



**CONESTOGA-ROVERS
& ASSOCIATES**

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September 16, 2014

Reference No. 088210/07

Mr. Zane Kurtz
EOG Resources
5509 Champions Drive
Midland, TX 79706

Dear Mr. Kurtz:

Re: Summary of Soil Sampling
Elk Wallow 11 #3
1RP-3318
Lea County, New Mexico

At the request of EOG Resources, Inc. (EOG), Conestoga Rovers and Associates (CRA), performed a subsurface assessment at the above referenced location on August 7, 2014. The Site is located at coordinates 32.1516 N, -103.9519 W and is southeast of Loving, New Mexico, in Eddy County (see Figure 1). The case number is 1RP-3318.

The site is currently an active Tank Battery. The Site's topography is relatively flat, covered with windblown sand, sparse vegetation, and mesquite trees. A release occurred at the flare on the northeast end of the on-site caliche pad. Based on the C-141 form, the release was estimated to be forty-five barrels from the flare in the northeast corner of the pad; 20 barrels were recovered. Impacted soil surrounding the flare had been excavated. Based on the soil stockpile that was observed on site during the CRA Site assessment, it appeared approximately 20 cubic yards of soil had been excavated. The soil stockpile was placed on plastic sheeting. The excavation had been backfilled with clean soil at the time of CRA's assessment.

Presented below is a summary of the August 07, 2014 sampling event.

Sampling Activities

The sampling activities performed at the Site consisted of hand-shovel digging and hand auguring to depths of 3-5' depth, based on extent of contamination in field tests or by the restricting soil layer, accompanied by soil sampling and field screening. Sampling tools were cleaned with an alconox wash solution and clean water rinse prior to collecting each soil sample. Field screening was performed for chlorides using Hach Chloride Test strips and total petroleum hydrocarbons (TPH) using a Petroflag Hydrocarbon analysis kit. Results of the field screening indicated that concentrations were below regulatory limits.

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Following field screening, soil samples were collected for laboratory analysis of chlorides by EPA Method 300.0, TPH by EPA Method 8015, and benzene, toluene, ethylbenzene, and xylene (BTEX) by EPA Method 8021. Soil samples were submitted under chain of custody documentation via overnight delivery to Trace Analysis Laboratories of Midland, Texas.

1.0 Site Risk Ranking

The New Mexico Oil Conservation Division (NMOCD) has a risk ranking system to establish the regulatory limits for petroleum hydrocarbons. The risk ranking system is based on the depth to groundwater, the presence of wellhead protection areas, and the distance of the site to surface water bodies.

Based on the New Mexico Tech Pit Portal, the depth to groundwater in the vicinity of the site is approximately 40 to 60 feet (ft) below ground surface (bgs). There are no well head protection areas in the vicinity of the site and no surface water bodies. Based on this, the NMOCD Risk Ranking score for the site is 20. The Recommended Remediation Action Levels (RRALs) for the site are 100 parts per million (ppm) for TPH, 10 ppm for benzene, 50 ppm for total BTEX. The recommended concentration for chlorides is 250 ppm (see table below).

| New Mexico Oil Conservation Division Spill Guidelines | |
|---|-------|
| Ranking Criteria | Score |
| Depth to Ground Water (less than 50 ft) | 20 |
| Wellhead Protection Area | 0 |
| Distance to Surface Body Water | 0 |
| Ranking Criteria Total Score | 0 |
| *Because the ranking criteria total score is 20, NMOCD RRALs are 10 ppm for benzene, 50 ppm for BTEX, 100 ppm for total TPH, and 250 ppm for chlorides. | |

2.0 Laboratory Analytical Results

The laboratory analytical results indicated that concentrations of BTEX and TPH were below the laboratory reporting limit for the samples that were submitted for analysis. Chloride concentrations



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were below the NMOCD RRALs for the samples that were submitted for analysis (see Figure 2). A copy of the laboratory analyses is included as Appendix A.

Based on the results of the laboratory analyses, CRA recommends that no further action be required for this site. If you have any questions or comments with regards to this work plan, please do not hesitate to contact our Albuquerque office at (505) 884-0672.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Reviewed by:

Bernard Bockisch, PMP
Senior Project Manager

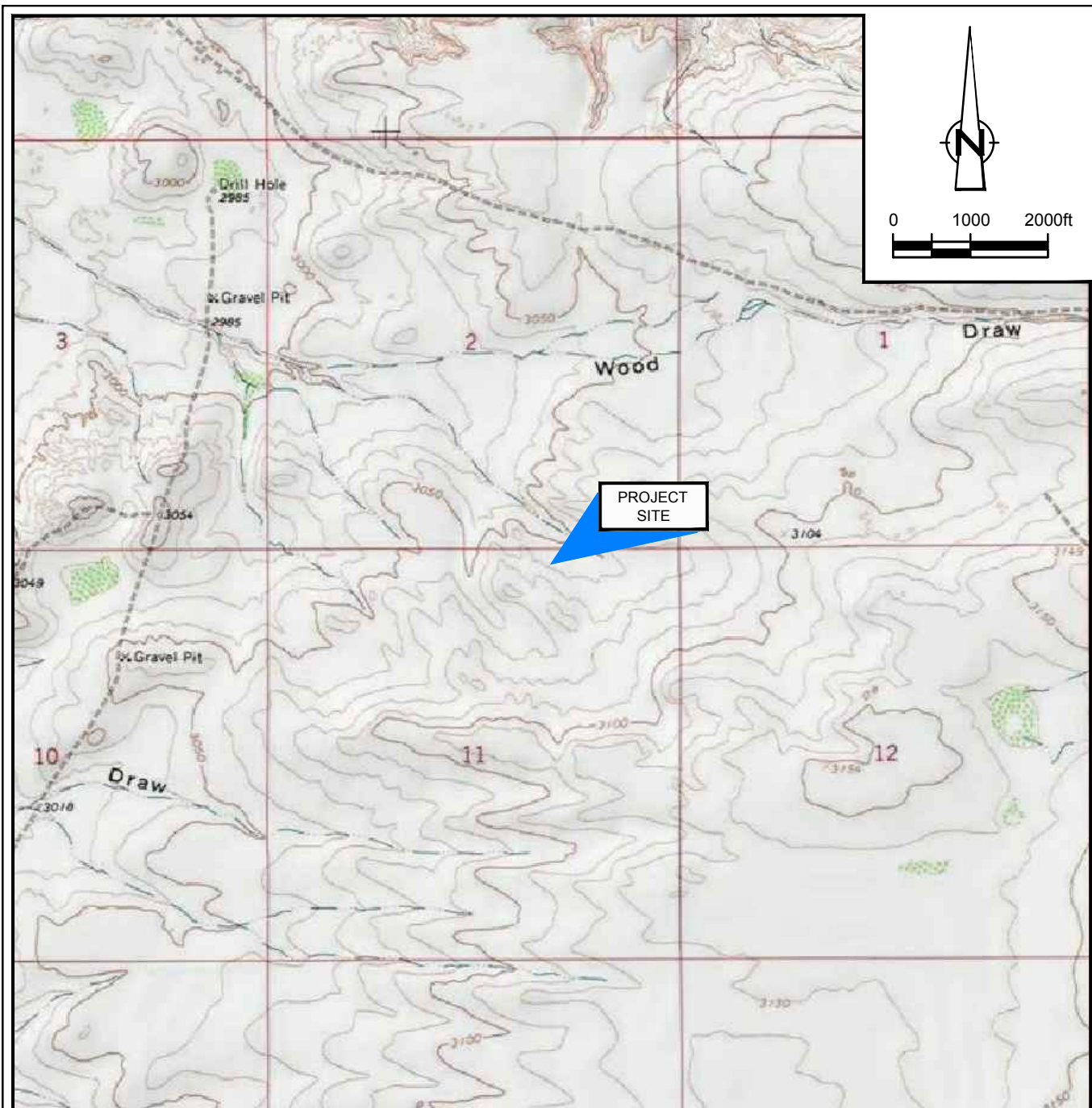
Jeffrey Walker,
Senior Project Manager

BB/mc/1
Encl. (5)

Attachments:

Figure 1. Site Location Map
Figure 3. Site Detail Map
Appendix A. Laboratory Analytical Results

Figures



SOURCE: USGS 7.5 MINUTE QUAD
"PIERCE CANYON, TEXAS"

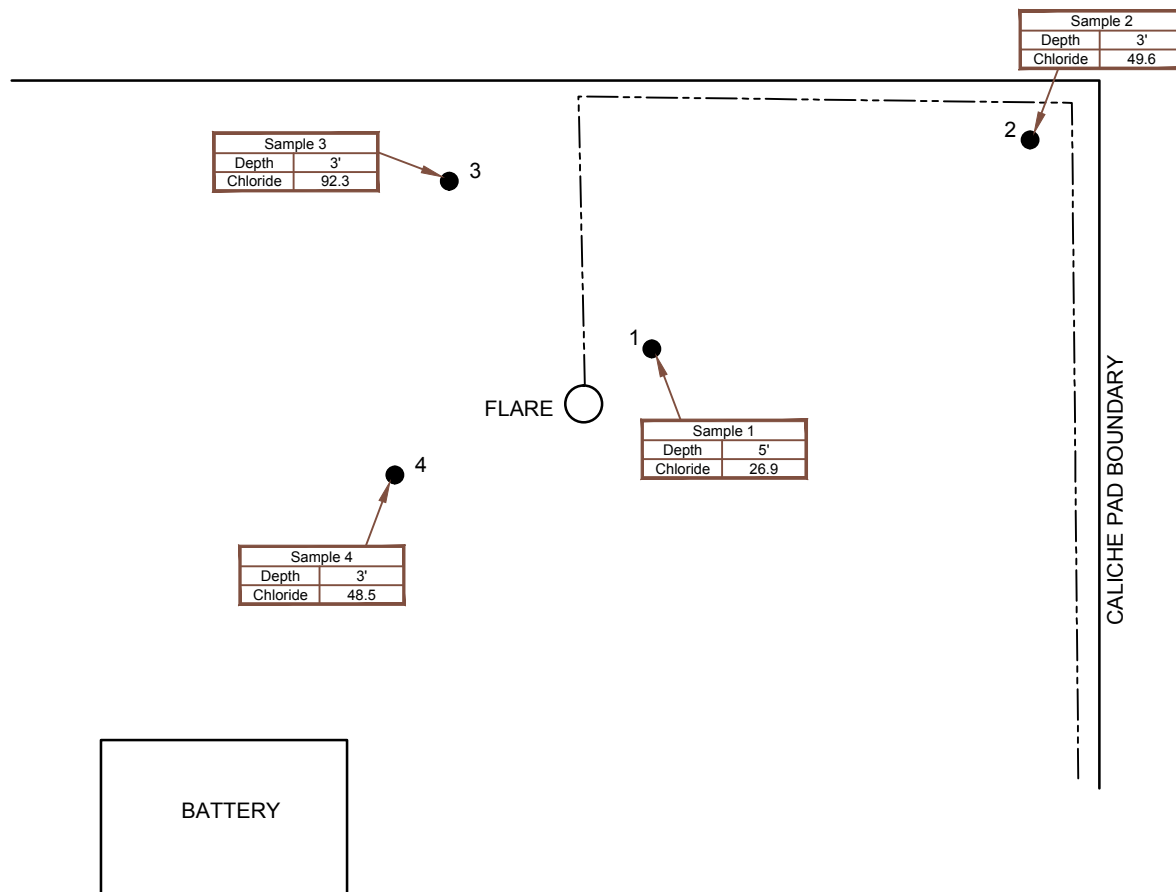
LAT/LONG: 32.1514° NORTH, 103.9519° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - NEW MEXICO EAST

Figure 1
SITE LOCATION MAP
ELK WALLOW 11 #3
EDDY COUNTY, NEW MEXICO
EOG Resources, Inc.





NOT TO SCALE



| LEGEND | |
|--------|--|
| ● | Surface Sample Location |
| --- | Pipeline |
| BTEX | Benzene, Toluene, Ethylbenzene and Xylenes Concentration (mg/kg) |
| TPH | Total Petroleum Hydrocarbons Concentration (mg/kg) |

NOTES:

1. All results are in mg/kg.
2. Chlorides, TPH, and BTEX were below regulatory limits for all samples.

| Constituent | Regulatory Limits |
|-------------|-------------------|
| Chloride | 250 |
| BTEX | 10 |
| TPH | 100 |

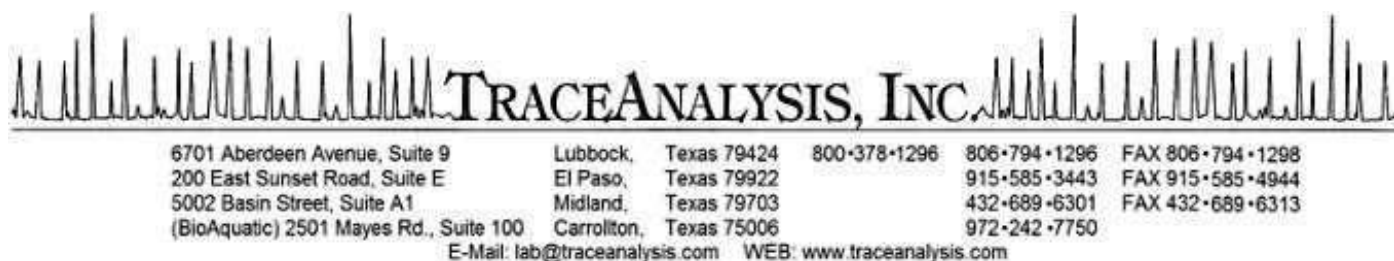
Figure 2

SITE DETAIL MAP
ELK WALLOW 11 #3
EDDY COUNTY, NEW MEXICO
EOG Resources, Inc.



Attachment A

Laboratory Analytical Results



Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Bernie Bocuisch
CRA-Albuquerque
6121 Indian School Rd NE
Albuquerque, NM, 87110

Report Date: August 26, 2014

Work Order: 14081210



Project Location: Malaga, NM
Project Name: EOG/Elk Wallow 11 #3
Project Number: 088210-07

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|---------------------|--------|------------|------------|---------------|
| 371428 | 088210-080714-SP-01 | soil | 2014-08-07 | 12:00 | 2014-08-12 |
| 371429 | 088210-080714-SP-02 | soil | 2014-08-07 | 13:15 | 2014-08-12 |
| 371430 | 088210-080714-SP-03 | soil | 2014-08-07 | 13:30 | 2014-08-12 |
| 371431 | 088210-080714-SP-04 | soil | 2014-08-07 | 13:45 | 2014-08-12 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 21 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

A handwritten signature in black ink, appearing to read "Brian Pellam". The signature is fluid and cursive, with a long horizontal stroke at the end.

Dr. Blair Leftwich, Director
James Taylor, Assistant Director
Brian Pellam, Operations Manager

Report Contents

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| QC Batch 114640 - Method Blank (1) | 11 |
| QC Batch 114641 - Method Blank (1) | 11 |
| QC Batch 114888 - Method Blank (1) | 12 |
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Case Narrative

Samples for project EOG/Elk Wallow 11 #3 were received by TraceAnalysis, Inc. on 2014-08-12 and assigned to work order 14081210. Samples for work order 14081210 were received intact at a temperature of 4.6 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|----------|---------------|---------------------|-------------|---------------------|
| BTEX | S 8021B | 96950 | 2014-08-15 at 07:35 | 114640 | 2014-08-18 at 07:36 |
| Chloride (IC) | E 300.0 | 97157 | 2014-08-21 at 11:38 | 114888 | 2014-08-25 at 08:34 |
| TPH DRO - NEW | S 8015 D | 96868 | 2014-08-13 at 10:26 | 114556 | 2014-08-14 at 08:05 |
| TPH GRO | S 8015 D | 96950 | 2014-08-15 at 07:35 | 114641 | 2014-08-15 at 07:44 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 14081210 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Report Date: August 26, 2014
088210-07

Work Order: 14081210
EOG/Elk Wallow 11 #3

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Malaga, NM

Analytical Report

Sample: 371428 - 088210-080714-SP-01

Laboratory: Midland
Analysis: BTEX
QC Batch: 114640
Prep Batch: 96950

Analytical Method: S 8021B
Date Analyzed: 2014-08-18
Sample Preparation: 2014-08-15

Prep Method: S 5035
Analyzed By: AK
Prepared By: AK

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|--------------|------|------|--------------|-------|----------|--------|
| Benzene | U | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |
| Toluene | U | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |
| Ethylbenzene | U | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |
| Xylene | U | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |

| Surrogate | Flag | Cert | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|------|--------|-------|----------|-----------------|---------------------|--------------------|
| Trifluorotoluene (TFT) | | | 1.90 | mg/Kg | 1 | 2.00 | 95 | 70 - 130 |
| 4-Bromofluorobenzene (4-BFB) | | | 1.88 | mg/Kg | 1 | 2.00 | 94 | 70 - 130 |

Sample: 371428 - 088210-080714-SP-01

Laboratory: Lubbock
Analysis: Chloride (IC)
QC Batch: 114888
Prep Batch: 97157

Analytical Method: E 300.0
Date Analyzed: 2014-08-25
Sample Preparation:

Prep Method: N/A
Analyzed By: RL
Prepared By: RL

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|-----------|------|-------|--------------|-------|----------|------|
| Chloride | | 1,2,4 | 26.9 | mg/Kg | 1 | 25.0 |

Sample: 371428 - 088210-080714-SP-01

Laboratory: Midland
Analysis: TPH DRO - NEW
QC Batch: 114556
Prep Batch: 96868

Analytical Method: S 8015 D
Date Analyzed: 2014-08-14
Sample Preparation: 2014-08-13

Prep Method: N/A
Analyzed By: SC
Prepared By: SC

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|-----------|------|------|--------------|-------|----------|------|
| DRO | | 3 | <50.0 | mg/Kg | 1 | 50.0 |

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| Surrogate | Flag | Cert | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|-------------|------|------|--------|-------|----------|--------------|------------------|-----------------|
| n-Tricosane | | | 105 | mg/Kg | 1 | 100 | 105 | 70 - 130 |

Sample: 371428 - 088210-080714-SP-01

Laboratory: Midland
Analysis: TPH GRO
QC Batch: 114641
Prep Batch: 96950

Analytical Method: S 8015 D
Date Analyzed: 2014-08-15
Sample Preparation: 2014-08-15

Prep Method: S 5035
Analyzed By: AK
Prepared By: AK

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|-----------|------|------|--------------|-------|----------|------|
| GRO | U | 3 | <4.00 | mg/Kg | 1 | 4.00 |

| Surrogate | Flag | Cert | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|------|--------|-------|----------|--------------|------------------|-----------------|
| Trifluorotoluene (TFT) | | | 2.06 | mg/Kg | 1 | 2.00 | 103 | 70 - 130 |
| 4-Bromofluorobenzene (4-BFB) | | | 1.88 | mg/Kg | 1 | 2.00 | 94 | 70 - 130 |

Sample: 371429 - 088210-080714-SP-02

Laboratory: Midland
Analysis: BTEX
QC Batch: 114640
Prep Batch: 96950

Analytical Method: S 8021B
Date Analyzed: 2014-08-18
Sample Preparation: 2014-08-15

Prep Method: S 5035
Analyzed By: AK
Prepared By: AK

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|--------------|------|------|--------------|-------|----------|--------|
| Benzene | U | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |
| Toluene | U | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |
| Ethylbenzene | U | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |
| Xylene | U | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |

| Surrogate | Flag | Cert | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|------|--------|-------|----------|--------------|------------------|-----------------|
| Trifluorotoluene (TFT) | | | 1.90 | mg/Kg | 1 | 2.00 | 95 | 70 - 130 |
| 4-Bromofluorobenzene (4-BFB) | | | 1.87 | mg/Kg | 1 | 2.00 | 94 | 70 - 130 |

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EOG/Elk Wallow 11 #3

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Sample: 371429 - 088210-080714-SP-02

| | | | | | |
|-------------|---------------|---------------------|------------|--------------|-----|
| Laboratory: | Lubbock | Analytical Method: | E 300.0 | Prep Method: | N/A |
| Analysis: | Chloride (IC) | Date Analyzed: | 2014-08-25 | Analyzed By: | RL |
| QC Batch: | 114888 | Sample Preparation: | | Prepared By: | RL |
| Prep Batch: | 97157 | | | | |

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|-----------|------|-------|--------------|-------|----------|------|
| Chloride | | 1,2,4 | 49.6 | mg/Kg | 1 | 25.0 |

Sample: 371429 - 088210-080714-SP-02

| | | | | | |
|-------------|---------------|---------------------|------------|--------------|-----|
| Laboratory: | Midland | Analytical Method: | S 8015 D | Prep Method: | N/A |
| Analysis: | TPH DRO - NEW | Date Analyzed: | 2014-08-14 | Analyzed By: | SC |
| QC Batch: | 114556 | Sample Preparation: | 2014-08-13 | Prepared By: | SC |
| Prep Batch: | 96868 | | | | |

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|-----------|------|------|--------------|-------|----------|------|
| DRO | U | 3 | <50.0 | mg/Kg | 1 | 50.0 |

| Surrogate | Flag | Cert | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|-------------|-----------------|-----------------|--------|-------|----------|-----------------|---------------------|--------------------|
| n-Tricosane | Q _{sr} | Q _{sr} | 61.9 | mg/Kg | 1 | 100 | 62 | 70 - 130 |

Sample: 371429 - 088210-080714-SP-02

| | | | | | |
|-------------|---------|---------------------|------------|--------------|--------|
| Laboratory: | Midland | Analytical Method: | S 8015 D | Prep Method: | S 5035 |
| Analysis: | TPH GRO | Date Analyzed: | 2014-08-15 | Analyzed By: | AK |
| QC Batch: | 114641 | Sample Preparation: | 2014-08-15 | Prepared By: | AK |
| Prep Batch: | 96950 | | | | |

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|-----------|------|------|--------------|-------|----------|------|
| GRO | U | 3 | <4.00 | mg/Kg | 1 | 4.00 |

| Surrogate | Flag | Cert | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|------|--------|-------|----------|-----------------|---------------------|--------------------|
| Trifluorotoluene (TFT) | | | 2.01 | mg/Kg | 1 | 2.00 | 100 | 70 - 130 |
| 4-Bromofluorobenzene (4-BFB) | | | 1.87 | mg/Kg | 1 | 2.00 | 94 | 70 - 130 |

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Sample: 371430 - 088210-080714-SP-03

Laboratory: Midland

Analysis: BTEX

QC Batch: 114640

Prep Batch: 96950

Analytical Method: S 8021B

Date Analyzed: 2014-08-18

Sample Preparation: 2014-08-15

Prep Method: S 5035

Analyzed By: AK

Prepared By: AK

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|--------------|------|------|--------------|-------|----------|--------|
| Benzene | u | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |
| Toluene | u | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |
| Ethylbenzene | u | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |
| Xylene | u | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |

| Surrogate | Flag | Cert | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|------|--------|-------|----------|-----------------|---------------------|--------------------|
| Trifluorotoluene (TFT) | | | 1.91 | mg/Kg | 1 | 2.00 | 96 | 70 - 130 |
| 4-Bromofluorobenzene (4-BFB) | | | 1.90 | mg/Kg | 1 | 2.00 | 95 | 70 - 130 |

Sample: 371430 - 088210-080714-SP-03

Laboratory: Lubbock

Analysis: Chloride (IC)

QC Batch: 114888

Prep Batch: 97157

Analytical Method: E 300.0

Date Analyzed: 2014-08-25

Sample Preparation:

Prep Method: N/A

Analyzed By: RL

Prepared By: RL

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|-----------|------|-------|--------------|-------|----------|------|
| Chloride | | 1,2,4 | 92.3 | mg/Kg | 1 | 25.0 |

Sample: 371430 - 088210-080714-SP-03

Laboratory: Midland

Analysis: TPH DRO - NEW

QC Batch: 114556

Prep Batch: 96868

Analytical Method: S 8015 D

Date Analyzed: 2014-08-14

Sample Preparation: 2014-08-13

Prep Method: N/A

Analyzed By: SC

Prepared By: SC

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|-----------|------|------|--------------|-------|----------|------|
| DRO | | 3 | <50.0 | mg/Kg | 1 | 50.0 |

| Surrogate | Flag | Cert | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|-------------|------|------|--------|-------|----------|-----------------|---------------------|--------------------|
| n-Tricosane | | | 97.7 | mg/Kg | 1 | 100 | 98 | 70 - 130 |

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Sample: 371430 - 088210-080714-SP-03

| | | | |
|-------------|---------|---------------------|------------|
| Laboratory: | Midland | | |
| Analysis: | TPH GRO | Analytical Method: | S 8015 D |
| QC Batch: | 114641 | Date Analyzed: | 2014-08-15 |
| Prep Batch: | 96950 | Sample Preparation: | 2014-08-15 |
| | | Prep Method: | S 5035 |
| | | Analyzed By: | AK |
| | | Prepared By: | AK |

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|-----------|------|------|--------------|-------|----------|------|
| GRO | u | 3 | <4.00 | mg/Kg | 1 | 4.00 |

| Surrogate | Flag | Cert | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|------|--------|-------|----------|-----------------|---------------------|--------------------|
| Trifluorotoluene (TFT) | | | 2.03 | mg/Kg | 1 | 2.00 | 102 | 70 - 130 |
| 4-Bromofluorobenzene (4-BFB) | | | 1.90 | mg/Kg | 1 | 2.00 | 95 | 70 - 130 |

Sample: 371431 - 088210-080714-SP-04

| | | | |
|-------------|---------|---------------------|------------|
| Laboratory: | Midland | | |
| Analysis: | BTEX | Analytical Method: | S 8021B |
| QC Batch: | 114640 | Date Analyzed: | 2014-08-18 |
| Prep Batch: | 96950 | Sample Preparation: | 2014-08-15 |
| | | Prep Method: | S 5035 |
| | | Analyzed By: | AK |
| | | Prepared By: | AK |

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|--------------|------|------|--------------|-------|----------|--------|
| Benzene | u | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |
| Toluene | u | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |
| Ethylbenzene | u | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |
| Xylene | u | 3 | <0.0200 | mg/Kg | 1 | 0.0200 |

| Surrogate | Flag | Cert | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|------|--------|-------|----------|-----------------|---------------------|--------------------|
| Trifluorotoluene (TFT) | | | 1.92 | mg/Kg | 1 | 2.00 | 96 | 70 - 130 |
| 4-Bromofluorobenzene (4-BFB) | | | 1.76 | mg/Kg | 1 | 2.00 | 88 | 70 - 130 |

Sample: 371431 - 088210-080714-SP-04

| | | | |
|-------------|---------------|---------------------|------------|
| Laboratory: | Lubbock | | |
| Analysis: | Chloride (IC) | Analytical Method: | E 300.0 |
| QC Batch: | 114888 | Date Analyzed: | 2014-08-25 |
| Prep Batch: | 97157 | Sample Preparation: | |
| | | Prep Method: | N/A |
| | | Analyzed By: | RL |
| | | Prepared By: | RL |

continued ...

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sample 371431 continued ...

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|-----------|------|-------|--------------|-------|----------|------|
| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
| Chloride | | 1,2,4 | 48.5 | mg/Kg | 1 | 25.0 |

Sample: 371431 - 088210-080714-SP-04

Laboratory: Midland
Analysis: TPH DRO - NEW
QC Batch: 114556
Prep Batch: 96868

Analytical Method: S 8015 D
Date Analyzed: 2014-08-14
Sample Preparation: 2014-08-13

Prep Method: N/A
Analyzed By: SC
Prepared By: SC

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|-----------|------|------|--------------|-------|----------|------|
| DRO | U | 3 | <50.0 | mg/Kg | 1 | 50.0 |

| Surrogate | Flag | Cert | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|-------------|------|------|--------|-------|----------|-----------------|---------------------|--------------------|
| n-Tricosane | | | 70.5 | mg/Kg | 1 | 100 | 70 | 70 - 130 |

Sample: 371431 - 088210-080714-SP-04

Laboratory: Midland
Analysis: TPH GRO
QC Batch: 114641
Prep Batch: 96950

Analytical Method: S 8015 D
Date Analyzed: 2014-08-15
Sample Preparation: 2014-08-15

Prep Method: S 5035
Analyzed By: AK
Prepared By: AK

| Parameter | Flag | Cert | RL Result | Units | Dilution | RL |
|-----------|------|------|--------------|-------|----------|------|
| GRO | U | 3 | <4.00 | mg/Kg | 1 | 4.00 |

| Surrogate | Flag | Cert | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|------|--------|-------|----------|-----------------|---------------------|--------------------|
| Trifluorotoluene (TFT) | | | 2.03 | mg/Kg | 1 | 2.00 | 102 | 70 - 130 |
| 4-Bromofluorobenzene (4-BFB) | | | 1.82 | mg/Kg | 1 | 2.00 | 91 | 70 - 130 |

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Method Blanks

Method Blank (1) QC Batch: 114556

QC Batch: 114556 Date Analyzed: 2014-08-14 Analyzed By: SC
Prep Batch: 96868 QC Preparation: 2014-08-13 Prepared By: SC

| Parameter | Flag | Cert | MDL Result | Units | RL |
|-----------|------|------|---------------|-------|----|
| DRO | | 3 | <7.41 | mg/Kg | 50 |

| Surrogate | Flag | Cert | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|-------------|------|------|--------|-------|----------|-----------------|---------------------|--------------------|
| n-Tricosane | | | 98.5 | mg/Kg | 1 | 100 | 98 | 70 - 130 |

Method Blank (1) QC Batch: 114640

QC Batch: 114640 Date Analyzed: 2014-08-18 Analyzed By: AK
Prep Batch: 96950 QC Preparation: 2014-08-15 Prepared By: AK

| Parameter | Flag | Cert | MDL Result | Units | RL |
|--------------|------|------|---------------|-------|------|
| Benzene | | 3 | <0.00533 | mg/Kg | 0.02 |
| Toluene | | 3 | <0.00645 | mg/Kg | 0.02 |
| Ethylbenzene | | 3 | <0.0116 | mg/Kg | 0.02 |
| Xylene | | 3 | <0.00874 | mg/Kg | 0.02 |

| Surrogate | Flag | Cert | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|------|--------|-------|----------|-----------------|---------------------|--------------------|
| Trifluorotoluene (TFT) | | | 1.94 | mg/Kg | 1 | 2.00 | 97 | 70 - 130 |
| 4-Bromofluorobenzene (4-BFB) | | | 1.77 | mg/Kg | 1 | 2.00 | 88 | 70 - 130 |

Method Blank (1) QC Batch: 114641

QC Batch: 114641 Date Analyzed: 2014-08-15 Analyzed By: AK
Prep Batch: 96950 QC Preparation: 2014-08-15 Prepared By: AK

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| Parameter | Flag | Cert | MDL Result | Units | RL |
|-----------|------|------|---------------|-------|----|
| GRO | | 3 | <2.32 | mg/Kg | 4 |

| Surrogate | Flag | Cert | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|------|--------|-------|----------|-----------------|---------------------|--------------------|
| Trifluorotoluene (TFT) | | | 2.01 | mg/Kg | 1 | 2.00 | 100 | 70 - 130 |
| 4-Bromofluorobenzene (4-BFB) | | | 1.78 | mg/Kg | 1 | 2.00 | 89 | 70 - 130 |

Method Blank (1) QC Batch: 114888

QC Batch: 114888
Prep Batch: 97157

Date Analyzed: 2014-08-25
QC Preparation: 2014-08-21

Analyzed By: RL
Prepared By: MM

| Parameter | Flag | Cert | MDL Result | Units | RL |
|-----------|------|-------|---------------|-------|----|
| Chloride | | 1,2,4 | <2.66 | mg/Kg | 25 |

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Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 114556
Prep Batch: 96868

Date Analyzed: 2014-08-14
QC Preparation: 2014-08-13

Analyzed By: SC
Prepared By: SC

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| DRO | | 3 | 225 | mg/Kg | 1 | 250 | <7.41 | 90 | 70 - 130 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-------|---|---|----------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| DRO | | 3 | 225 | mg/Kg | 1 | 250 | <7.41 | 90 | 70 - 130 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Surrogate | LCS Result | LCSD Result | Units | Dil. | Spike Amount | LCS Rec. | LCSD Rec. | Rec. Limit |
|-------------|---------------|----------------|-------|------|-----------------|-------------|--------------|---------------|
| n-Tricosane | 103 | 103 | mg/Kg | 1 | 100 | 103 | 103 | 70 - 130 |

Laboratory Control Spike (LCS-1)

QC Batch: 114640
Prep Batch: 96950

Date Analyzed: 2014-08-18
QC Preparation: 2014-08-15

Analyzed By: AK
Prepared By: AK

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|--------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Benzene | | 3 | 1.86 | mg/Kg | 1 | 2.00 | <0.00533 | 93 | 70 - 130 |
| Toluene | | 3 | 2.02 | mg/Kg | 1 | 2.00 | <0.00645 | 101 | 70 - 130 |
| Ethylbenzene | | 3 | 2.11 | mg/Kg | 1 | 2.00 | <0.0116 | 106 | 70 - 130 |
| Xylene | | 3 | 6.42 | mg/Kg | 1 | 6.00 | <0.00874 | 107 | 70 - 130 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|--------------|---|---|----------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Benzene | | 3 | 1.82 | mg/Kg | 1 | 2.00 | <0.00533 | 91 | 70 - 130 | 2 | 20 |
| Toluene | | 3 | 1.94 | mg/Kg | 1 | 2.00 | <0.00645 | 97 | 70 - 130 | 4 | 20 |
| Ethylbenzene | | 3 | 2.07 | mg/Kg | 1 | 2.00 | <0.0116 | 104 | 70 - 130 | 2 | 20 |
| Xylene | | 3 | 6.23 | mg/Kg | 1 | 6.00 | <0.00874 | 104 | 70 - 130 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

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| Surrogate | LCS Result | LCSD Result | Units | Dil. | Spike Amount | LCS Rec. | LCSD Rec. | Rec. Limit |
|------------------------------|---------------|----------------|-------|------|-----------------|-------------|--------------|---------------|
| Trifluorotoluene (TFT) | 1.93 | 1.96 | mg/Kg | 1 | 2.00 | 96 | 98 | 70 - 130 |
| 4-Bromofluorobenzene (4-BFB) | 1.89 | 1.91 | mg/Kg | 1 | 2.00 | 94 | 96 | 70 - 130 |

Laboratory Control Spike (LCS-1)

QC Batch: 114641
Prep Batch: 96950

Date Analyzed: 2014-08-15
QC Preparation: 2014-08-15

Analyzed By: AK
Prepared By: AK

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| GRO | | 3 | 19.7 | mg/Kg | 1 | 20.0 | <2.32 | 98 | 70 - 130 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-------|---|---|----------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| GRO | | 3 | 17.5 | mg/Kg | 1 | 20.0 | <2.32 | 88 | 70 - 130 | 12 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Surrogate | LCS Result | LCSD Result | Units | Dil. | Spike Amount | LCS Rec. | LCSD Rec. | Rec. Limit |
|------------------------------|---------------|----------------|-------|------|-----------------|-------------|--------------|---------------|
| Trifluorotoluene (TFT) | 1.95 | 1.94 | mg/Kg | 1 | 2.00 | 98 | 97 | 70 - 130 |
| 4-Bromofluorobenzene (4-BFB) | 1.90 | 1.90 | mg/Kg | 1 | 2.00 | 95 | 95 | 70 - 130 |

Laboratory Control Spike (LCS-1)

QC Batch: 114888
Prep Batch: 97157

Date Analyzed: 2014-08-25
QC Preparation: 2014-08-21

Analyzed By: RL
Prepared By: MM

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|-------|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1,2,4 | 235 | mg/Kg | 1 | 250 | <2.66 | 94 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|-------|----------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1,2,4 | 232 | mg/Kg | 1 | 250 | <2.66 | 93 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

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Matrix Spikes

Matrix Spike (MS-1) Spiked Sample: 370833

QC Batch: 114556
Prep Batch: 96868

Date Analyzed: 2014-08-14
QC Preparation: 2014-08-13

Analyzed By: SC
Prepared By: SC

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| DRO | | 3 | 176 | mg/Kg | 1 | 250 | 16.4 | 64 | 70 - 130 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| DRO | | 3 | 213 | mg/Kg | 1 | 250 | 16.4 | 79 | 70 - 130 | 19 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Surrogate | MS Result | MSD Result | Units | Dil. | Spike Amount | MS Rec. | MSD Rec. | Rec. Limit |
|-------------|--------------|---------------|-------|------|-----------------|------------|-------------|---------------|
| n-Tricosane | 109 | 103 | mg/Kg | 1 | 100 | 109 | 103 | 70 - 130 |

Matrix Spike (MS-1) Spiked Sample: 371431

QC Batch: 114640
Prep Batch: 96950

Date Analyzed: 2014-08-18
QC Preparation: 2014-08-15

Analyzed By: AK
Prepared By: AK

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|--------------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Benzene | | 3 | 1.84 | mg/Kg | 1 | 2.00 | <0.00533 | 92 | 70 - 130 |
| Toluene | | 3 | 1.98 | mg/Kg | 1 | 2.00 | <0.00645 | 99 | 70 - 130 |
| Ethylbenzene | | 3 | 2.07 | mg/Kg | 1 | 2.00 | <0.0116 | 104 | 70 - 130 |
| Xylene | | 3 | 6.25 | mg/Kg | 1 | 6.00 | <0.00874 | 104 | 70 - 130 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|--------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Benzene | | 3 | 1.64 | mg/Kg | 1 | 2.00 | <0.00533 | 82 | 70 - 130 | 12 | 20 |
| Toluene | | 3 | 1.79 | mg/Kg | 1 | 2.00 | <0.00645 | 90 | 70 - 130 | 10 | 20 |
| Ethylbenzene | | 3 | 1.88 | mg/Kg | 1 | 2.00 | <0.0116 | 94 | 70 - 130 | 10 | 20 |
| Xylene | | 3 | 5.68 | mg/Kg | 1 | 6.00 | <0.00874 | 95 | 70 - 130 | 10 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

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| Surrogate | MS Result | MSD Result | Units | Dil. | Spike Amount | MS Rec. | MSD Rec. | Rec. Limit |
|------------------------------|--------------|---------------|-------|------|-----------------|------------|-------------|---------------|
| Trifluorotoluene (TFT) | 1.89 | 1.90 | mg/Kg | 1 | 2 | 94 | 95 | 70 - 130 |
| 4-Bromofluorobenzene (4-BFB) | 1.82 | 1.81 | mg/Kg | 1 | 2 | 91 | 90 | 70 - 130 |

Matrix Spike (MS-1) Spiked Sample: 371431

QC Batch: 114641
Prep Batch: 96950

Date Analyzed: 2014-08-15
QC Preparation: 2014-08-15

Analyzed By: AK
Prepared By: AK

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| GRO | | 3 | 19.5 | mg/Kg | 1 | 20.0 | <2.32 | 98 | 70 - 130 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| GRO | | 3 | 20.8 | mg/Kg | 1 | 20.0 | <2.32 | 104 | 70 - 130 | 6 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Surrogate | MS Result | MSD Result | Units | Dil. | Spike Amount | MS Rec. | MSD Rec. | Rec. Limit |
|------------------------------|--------------|---------------|-------|------|-----------------|------------|-------------|---------------|
| Trifluorotoluene (TFT) | 1.93 | 1.89 | mg/Kg | 1 | 2 | 96 | 94 | 70 - 130 |
| 4-Bromofluorobenzene (4-BFB) | 1.88 | 1.86 | mg/Kg | 1 | 2 | 94 | 93 | 70 - 130 |

Matrix Spike (MS-1) Spiked Sample: 371430

QC Batch: 114888
Prep Batch: 97157

Date Analyzed: 2014-08-25
QC Preparation: 2014-08-21

Analyzed By: RL
Prepared By: MM

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|-------|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1,2,4 | 339 | mg/Kg | 1 | 250 | 92.3 | 99 | 80 - 120 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|-------|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1,2,4 | 341 | mg/Kg | 1 | 250 | 92.3 | 99 | 80 - 120 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 114556

Date Analyzed: 2014-08-14

Analyzed By: SC

| Param | Flag | Cert | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-------|------|------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| DRO | | 3 | mg/Kg | 250 | 223 | 89 | 80 - 120 | 2014-08-14 |

Standard (CCV-2)

QC Batch: 114556

Date Analyzed: 2014-08-14

Analyzed By: SC

| Param | Flag | Cert | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-------|------|------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| DRO | | 3 | mg/Kg | 250 | 234 | 94 | 80 - 120 | 2014-08-14 |

Standard (CCV-3)

QC Batch: 114556

Date Analyzed: 2014-08-14

Analyzed By: SC

| Param | Flag | Cert | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-------|------|------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| DRO | | 3 | mg/Kg | 250 | 209 | 84 | 80 - 120 | 2014-08-14 |

Standard (CCV-1)

QC Batch: 114640

Date Analyzed: 2014-08-18

Analyzed By: AK

| Param | Flag | Cert | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|---------|------|------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Benzene | | 3 | mg/kg | 0.100 | 0.0971 | 97 | 80 - 120 | 2014-08-18 |
| Toluene | | 3 | mg/kg | 0.100 | 0.102 | 102 | 80 - 120 | 2014-08-18 |

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standard continued ...

| Param | Flag | Cert | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|--------------|------|------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Ethylbenzene | | 3 | mg/kg | 0.100 | 0.102 | 102 | 80 - 120 | 2014-08-18 |
| Xylene | | 3 | mg/kg | 0.300 | 0.309 | 103 | 80 - 120 | 2014-08-18 |

Standard (CCV-2)

QC Batch: 114640

Date Analyzed: 2014-08-18

Analyzed By: AK

| Param | Flag | Cert | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|--------------|------|------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Benzene | | 3 | mg/kg | 0.100 | 0.0976 | 98 | 80 - 120 | 2014-08-18 |
| Toluene | | 3 | mg/kg | 0.100 | 0.0997 | 100 | 80 - 120 | 2014-08-18 |
| Ethylbenzene | | 3 | mg/kg | 0.100 | 0.0987 | 99 | 80 - 120 | 2014-08-18 |
| Xylene | | 3 | mg/kg | 0.300 | 0.300 | 100 | 80 - 120 | 2014-08-18 |

Standard (CCV-3)

QC Batch: 114640

Date Analyzed: 2014-08-18

Analyzed By: AK

| Param | Flag | Cert | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|--------------|------|------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Benzene | | 3 | mg/kg | 0.100 | 0.0903 | 90 | 80 - 120 | 2014-08-18 |
| Toluene | | 3 | mg/kg | 0.100 | 0.0942 | 94 | 80 - 120 | 2014-08-18 |
| Ethylbenzene | | 3 | mg/kg | 0.100 | 0.0925 | 92 | 80 - 120 | 2014-08-18 |
| Xylene | | 3 | mg/kg | 0.300 | 0.280 | 93 | 80 - 120 | 2014-08-18 |

Standard (CCV-1)

QC Batch: 114641

Date Analyzed: 2014-08-15

Analyzed By: AK

| Param | Flag | Cert | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-------|------|------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| GRO | | 3 | mg/Kg | 1.00 | 1.07 | 107 | 80 - 120 | 2014-08-15 |

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Standard (CCV-2)

QC Batch: 114641

Date Analyzed: 2014-08-15

Analyzed By: AK

| Param | Flag | Cert | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-------|------|------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| GRO | | 3 | mg/Kg | 1.00 | 0.958 | 96 | 80 - 120 | 2014-08-15 |

Standard (CCV-3)

QC Batch: 114641

Date Analyzed: 2014-08-15

Analyzed By: AK

| Param | Flag | Cert | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-------|------|------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| GRO | | 3 | mg/Kg | 1.00 | 0.922 | 92 | 80 - 120 | 2014-08-15 |

Standard (CCV-1)

QC Batch: 114888

Date Analyzed: 2014-08-25

Analyzed By: RL

| Param | Flag | Cert | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|------|-------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1,2,4 | mg/Kg | 25.0 | 23.8 | 95 | 90 - 110 | 2014-08-25 |

Standard (CCV-2)

QC Batch: 114888

Date Analyzed: 2014-08-25

Analyzed By: RL

| Param | Flag | Cert | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|------|-------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1,2,4 | mg/Kg | 25.0 | 24.3 | 97 | 90 - 110 | 2014-08-25 |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | LELAP | LELAP-02003 | Lubbock |
| 2 | NELAP | T104704219-14-10 | Lubbock |
| 3 | NELAP | T104704392-14-8 | Midland |
| 4 | | 2013-083 | Lubbock |

Standard Flags

| F | Description |
|-----|---|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

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Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

5002 Basin Street, Suite A1
Midland, Texas 79703
Tel (432) 689-6301
Fax (432) 689-6313

200 East Sunset Rd., Suite E
El Paso, Texas 79922
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Brandon & Clark
3403 Industrial Blvd.
Hobbs, NM 88240
Tel (575) 392-7561
Fax (575) 392-4508

email: lab@traceanalysis.com

Company Name: CHA Phone #: (505) 80-0572

Address: (Street, City, Zip)
6121 Indian School Blvd NE Albuquerque, NM 87110

Contact Person: Bernie Bockisch
E-mail: bbockisch@eraworld.com

Invoice to:
(If different from above)

Project #: 888210/07 Project Name: E-6-11K21011#3

| | | | |
|-------------------------------------|------------------|-------------------|--------------------|
| Project Location (including state): | Abaco Malaga, NM | Sample Signature: | <i>[Signature]</i> |
|-------------------------------------|------------------|-------------------|--------------------|

Abac Malaga, NM

[illegible]

(Circle or Specify Method No.)

[illegible]

| | |
|----------|-----------------------------------|
| REMARKS: | Mediad - PRO/GR/BRX Subsect. I |
|----------|-----------------------------------|


LAB USE ONLY

| | |
|------|-------|
| INST | 21 |
| OBS | 47° C |

Received by:  Company:  Date:  Time: 

Relinquished by: Hana Pina Company: CR Date: 8/16/2015 Time: _____

Subject. I



CUR 76 C
INST

Received by: Dr. M. C. Kelly Date: 10/11/10 Time: 10:10

Relinquished by: James P. By Company: USA Date: 9/17 Time: 3:12

**Dry Weight Basis Required
TRRP Report Required
Check If Special Reporting
Limits Are Needed**

log-in-Review

INST 1R3
OBS 5.6
COR 5.5

Received by: RC TA Company: 8/13/14 Date: 9/15 Time: 9:15

Relinquished by: _____ Date: _____ Time: _____

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

Carrier # TX 80571764 8282/LSO ZRS28928

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