 PM |
| Surr: 4-Bromofluorobenzene | 116 | 81.3-151 | | %REC | 1 | 1/20/2011 4:02:34 PM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: SRM |
| Chloride | 46 | 10 | | mg/L | 20 | 1/20/2011 8:10:23 AM |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | | Analyst: KS |
| Total Dissolved Solids | 470 | 40.0 | | mg/L | 1 | 1/21/2011 6:29:00 PM |

Qualifiers:

* Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 NC Non-Chlorinated
 PQL Practical Quantitation Limit

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Jan-11

CLIENT: Safety & Environmental Solutions
Lab Order: 1101573
Project: Fasken Junction N 82
Lab ID: 1101573-02

Client Sample ID: TRIP BLANK
Collection Date:
Date Received: 1/19/2011
Matrix: TRIP BLANK

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|------------------------------------|--------|----------|------|-------|----|----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: NSB |
| Methyl tert-butyl ether (MTBE) | ND | 2.5 | | µg/L | 1 | 1/20/2011 4:32:35 PM |
| Benzene | ND | 1.0 | | µg/L | 1 | 1/20/2011 4:32:35 PM |
| Toluene | ND | 1.0 | | µg/L | 1 | 1/20/2011 4:32:35 PM |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 1/20/2011 4:32:35 PM |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 1/20/2011 4:32:35 PM |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 1/20/2011 4:32:35 PM |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 1/20/2011 4:32:35 PM |
| Surr: 4-Bromofluorobenzene | 131 | 81.3-151 | | %REC | 1 | 1/20/2011 4:32:35 PM |

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Safety & Environmental Solutions
Project: Fasken Junction N 82

Work Order: 1101573

| Analyte | Result | Units | PQL | SPK Val | SPK ref | %Rec | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---------|--------|-------|-----|---------|---------|------|----------|-----------|------|----------|------|
|---------|--------|-------|-----|---------|---------|------|----------|-----------|------|----------|------|

Method: EPA Method 300.0: Anions

| | | | | | | | | | | | |
|-------------------------|-------|------|------|---|---|------|----|-----|--|--|--|
| Sample ID: MB | | MBLK | | | | | | | | | |
| Chloride | ND | mg/L | 0.50 | | | | | | | | |
| Sample ID: MB | | MBLK | | | | | | | | | |
| Chloride | ND | mg/L | 0.50 | | | | | | | | |
| Sample ID: LCS | | LCS | | | | | | | | | |
| Chloride | 5.183 | mg/L | 0.50 | 5 | 0 | 104 | 90 | 110 | | | |
| Sample ID: LCS-b | | LCS | | | | | | | | | |
| Chloride | 4.870 | mg/L | 0.50 | 5 | 0 | 97.4 | 90 | 110 | | | |

Batch ID: R43245 Analysis Date: 1/19/2011 11:44:53 PM

Batch ID: R43245 Analysis Date: 1/20/2011 9:51:29 AM

Batch ID: R43245 Analysis Date: 1/19/2011 11:56:07 PM

Batch ID: R43245 Analysis Date: 1/20/2011 11:43:46 AM

Method: EPA Method 8021B: Volatiles

| | | | | | | | | | | | |
|----------------------------------|-------|------|-----|----|---|-----|------|-----|--|--|--|
| Sample ID: 5ML RB | | MBLK | | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | µg/L | 2.5 | | | | | | | | |
| Benzene | ND | µg/L | 1.0 | | | | | | | | |
| Toluene | ND | µg/L | 1.0 | | | | | | | | |
| Ethylbenzene | ND | µg/L | 1.0 | | | | | | | | |
| Xylenes, Total | ND | µg/L | 2.0 | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | µg/L | 1.0 | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | µg/L | 1.0 | | | | | | | | |
| Sample ID: 100NG BTEX LCS | | LCS | | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | 23.11 | µg/L | 2.5 | 20 | 0 | 116 | 75.5 | 124 | | | |
| Benzene | 21.80 | µg/L | 1.0 | 20 | 0 | 109 | 84.7 | 118 | | | |
| Toluene | 22.47 | µg/L | 1.0 | 20 | 0 | 112 | 82 | 123 | | | |
| Ethylbenzene | 22.18 | µg/L | 1.0 | 20 | 0 | 111 | 83 | 118 | | | |
| Xylenes, Total | 68.20 | µg/L | 2.0 | 60 | 0 | 114 | 85.4 | 119 | | | |
| 1,2,4-Trimethylbenzene | 20.62 | µg/L | 1.0 | 20 | 0 | 103 | 82.1 | 113 | | | |
| 1,3,5-Trimethylbenzene | 22.40 | µg/L | 1.0 | 20 | 0 | 112 | 89.6 | 119 | | | |

Batch ID: R43256 Analysis Date: 1/20/2011 9:02:55 AM

Batch ID: R43256 Analysis Date: 1/20/2011 1:32:10 PM

Method: SM2540C MOD: Total Dissolved Solids

| | | | | | | | | | | | |
|-----------------------------|------|------|------|------|---|-----|----|-----|--|--|--|
| Sample ID: MB-25314 | | MBLK | | | | | | | | | |
| Total Dissolved Solids | ND | mg/L | 20.0 | | | | | | | | |
| Sample ID: LCS-25314 | | LCS | | | | | | | | | |
| Total Dissolved Solids | 1015 | mg/L | 20.0 | 1000 | 0 | 102 | 80 | 120 | | | |

Batch ID: 25314 Analysis Date: 1/21/2011 6:29:00 PM

Batch ID: 25314 Analysis Date: 1/21/2011 6:29:00 PM

Qualifiers:

- | | |
|--|--|
| E Estimated value | H Holding times for preparation or analysis exceeded |
| J Analyte detected below quantitation limits | NC Non-Chlorinated |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits |

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name SAFETY ENV SOLUTIONS

Date Received:

1/19/2011

Work Order Number 1101573

Received by: AMG

Sample ID labels checked by:

Checklist completed by:

Signature

Date

Initials

Matrix:

Carrier name: Greyhound

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present Not Shipped
- Custody seals intact on sample bottles? Yes No N/A
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Preservation labels on bottle and cap match? Yes No N/A
- Water - pH acceptable upon receipt? Yes No N/A

Number of preserved bottles checked for pH:

<2 >12 unless noted below.

Container/Temp Blank temperature?

3.0°

<6° C Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: SESE

Mailing Address: 703 E Clinton
Hobbs, NM 88240

Phone #: 505-397-0510

email or Fax#:

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation

NELAP Other

EDD (Type)

Turn-Around Time:

Standard Rush

Project Name:

Fuskin Junction N 82

Project #:

Fas-10-007

Project Manager:

Bob Allen

Sampler: Isaac Kivind

Office: Yes No
 Sample Temperature: 30

HEAL No: 10578

Container Type and #

4 Hd
2 Hd

Preservative Type

1
2

Sample Request ID

117M 1100 H2O
TRIP Blank

Date

1/17/11

Time

1540

Date:

1/17/11

Relinquished by:

[Signature]

Received by:

[Signature]

Date

1/19/11

Time

10:10

Remarks:

| Analysis Request | Remarks |
|--|--|
| BTEX + MTBE + TMB's (8021) | <input checked="" type="checkbox"/> |
| BTEX + MTBE + TPH (Gas only) | |
| TPH Method 8015B (Gas/Diesel) | |
| TPH (Method 418.1) | |
| EDB (Method 504.1) | |
| 8310 (PNA or PAH) | |
| RCRA 8 Metals | |
| Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄) | |
| 8081 Pesticides / 8082 PCB's | |
| 8260B (VOA) | |
| 8270 (Semi-VOA) | <input checked="" type="checkbox"/> Chlorides <input checked="" type="checkbox"/> TDS |
| Air Bubbles (Y or N) | |



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107



COVER LETTER

Tuesday, May 03, 2011

Bob Allen
Safety & Environmental Solutions
PO Box 1613
Hobbs, NM 88241

TEL: (575) 397-0510
FAX (575) 393-4388

RE: Junction N of 82

Order No.: 1104944

Dear Bob Allen:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 4/27/2011 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX



4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: 03-May-11

CLIENT: Safety & Environmental Solutions
Lab Order: 1104944
Project: Junction N of 82
Lab ID: 1104944-01

Client Sample ID: MW-1
Collection Date: 4/26/2011 9:15:00 AM
Date Received: 4/27/2011
Matrix: AQUEOUS

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|-----------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: NSB |
| Methyl tert-butyl ether (MTBE) | ND | 2.5 | | µg/L | 1 | 4/29/2011 2:31:15 PM |
| Benzene | ND | 1.0 | | µg/L | 1 | 4/29/2011 2:31:15 PM |
| Toluene | ND | 1.0 | | µg/L | 1 | 4/29/2011 2:31:15 PM |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 4/29/2011 2:31:15 PM |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 4/29/2011 2:31:15 PM |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 4/29/2011 2:31:15 PM |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 4/29/2011 2:31:15 PM |
| Surr: 4-Bromofluorobenzene | 104 | 96.8-145 | | %REC | 1 | 4/29/2011 2:31:15 PM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: SRM |
| Chloride | 48 | 10 | | mg/L | 20 | 4/27/2011 10:05:52 PM |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | | Analyst: KS |
| Total Dissolved Solids | 462 | 20.0 | | mg/L | 1 | 5/1/2011 5:27:00 PM |

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Safety & Environmental Solutions
 Project: Junction N of 82

Work Order: 1104944

| Analyte | Result | Units | PQL | SPK Va | SPK ref | %Rec | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---------|--------|-------|-----|--------|---------|------|----------|-----------|------|----------|------|
|---------|--------|-------|-----|--------|---------|------|----------|-----------|------|----------|------|

Method: EPA Method 300.0: Anions

| | | | | | | | |
|----------------|-------|------|------|---|---|------------------|-------------------------------------|
| Sample ID: LCS | LCS | | | | | Batch ID: R45012 | Analysis Date: 4/28/2011 4:46:26 AM |
| Chloride | 4.993 | mg/L | 0.50 | 5 | 0 | 99.9 | 90 110 |

Method: EPA Method 8021B: Volatiles

| | | | | | | | |
|-------------------|------|--|--|--|--|------------------|-------------------------------------|
| Sample ID: 5ML RB | MBLK | | | | | Batch ID: R45059 | Analysis Date: 4/29/2011 8:29:49 AM |
|-------------------|------|--|--|--|--|------------------|-------------------------------------|

| | | | | | | | |
|--------------------------------|----|------|-----|--|--|--|--|
| Methyl tert-butyl ether (MTBE) | ND | µg/L | 2.5 | | | | |
| Benzene | ND | µg/L | 1.0 | | | | |
| Toluene | ND | µg/L | 1.0 | | | | |
| Ethylbenzene | ND | µg/L | 1.0 | | | | |
| Xylenes, Total | ND | µg/L | 2.0 | | | | |
| 1,2,4-Trimethylbenzene | ND | µg/L | 1.0 | | | | |
| 1,3,5-Trimethylbenzene | ND | µg/L | 1.0 | | | | |

| | | | | | | | |
|---------------------------|-----|--|--|--|--|------------------|--------------------------------------|
| Sample ID: 100NG BTEX LCS | LCS | | | | | Batch ID: R45059 | Analysis Date: 4/29/2011 12:00:45 PM |
|---------------------------|-----|--|--|--|--|------------------|--------------------------------------|

| | | | | | | | |
|--------------------------------|-------|------|-----|----|-------|------|----------|
| Methyl tert-butyl ether (MTBE) | 22.58 | µg/L | 2.5 | 20 | 0 | 113 | 97.6 132 |
| Benzene | 22.94 | µg/L | 1.0 | 20 | 0 | 115 | 93.4 120 |
| Toluene | 23.13 | µg/L | 1.0 | 20 | 0.14 | 115 | 96.2 122 |
| Ethylbenzene | 21.97 | µg/L | 1.0 | 20 | 0.11 | 109 | 95 121 |
| Xylenes, Total | 67.37 | µg/L | 2.0 | 60 | 0 | 112 | 97.6 122 |
| 1,2,4-Trimethylbenzene | 19.22 | µg/L | 1.0 | 20 | 0.144 | 95.4 | 86.1 113 |
| 1,3,5-Trimethylbenzene | 20.73 | µg/L | 1.0 | 20 | 0 | 104 | 94.9 123 |

Method: SM2540C MOD: Total Dissolved Solids

| | | | | | | | |
|---------------------|------|--|--|--|--|-----------------|------------------------------------|
| Sample ID: MB-26598 | MBLK | | | | | Batch ID: 26598 | Analysis Date: 5/1/2011 5:27:00 PM |
|---------------------|------|--|--|--|--|-----------------|------------------------------------|

| | | | | | | | |
|------------------------|----|------|------|--|--|--|--|
| Total Dissolved Solids | ND | mg/L | 20.0 | | | | |
|------------------------|----|------|------|--|--|--|--|

| | | | | | | | |
|----------------------|-----|--|--|--|--|-----------------|------------------------------------|
| Sample ID: LCS-26598 | LCS | | | | | Batch ID: 26598 | Analysis Date: 5/1/2011 5:27:00 PM |
|----------------------|-----|--|--|--|--|-----------------|------------------------------------|

| | | | | | | | |
|------------------------|------|------|------|------|---|-----|--------|
| Total Dissolved Solids | 1028 | mg/L | 20.0 | 1000 | 0 | 103 | 80 120 |
|------------------------|------|------|------|------|---|-----|--------|

Qualifiers:

- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- NC Non-Chlorinated
- R RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name SAFETY ENV SOLUTIONS

Date Received:

4/27/2011

Work Order Number 1104944

Received by: MMG

Checklist completed by:

[Handwritten Signature]
Signature

4/27/11
Date

Sample ID labels checked by:

MMG
Initials

Matrix:

Carrier name: UPS

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present Not Shipped
- Custody seals intact on sample bottles? Yes No N/A
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Preservation labels on bottle and cap match? Yes No N/A
- Water - pH acceptable upon receipt? Yes No N/A

Number of preserved bottles checked for pH:

<2 >12 unless noted below.

Container/Temp Blank temperature?

1.0°

<6° C Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: SOCIETY & ENVIRONMENTAL SOLUTIONS

Mailing Address: 703 E. Clinton
Albuquerque, NM 87240

Phone #: 575-397-0510
 email or Fax#: 575-393-4388

QA/QC Package:
 Standard Level 4 (Full Validation)
 NELAP Other
 EDD (Type) _____

Turn-Around Time:
 Standard Rush

Project Name:
Sumton No 82

Project #:
7AS-10-007

Project Manager:

Sampler:
 On Ice Yes No

Sample Temperature:
10

| Container Type and # | Preservative Type |
|----------------------|-------------------|
| <u>4</u> | <u>ACL</u> |

| Date | Time | Matrix | Sample Request ID |
|-----------------|-------------|------------|-------------------|
| <u>04/26/11</u> | <u>0915</u> | <u>drd</u> | <u>MCW-1</u> |

Received by:
Michelle Opus

Received by:
Sr. Jerry

Date: 04/26/11 Time: 1330

Date: 4/27/11 Time: 10:45



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

| | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | BTEX + MTBE + TMBs (8021) |
| <input type="checkbox"/> | BTEX + MTBE + TPH (Gas only) |
| <input type="checkbox"/> | TPH Method 8015B (Gas/Diesel) |
| <input type="checkbox"/> | TPH (Method 418.1) |
| <input type="checkbox"/> | EDB (Method 504.1) |
| <input type="checkbox"/> | 8310 (PNA or PAH) |
| <input type="checkbox"/> | RCRA 8 Metals |
| <input type="checkbox"/> | Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄) |
| <input type="checkbox"/> | 8081 Pesticides / 8082 PCBs |
| <input type="checkbox"/> | 8260B (VOA) |
| <input type="checkbox"/> | 8270 (Semi-VOA) |
| <input checked="" type="checkbox"/> | CHLORIDES & TDS |
| <input type="checkbox"/> | Air Bubbles (Y or N) |

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



May 03, 2012

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: FAS-10-007

Enclosed are the results of analyses for samples received by the laboratory on 04/26/12 15:00.

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:

 Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

 Received: 04/26/2012
 Reported: 05/03/2012
 Project Name: FAS-10-007
 Project Number: FASKEN OIL
 Project Location: HWY 82

 Sampling Date: 04/26/2012
 Sampling Type: Water
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: MW-1 (H200961-01)

| BTEX 8260B | | mg/L | | Analyzed By: CMS | | | | | | |
|----------------|--------|-----------------|------------|------------------|-------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.001 | 0.001 | 05/01/2012 | ND | 0.022 | 112 | 0.0200 | 7.82 | | |
| Toluene* | <0.001 | 0.001 | 05/01/2012 | ND | 0.020 | 102 | 0.0200 | 3.78 | | |
| Ethylbenzene* | <0.001 | 0.001 | 05/01/2012 | ND | 0.020 | 102 | 0.0200 | 4.80 | | |
| Total Xylenes* | <0.003 | 0.003 | 05/01/2012 | ND | 0.062 | 103 | 0.0600 | 4.40 | | |

Surrogate: Dibromofluoromethane 108 % 59.8-161
 Surrogate: Toluene-d8 98.8 % 75.2-115
 Surrogate: 4-Bromofluorobenzene 86.8 % 53.7-120

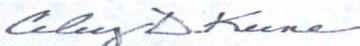
| Chloride, SM4500Cl-B | | mg/L | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride* | 40.0 | 4.00 | 04/27/2012 | ND | 100 | 100 | 100 | 3.92 | | |

| TDS 160.1 | | mg/L | | Analyzed By: HM | | | | | | |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| TDS* | 495 | 5.00 | 04/30/2012 | ND | 236 | 98.3 | 240 | 4.93 | | |

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*=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

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Celey D. Keene, Lab Director/Quality Manager

