



# 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:** pENV000GW00034

**GW - 33**

**WESTERN GAS PROCESSING**

9/29/2016

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 R. 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

AUG 23 2016

Form C-141  
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

### Release Notification and Corrective Action

#### OPERATOR

☐ Initial Report ☒ Final Report

|                                               |                                      |
|-----------------------------------------------|--------------------------------------|
| Name of Company CCI San Juan LLC              | Contact Josh Tuttle                  |
| Address #99 County Road 6500                  | Telephone No. 435-686-7610           |
| Facility Name Horseshoe Gallup Gathering Line | Facility Type                        |
| Surface Owner Ute Mountain Ute Tribe          | Mineral Owner Ute Mountain Ute Tribe |
| API No. N/A                                   |                                      |

#### LOCATION OF RELEASE

|                  |               |                  |              |                                   |                                 |                    |
|------------------|---------------|------------------|--------------|-----------------------------------|---------------------------------|--------------------|
| Unit Letter<br>A | Section<br>34 | Township<br>T31N | Range<br>16W | Feet from the<br>North/South Line | Feet from the<br>East/West Line | County<br>San Juan |
|------------------|---------------|------------------|--------------|-----------------------------------|---------------------------------|--------------------|

Latitude 36.856 Longitude -108.5165

#### NATURE OF RELEASE

|                                                                                                                                          |                                                      |                                              |
|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------|
| Type of Release Pipeline Spill                                                                                                           | Volume of Release 150-250 bbls                       | Volume Recovered 0                           |
| Source of Release 16" Horseshoe Gallup Gathering line                                                                                    | Date and Hour of Occurrence<br>8/14 at 7:45 pm       | Date and Hour of Discovery 8/14 at<br>1:03am |
| Was Immediate Notice Given?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?<br>Brandon Powell                   |                                              |
| By Whom? Josh Tuttle                                                                                                                     | Date and Hour                                        |                                              |
| Was a Watercourse Reached?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                        | If YES, Volume Impacting the Watercourse.<br>Unknown |                                              |

If a Watercourse was Impacted, Describe Fully.\*

The Eagle Nest Arroyo approximately 10 miles northeast of the river. Contents of the pipeline migrated into a wash and traveled to a bermed area where further migration was prevented.

Describe Cause of Problem and Remedial Action Taken.\*

Following discovery of the leak a crew was dispatched to promptly initiate corrective action. The line was depressured and isolated. The process was completed in six hours. All soil containing the discharged fluids are being horizontally and vertically excavated for remediation and disposal. A sample and remediation plan has been submitted for approval.

Describe Area Affected and Cleanup Action Taken.\*

A hole in the ground was a result of the pipe damage following a large amount of hydrocarbons spayed to the South and West. A heavy rain event carried a portion of the oil an additional 300 yards down the wash before dissipating into dryer soils. All soil containing the discharged fluids were horizontally and vertically excavated for remediation and disposal. A sample and remediation plan was submitted for approval and followed. (See Attached envirotech report - Project Number 14038-0004)

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: Josh Tuttle                                                                      |  | Approved by Environmental Specialist:  |                  |
| Title: ES&H Specialist II                                                                      |  | Approval Date: 9/29/16                                                                                                      | Expiration Date: |
| E-mail Address: joshua.tuttle@cci.com                                                          |  | Conditions of Approval:                                                                                                     |                  |
| Date: August 18, 2016 Phone: 435-686-7610                                                      |  | Attached <input type="checkbox"/>                                                                                           |                  |

\* Attach Additional Sheets If Necessary

#NCS 152 15 39 662

253





## **SOIL SAMPLING AND REMEDIATION REPORT**

**LOCATED AT:  
HORSESHOE GALLUP/ANETH 16" PIPELINE  
SECTION 34, TOWNSHIP 31N, RANGE 16W  
SAN JUAN COUNTY, NEW MEXICO**

**PREPARED FOR:  
CCI SAN JUAN, LLC  
MR. RYAN KELLY  
99 COUNTY ROAD 6500  
KIRTLAND, NEW MEXICO 87417**



**PROJECT NUMBER 14038-0004  
SEPTEMBER 2014  
REVISED JANUARY 2015**



January 27, 2015

Project Number 14038-0004

Mr. Ryan Kelly  
CCI San Juan, LLC  
99 County Road 6500  
Kirtland, New Mexico 87417

Phone: (505) 427-5402

**RE: SOIL SAMPLING AND REMEDIATION REPORT FOR HORSESHOE GALLUP/ANETH  
16" PIPELINE, SECTION 34, TOWNSHIP 31N, RANGE 16W, SAN JUAN COUNTY,  
NEW MEXICO**

Dear Mr. Kelly:

Enclosed please find the *Soil Sampling and Remediation Report* detailing soil sampling and site remediation activities conducted at the Horseshoe Gallup/Aneth 16" Pipeline located in Section 34, Township 31N, Range 16W, San Juan County, New Mexico.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,  
ENVIROTECH, INC.

REVIEWED

  
Sheena Leon  
Sr. Environmental Field Tech  
[sleon@envirotech-inc.com](mailto:sleon@envirotech-inc.com)

  
Greg Crabtree  
Environmental Manager  
[gcrabtree@envirotech-inc.com](mailto:gcrabtree@envirotech-inc.com)

Enclosure(s): *Soil Sampling and Remediation Report*

Cc: Client File Number 14038



**CCI SAN JUAN, LLC**  
**SOIL SAMPLING AND REMEDIATION REPORT**  
**HORSESHOE GALLUP/ANETH 16" PIPELINE**  
**SECTION 34, TOWNSHIP 31N, RANGE 16 WEST**  
**SAN JUAN COUNTY, NEW MEXICO**  
**LATITUDE: N36.856139°, LONGITUDE: W108.516447°**

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                 Appendix B, Site Photography  
                 Appendix C, Bills of Lading

## **INTRODUCTION**

Envirotech, Inc. of Farmington, New Mexico, was contracted by CCI San Juan, LLC to provide spill assessment, soil sampling, and remediation activities for a release from the Horseshoe Gallup/Aneth 16" Pipeline located in Section 34, Township 31 North, Range 16 West, San Juan County, New Mexico; see **Figure 1, Vicinity Map**. Envirotech performed the following activities: spill assessment, sampling and remediation plan design, remedial soil treatment, soil and surface water sampling, documentation and reporting.

## **ACTIVITIES PERFORMED**

Envirotech, Inc. was contacted on August 15, 2014, by Mr. Ryan Kelly of CCI San Juan, LLC, with a request to conduct spill assessment activities due to a release that had occurred from a ruptured natural gas pipeline. Upon arrival a brief site assessment was made of the surrounding area and a Job Safety Analysis was completed. A safe area was marked off around the pipeline by Mr. Ryan Kelly of CCI San Juan, LLC as Lower Explosive Limits were high in the initial release area of the pipeline. The Horseshoe Gallup/Aneth 16" Pipeline released hydrocarbon condensate containing material from the pipeline and into the air and soil around the vicinity of the pipeline. The contents of the pipeline were released into the soil within the Eagle Nest Arroyo and flowed approximately 950 feet to the west of the pipeline; see **Appendix B, Site Photography**. The contents of the pipeline were also dispersed into the air, visually covering the Eagle Nest Arroyo Canyon near the pipeline in an approximate area of 13,125 square feet in the south, east, and west directions (**Figure 2, Site Map**). Additionally, hydrocarbon condensate pooled as a result of pigging operations that were being conducted near the rupture of the pipeline that in turn contributed to the contamination of the vegetation and soil. The Eagle Nest Arroyo is a first order tributary to the San Juan River. However the Eagle Nest Arroyo is ephemeral and the impacted area is approximately 10 miles northeast of the river.

CCI San Juan LLC conducted emergency response activities on the pipeline and release area through the implementation of berms and dams within the arroyo to prevent further migration of the contaminated material prior to Envirotech's arrival. Envirotech collected one (1) composite soil sample from the beginning of the release area, as close to the pipeline as deemed safe, and one (1) composite soil sample from the end of the visual contamination within the arroyo (**Figure 3, Sample Location Map**). Both samples were collected into four (4) ounce glass jars, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory for analysis of the constituents listed under the "Standards for Spill Cleanup and Reclamation Ute Mountain Ute Tribe". The sample at the end of the visual contamination returned results below the Ute Mountain Ute (UMU) Tribal Standards for all constituents analyzed. The sample near the pipeline returned results of 13,140 mg/kg for total petroleum hydrocarbons (TPH), 4.53 mg/kg for benzene, 267 mg/kg for total xylene, 0.16 mg/kg for Benzo(A)pyrene, and 43.9 mg/kg for naphthalene, which are all above the UMU Tribal



Standards. All other constituents analyzed were below standards; see **Table 1, Summary of Analytical Results – Initial Assessment**.

#### **August 28, 2014**

Envirotech, Inc. returned on August 28, 2014, to collect an initial soil sample from the blackened hillside and a water sample from heavy precipitation that collected at the berms placed at the end of the release area during initial spill response activities; see **Figure 3, Sample Location Map**. Both samples were collected into proper sampling containers, provided by Envirotech's Analytical Laboratory, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory for analysis of the constituents listed in the "Standards for Spill Clean-up and Reclamation Ute Mountain Ute Tribe". Both samples returned results below the UMU Tribal Standards; see **Table 1, Summary of Analytical Results – Initial Assessment** and **Table 2, Summary of Analytical Results - Water**.

#### **September 15, 2014**

Envirotech, Inc. returned to the site on September 15, 2014, to collect confirmation soil samples from within the arroyo. Prior to Envirotech's arrival, CCI had excavated approximately 2,838 cubic yards of soil from within the arroyo. Contaminated soil was transported to Envirotech's NMOCD permitted hydrocarbon remediation facility, Landfarm #3; see **Appendix C, Bills of Lading**. The arroyo was divided into eight (8) 100-foot sections identified as Section B – Section I. Due to investigations being conducted on the pipeline, it was requested that Envirotech collect closure samples beginning in Section B, as identified within the **Sampling and Remediation Plan** for this release; therefore, there were no closure samples collected in Section A. One (1) composite soil sample was collected from each section (B Composite thru I Composite); see **Figure 3, Sample Location Map**. All soil samples were collected into four (4) ounce glass jars, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory for analysis of the constituents listed in the "Standards for Spill Clean-up and Reclamation Ute Mountain Ute Tribe". All samples returned results below the UMU Tribal Standards; see **Table 3, Summary of Analytical Results – Closure Sampling**.

#### **September 18, 2014**

Envirotech, Inc. returned on September 18, 2014, to treat the impacted hillside with a Micro-Blaze and Simple Green solution. Envirotech personnel used approximately 40 gallons of Micro-Blaze and four (4) gallons of Simple Green mixed with approximately 1,400 gallons of water to treat the impacted hillside. The treatment was applied using a water truck, loader, pump and fire hose to spray the solution along the hillside; see **Appendix B, Site Photography**.

#### **September 26, 2014**

Envirotech, Inc. returned on September 26, 2014, to collect final closure samples from the treated hillside and areas just beyond visual impact. The treated hillside and areas just beyond the visually impacted areas were divided into eleven (11) sections, each approximately 100 ft by



100 ft in area. The sections, identified as Section M thru Section Q and Section S thru Section X, were measured using a measurement wheel; see **Figure 3, Sample Location Map**. Due to investigations being conducted on the pipeline, Envirotech did not collect soil samples from Section J thru Section L and Section R, as identified within the *Sampling and Remediation Plan* for this release. One (1) five (5) point composite sample was collected from within each section. All soil samples were collected into four (4) ounce glass jars, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory for analysis of the constituents listed in the "Standards for Spill Clean-up and Reclamation Ute Mountain Ute Tribe". The sample from Section Q returned a result of 0.026 mg/kg for Benzo(A)pyrene, which is above the 0.022 mg/kg UMU Tribal Standard. All other constituents in Section Q were below UMU Tribal Standards. All other samples returned results below the UMU Tribal Standards; see **Table 3, Summary of Analytical Results – Closure Sampling**.

#### *December 11, 2014*

Envirotech, Inc. returned on December 11, 2014, to collect final closure samples from Section A, Section J thru Section L, Section R, and a re-sample for Section Q as identified within the *Sampling and Remediation Plan* for this release. One (1) five (5) point composite sample was collected within each section. All soil samples were collected into four (4) ounce glass jars, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory for analysis of the constituents listed in the "Standards for Spill Clean-up and Reclamation Ute Mountain Ute Tribe". All six (6) samples returned results below the UMU Tribal Standards; see **Table 3, Summary of Analytical Results – Closure Sampling**.

#### *Best Management Practice (BMP) and Erosion Control*

CCI San Juan LLC oversaw the installation of silt fencing, re-grading of the area to pre-incident conditions, and reseeded with a UTE Mountain UTE prescribed seed mixture. The seed mixture was applied using hydro-seeding techniques with a protective mulch covering. The mulch was set in place using a tackifying resin; see **Appendix B, Site Photography**.

### **SUMMARY AND CONCLUSIONS**

Soil sampling and remediation activities were performed for a release from the Horseshoe Gallup/Aneth 16" Pipeline located in Section 34, Township 31 North, Range 16 West, San Juan County, New Mexico. Approximately 2,838 cubic yards of contaminated soil was removed by CCI San Juan LLC from the arroyo and transported to Envirotech's NMOCD permitted hydrocarbon remediation facility, Landfarm #2. Impacted soil and vegetation was remediated in place with a Micro-Blaze solution, closure samples collected, and the area re-contoured and reseeded to allow for the site to return to pre-incident conditions. Envirotech, Inc. recommends no further action in regards to this incident.



We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,  
**ENVIROTECH, INC.**

Reviewed by:



Sheena Leon,  
Environmental Field Technician  
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Greg Crabtree, PE  
Environmental Manager  
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1. The first map is a vicinity map showing the location of the site relative to the surrounding area. It includes a scale bar and a north arrow.

2. The second map is a site map showing the layout of the site and the location of the sample collection points. It includes a scale bar and a north arrow.

3. The third map is a sample location map showing the specific locations of the sample collection points. It includes a scale bar and a north arrow.

4. The fourth map is a sample location map showing the specific locations of the sample collection points. It includes a scale bar and a north arrow.

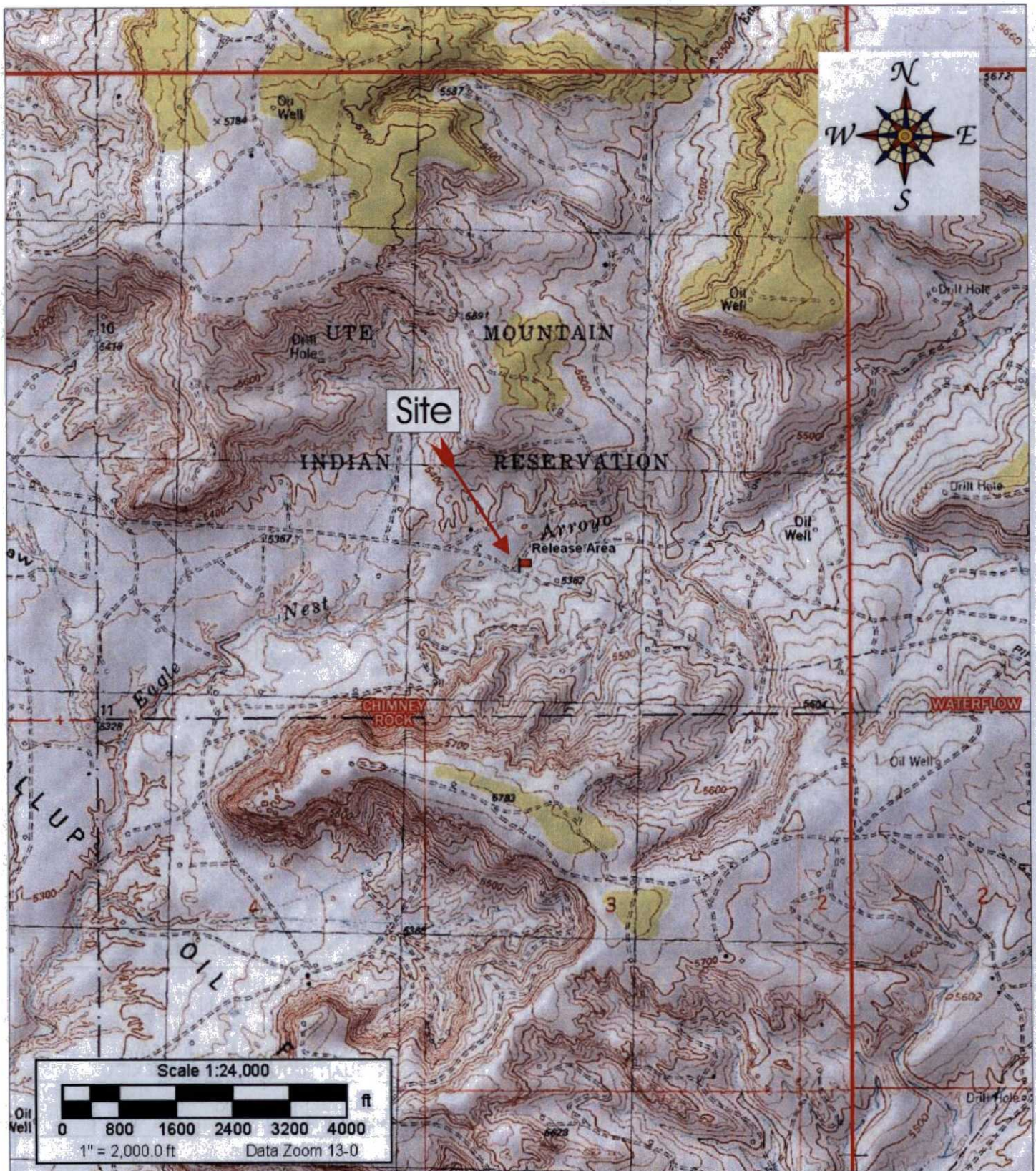
# **FIGURES**

**Figure 1, Vicinity Map**

**Figure 2, Site Map**

**Figure 3, Sample Location Map**





Source: 7.5 Minute, Chimney Rock, New Mexico U.S.G.S. Topographic Quadrangle Map  
 Scale: 1:24,000 1" = 2000'

CCI San Juan, LLC  
 Horseshoe Gallup Pipeline Release  
 Section 34, Township 31N, Range 16W  
 San Juan County, New Mexico

PROJECT Number: 14038-0004 Date Drawn: 9/8/14



5796 U.S. HIGHWAY 64  
 Farmington, New Mexico 87401  
 505.632.0615

Vicinity Map

Figure #1

DRAWN BY:  
 Tiffany McIntosh

PROJECT MANAGER:  
 Greg Crabtree





# LEGEND



Impacted Arroyo



Impacted Hillside

**SITE MAP**  
**CCI SAN JUAN, LLC**  
**ANETH 16" PIPELINE**  
**SEC 34 TWN 31N RNG 16W**  
**SAN JUAN COUNTY, NEW MEXICO**

SCALE: NTS

PROJECT NO14038-0004

FIGURE NO. 2

REV

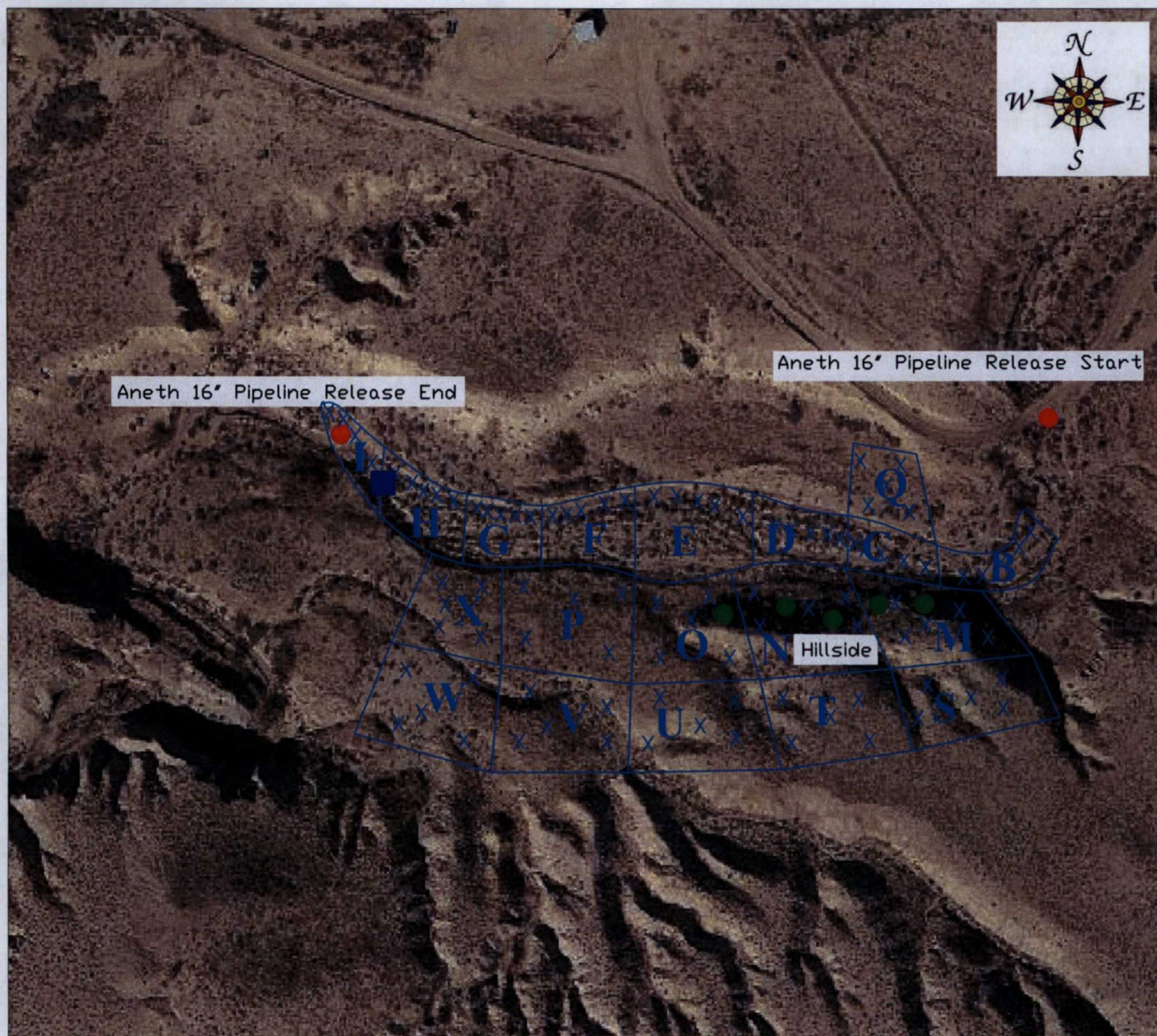
## REVISIONS

| NO.      | DATE | BY      | DESCRIPTION |
|----------|------|---------|-------------|
| MAP DRWN | TLM  | 8/15/14 | BASE DRWN   |

ENVIRONMENTAL SCIENTISTS & ENGINEERS  
**ENVIROTECH**

5796 U.S. HIGHWAY 64, FARMINGTON, NM 87410 505-632-0615





# LEGEND

- Initial Assessment Samples
- Initial Hillside Assessment Samples (8/28/14)
- Water Sample
- X Closure Samples
- Sample Sections

SAMPLE LOCATION MAP  
CCI SAN JUAN, LLC  
ANETH 16" PIPELINE  
SEC 34 TWN 31N RNG 16W  
SAN JUAN COUNTY, NEW MEXICO

|                      |      |              |             |     |  |
|----------------------|------|--------------|-------------|-----|--|
| SCALE: NTS           |      | FIGURE NO. 3 |             | REV |  |
| PROJECT NO14038-0004 |      |              |             |     |  |
| REVISIONS            |      |              |             |     |  |
|                      |      |              |             |     |  |
|                      |      |              |             |     |  |
| NO.                  | DATE | BY           | DESCRIPTION |     |  |
| MAP DRWN             | TLM  | 8/15/14      | BASE DRWN   |     |  |

ENVIRONMENTAL SCIENTISTS & ENGINEERS  
**ENVIROTECH**

5796 U.S. HIGHWAY 64, FARMINGTON, NM 87410 505-632-0615

## **TABLES**

**Table 1, Summary of Analytical Results –  
Initial Assessment**

**Table 2, Summary of Analytical Results –  
Water**

**Table 3, Summary of Analytical Results –  
Closure Sampling**



Table 1, Summary of Analytical Results - Initial Assessment  
CCI San Juan, LLC.  
Horseshoe Gallup Pipeline Release  
Spill Cleanup Report  
Page 1 of 1

| Contaminant of Concern  | Ute Mountain Ute EPA Allowable Levels (SOIL) | Sample Description                 |                                      |                    |
|-------------------------|----------------------------------------------|------------------------------------|--------------------------------------|--------------------|
|                         |                                              | Aneth 6 In. Pipeline End (8/15/14) | Aneth 6 In. Pipeline Start (8/15/14) | Hillside (8/28/14) |
| TPH (USEPA Method 8015) | 500 ppm                                      | < 24.9                             | 13140                                | 178                |
| Benzene                 | 0.17 ppm                                     | < 0.05                             | 4.53                                 | < 0.05             |
| Toluene                 | 85 ppm                                       | < 0.05                             | 71.2                                 | < 0.05             |
| Ethylbenzene            | 100 ppm                                      | < 0.05                             | 31.5                                 | < 0.05             |
| Xylenes (total)         | 175 ppm                                      | < 0.1                              | 267                                  | < 0.1              |
| Acenaphthene            | 1000 ppm                                     | < 0.0065                           | 0.41                                 | < 0.013            |
| Anthracene              | 1000 ppm                                     | < 0.0065                           | 0.16                                 | < 0.013            |
| Benzo(A)anthracene      | 0.22 ppm                                     | < 0.0065                           | < 0.034                              | < 0.013            |
| Benzo(B)fluoranthene    | 0.22 ppm                                     | < 0.0065                           | 0.067                                | < 0.013            |
| Benzo(K)fluoranthene    | 2.2 ppm                                      | < 0.0065                           | < 0.034                              | < 0.013            |
| Benzo(A)pyrene          | 0.022 ppm                                    | < 0.0065                           | 0.16                                 | < 0.013            |
| Chrysene                | 22 ppm                                       | < 0.0065                           | 0.15                                 | < 0.013            |
| Dibenzo(A,H)anthracene  | 0.022 ppm                                    | < 0.0065                           | < 0.034                              | < 0.013            |
| Fluoranthene            | 1000 ppm                                     | < 0.0065                           | 0.045                                | < 0.013            |
| Fluorene                | 1000 ppm                                     | < 0.0065                           | 0.92                                 | < 0.013            |
| Indeno(1,2,3,C,D)pyrene | 0.22 ppm                                     | < 0.0065                           | < 0.034                              | < 0.013            |
| Naphthalene             | 23 ppm                                       | 0.259                              | 43.9                                 | < 0.043            |
| Pyrene                  | 1000 ppm                                     | < 0.0065                           | 0.10                                 | < 0.013            |
| Arsenic                 | 0.39 ppm                                     | < 0.99                             | < 0.96                               | < 0.97             |
| Barium                  | 15000 ppm                                    | 127                                | 75.3                                 | 105                |
| Cadmium                 | 70 ppm                                       | 4.55                               | 4.63                                 | < 0.97             |
| Chromium (III)          | 120000 ppm                                   | 13.5                               | 53.1                                 | 17.4               |
| Copper                  | 3100 ppm                                     | 22.3                               | 114                                  | 12                 |
| Lead                    | 400 ppm                                      | 3.54                               | 7.08                                 | 6.97               |
| Mercury                 | 23 ppm                                       | < 0.99                             | < 0.96                               | < 0.97             |
| Selenium                | 390 ppm                                      | 7.88                               | 15.2                                 | 3.47               |
| Silver                  | 390 ppm                                      | 1.81                               | 2.79                                 | 3.15               |
| Zinc                    | 23000 ppm                                    | 61.2                               | 42.6                                 | 41.1               |
| Boron                   | 2 ppm                                        | < 0.5                              | < 0.5                                | < 0.5              |
| Nickel                  | 1600 ppm                                     | 16.9                               | 24.1                                 | 9.51               |
| pH                      | 6-9                                          | 8.91                               | 8.78                                 | 7.92               |
| Sodium Absorption Ratio | <12 <sup>5</sup>                             | 0.539                              | 0.951                                | 0.525              |
| Electrical Conductivity | <4 mmhos/cm                                  | 0.287                              | 0.449                                | 0.579              |
| Total Dissolved Solids  | N/A                                          | 91.9                               | 88.0                                 | NS                 |
| Chloride                | N/A                                          | NS                                 | NS                                   | NS                 |
| Sulfate                 | N/A                                          | NS                                 | NS                                   | NS                 |

\* **BOLD** - Parameter above Ute Mountain Ute EPA regulatory limit

Table 2, Summary of Analytical Results - Water  
 CCI San Juan River, LLC.  
 Horseshoe Gallup Pipeline Release  
 Spill Cleanup Report  
 Page 1 of 1

| Contaminant of Concern | Ute Mountain Ute EPA<br>Allowable Levels (GROUND<br>WATER) | Sample<br>Description |
|------------------------|------------------------------------------------------------|-----------------------|
|                        |                                                            | Water in Wash         |
| Benzene                | 0.005 ppm                                                  | < 0.005               |
| Toluene                | 0.5 - 1.0 ppm                                              | < 0.005               |
| Ethylbenzene           | 0.7 ppm                                                    | < 0.005               |
| Xylenes (total)        | 1.4 - 10.0 ppm                                             | < 0.005               |
| Total Dissolved Solids | < 1.25 x background                                        | 160                   |
| Chloride               | < 1.25 x background                                        | 3.24                  |
| Sulfate                | < 1.25 x background                                        | 39.3                  |



Table 3, Summary of Analytical Results - Closure Sampling  
CCI San Juan River, LLC.  
Horseshoe Gallup Pipeline Release  
Spill Cleanup Report  
Page 1 of 3

| Contaminant of Concern  | Ute Mountain Ute<br>EPA Allowable<br>Levels (SOIL) | Sample Description       |                          |                          |                          |                          |                          |                          |                          |
|-------------------------|----------------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                         |                                                    | B Composite<br>(9/15/14) | C Composite<br>(9/15/14) | D Composite<br>(9/15/14) | E Composite<br>(9/15/14) | F Composite<br>(9/15/14) | G Composite<br>(9/15/14) | H Composite<br>(9/15/14) | I Composite<br>(9/15/14) |
| TPH (USEPA Method 8015) | 500 ppm                                            | <25.0                    | <24.9                    | <25.0                    | 88.3                     | 84.6                     | 213.24                   | 81.3                     | <25                      |
| Benzene                 | 0.17 ppm                                           | <0.05                    | <0.05                    | <0.05                    | <0.05                    | <0.05                    | <0.05                    | <0.05                    | <0.05                    |
| Toluene                 | 85 ppm                                             | <0.05                    | <0.05                    | <0.05                    | <0.05                    | <0.05                    | <0.05                    | <0.05                    | <0.05                    |
| Ethylbenzene            | 100 ppm                                            | <0.05                    | <0.05                    | <0.05                    | <0.05                    | <0.05                    | <0.05                    | <0.05                    | <0.05                    |
| Xylenes (total)         | 175 ppm                                            | <0.10                    | <0.10                    | <0.10                    | 0.24                     | 0.29                     | 0.26                     | <0.10                    | <0.10                    |
| Acenaphthene            | 1000 ppm                                           | <0.0068                  | <0.0074                  | <0.0067                  | <0.0064                  | <0.0077                  | <0.0084                  | <0.0081                  | <0.0066                  |
| Anthracene              | 1000 ppm                                           | <0.0068                  | <0.0074                  | <0.0067                  | <0.0064                  | <0.0077                  | <0.0084                  | <0.0081                  | <0.0066                  |
| Benzo(A)anthracene      | 0.22 ppm                                           | <0.0068                  | <0.0074                  | <0.0067                  | <0.0064                  | 0.0078                   | 0.011                    | <0.0081                  | 0.0075                   |
| Benzo(B)fluoranthene    | 0.22 ppm                                           | <0.0068                  | <0.0074                  | <0.0067                  | <0.0064                  | <0.0077                  | <0.0084                  | <0.0081                  | <0.0066                  |
| Benzo(K)fluoranthene    | 2.2 ppm                                            | <0.0068                  | <0.0074                  | <0.0067                  | <0.0064                  | <0.0077                  | <0.0084                  | <0.0081                  | <0.0066                  |
| Benzo(A)pyrene          | 0.022 ppm                                          | <0.0068                  | <0.0074                  | <0.0067                  | <0.0064                  | <0.0077                  | <0.0084                  | <0.0081                  | <0.0066                  |
| Chrysene                | 22 ppm                                             | <0.0068                  | <0.0074                  | <0.0067                  | <0.0064                  | <0.0077                  | <0.0084                  | <0.0081                  | <0.0066                  |
| Dibenzo(A,H)anthracene  | 0.022 ppm                                          | <0.0068                  | <0.0074                  | <0.0067                  | <0.0064                  | <0.0077                  | <0.0084                  | <0.0081                  | <0.0066                  |
| Fluoranthene            | 1000 ppm                                           | <0.0068                  | <0.0074                  | <0.0067                  | <0.0064                  | 0.014                    | 0.02                     | <0.0081                  | 0.012                    |
| Fluorene                | 1000 ppm                                           | <0.0068                  | <0.0074                  | <0.0067                  | <0.0064                  | <0.0077                  | <0.0084                  | <0.0081                  | <0.0066                  |
| Indeno(1,2,3-C,D)pyrene | 0.22 ppm                                           | <0.0068                  | <0.0074                  | <0.0067                  | <0.0064                  | <0.0077                  | <0.0084                  | <0.0081                  | <0.0066                  |
| Naphthalene             | 23 ppm                                             | <0.022                   | <0.025                   | <0.022                   | <0.021                   | <0.026                   | <0.0084                  | <0.027                   | <0.022                   |
| Pyrene                  | 1000 ppm                                           | <0.0068                  | <0.0074                  | <0.0067                  | <0.0064                  | 0.010                    | 0.011                    | <0.0081                  | 0.0089                   |

\* **BOLD** - Parameter Above Ute Mountain Ute EPA regulatory limit

Table 3, Summary of Analytical Results - Closure Sampling  
CCI San Juan River, LLC.  
Horseshoe Gallup Pipeline Release  
Spill Cleanup Report  
Page 2 of 3

| Contaminant of Concern  | Ute Mountain Ute<br>EPA Allowable<br>Levels (SOL) | Sample Description     |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |
|-------------------------|---------------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
|                         |                                                   | Section M<br>(9/26/14) | Section N<br>(9/26/14) | Section O<br>(9/26/14) | Section P<br>(9/26/14) | Section Q<br>(9/26/14) | Section S<br>(9/26/14) | Section T<br>(9/26/14) | Section U<br>(9/26/14) | Section V<br>(9/26/14) | Section W<br>(9/26/14) | Section X<br>(9/26/14) |
| TPH (USEPA Method 8015) | 500 ppm                                           | 66.1                   | 31.6                   | < 39.99                | < 39.99                | < 39.98                | < 40.00                | < 39.98                | < 39.99                | < 40.00                | < 40.00                | < 39.99                |
| Benzene                 | 0.17 ppm                                          | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 |
| Toluene                 | 85 ppm                                            | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 |
| Ethylbenzene            | 100 ppm                                           | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 | < 0.10                 |
| Xylenes (total)         | 175 ppm                                           | 0.12                   | < 0.20                 | < 0.20                 | < 0.20                 | < 0.20                 | < 0.20                 | < 0.20                 | < 0.20                 | < 0.20                 | < 0.20                 | < 0.20                 |
| Acenaphthene            | 1000 ppm                                          | < 0.0071               | < 0.0073               | < 0.0079               | < 0.0076               | < 0.0072               | < 0.0073               | < 0.0063               | < 0.0063               | < 0.0067               | < 0.0065               | < 0.0068               |
| Anthracene              | 1000 ppm                                          | < 0.0071               | < 0.0073               | < 0.0079               | < 0.0076               | 0.0095                 | < 0.0073               | < 0.0063               | < 0.0063               | < 0.0067               | < 0.0065               | < 0.0068               |
| Benzo(A)anthracene      | 0.22 ppm                                          | < 0.0071               | < 0.0073               | < 0.0079               | < 0.0076               | 0.026                  | < 0.0073               | < 0.0063               | < 0.0063               | < 0.0067               | < 0.0065               | < 0.0068               |
| Benzo(B)fluoranthene    | 0.22 ppm                                          | < 0.0071               | < 0.0073               | < 0.0079               | < 0.0076               | 0.032                  | < 0.0073               | < 0.0063               | < 0.0063               | < 0.0067               | < 0.0065               | < 0.0068               |
| Benzo(K)fluoranthene    | 2.2 ppm                                           | < 0.0071               | < 0.0073               | < 0.0079               | < 0.0076               | 0.011                  | < 0.0073               | < 0.0063               | < 0.0063               | < 0.0067               | < 0.0065               | < 0.0068               |
| Benzo(A)pyrene          | 0.022 ppm                                         | < 0.0071               | < 0.0073               | < 0.0079               | < 0.0076               | 0.026                  | < 0.0073               | < 0.0063               | < 0.0063               | < 0.0067               | < 0.0065               | < 0.0068               |
| Chrysene                | 22 ppm                                            | < 0.0071               | < 0.0073               | < 0.0079               | < 0.0076               | 0.029                  | < 0.0073               | < 0.0063               | < 0.0063               | < 0.0067               | < 0.0065               | < 0.0068               |
| Dibenzo(A,H)anthracene  | 0.022 ppm                                         | < 0.0071               | < 0.0073               | < 0.0079               | < 0.0076               | < 0.0072               | < 0.0073               | < 0.0063               | < 0.0063               | < 0.0067               | < 0.0065               | < 0.0068               |
| Fluoranthene            | 1000 ppm                                          | < 0.0071               | < 0.0073               | < 0.0079               | < 0.0076               | 0.05                   | < 0.0073               | < 0.0063               | < 0.0063               | < 0.0067               | < 0.0065               | < 0.0068               |
| Fluorene                | 1000 ppm                                          | < 0.0071               | < 0.0073               | < 0.0079               | < 0.0076               | < 0.0072               | < 0.0073               | < 0.0063               | < 0.0063               | < 0.0067               | < 0.0065               | < 0.0068               |
| Indeno(1,2,3,C,D)pyrene | 0.22 ppm                                          | < 0.0071               | < 0.0073               | < 0.0079               | < 0.0076               | 0.013                  | < 0.0073               | < 0.0063               | < 0.0063               | < 0.0067               | < 0.0065               | < 0.0068               |
| Naphthalene             | 23 ppm                                            | < 0.024                | < 0.024                | < 0.026                | < 0.025                | < 0.024                | < 0.024                | < 0.021                | < 0.021                | < 0.022                | < 0.022                | < 0.022                |
| Pyrene                  | 1000 ppm                                          | < 0.0071               | < 0.0073               | < 0.0079               | < 0.0076               | 0.048                  | < 0.0073               | < 0.0063               | < 0.0063               | < 0.0067               | < 0.0065               | < 0.0068               |

\* **BOLD** - Parameter Above Ute Mountain Ute EPA regulatory limit



Table 3, Summary of Analytical Results - Closure Sampling  
CCI San Juan River, LLC,  
Horseshoe Gallup Pipeline Release  
Spill Cleanup Report  
Page 3 of 3

| Contaminant of Concern  | Ute Mountain Ute<br>EPA Allowable<br>Levels (SOIL) | Sample Description        |                           |                             |                           |                           |                                       |
|-------------------------|----------------------------------------------------|---------------------------|---------------------------|-----------------------------|---------------------------|---------------------------|---------------------------------------|
|                         |                                                    | A composite<br>(12/11/14) | J Composite<br>(12/11/14) | K Composite<br>(12/11/2014) | L Composite<br>(12/11/14) | R Composite<br>(12/11/14) | Q Composite<br>(12/11/14)<br>Resample |
| TPH (USEPA Method 8015) | 500 ppm                                            | <39.99                    | <34.98                    | <44.99                      | <34.98                    | <34.89                    | NS                                    |
| Benzene                 | 0.17 ppm                                           | <0.10                     | <0.10                     | <0.10                       | <0.10                     | <0.10                     | NS                                    |
| Toluene                 | 85 ppm                                             | <0.10                     | <0.10                     | <0.10                       | <0.10                     | <0.10                     | NS                                    |
| Ethylbenzene            | 100 ppm                                            | <0.10                     | <0.10                     | <0.10                       | <0.10                     | <0.10                     | NS                                    |
| Xylenes (total)         | 175 ppm                                            | <0.20                     | <0.20                     | <0.20                       | <0.20                     | <0.20                     | NS                                    |
| Acenaphthene            | 1000 ppm                                           | <0.038                    | <0.041                    | <0.038                      | <0.037                    | <0.040                    | <0.040                                |
| Anthracene              | 1000 ppm                                           | <0.038                    | <0.041                    | <0.038                      | <0.037                    | <0.040                    | <0.040                                |
| Benzo(A)anthracene      | 0.22 ppm                                           | <0.038                    | <0.041                    | <0.038                      | <0.037                    | <0.040                    | <0.040                                |
| Benzo(B)fluoranthene    | 0.22 ppm                                           | <0.038                    | <0.041                    | <0.038                      | <0.037                    | <0.040                    | <0.040                                |
| Benzo(K)fluoranthene    | 2.2 ppm                                            | <0.038                    | <0.041                    | <0.038                      | <0.037                    | <0.040                    | <0.040                                |
| Benzo(A)pyrene          | 0.022 ppm                                          | <0.038                    | <0.041                    | <0.038                      | <0.037                    | <0.040                    | <0.040                                |
| Chrysene                | 22 ppm                                             | <0.038                    | <0.041                    | <0.038                      | <0.037                    | <0.040                    | <0.040                                |
| Dibenzo(A,H)anthracene  | 0.022 ppm                                          | <0.038                    | <0.041                    | <0.038                      | <0.037                    | <0.040                    | <0.040                                |
| Fluoranthene            | 1000 ppm                                           | <0.038                    | <0.041                    | <0.038                      | <0.037                    | <0.040                    | <0.040                                |
| Fluorene                | 1000 ppm                                           | <0.038                    | <0.041                    | <0.038                      | <0.037                    | <0.040                    | <0.040                                |
| Indeno(1,2,3,C,D)pyrene | 0.22 ppm                                           | <0.038                    | <0.041                    | <0.038                      | <0.037                    | <0.040                    | <0.040                                |
| Naphthalene             | 23 ppm                                             | <0.038                    | <0.041                    | <0.038                      | <0.037                    | <0.040                    | <0.040                                |
| Pyrene                  | 1000 ppm                                           | <0.038                    | <0.041                    | <0.038                      | <0.037                    | <0.040                    | <0.040                                |

\* **BOLD** - Parameter Above Ute Mountain Ute EPA regulatory limit

\* **NS** - Not Sampled

## **APPENDIX A**

### **Analytical Results**





## Analytical Report

### Report Summary

Client: CCI, LLC

Chain Of Custody Number: 17335

Samples Received: 8/15/2014 2:30:00PM

Job Number: 14038-0004

Work Order: P408063

Project Name/Location: Aneth 16 in Pipeline

Entire Report Reviewed By:

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

Tim Cain, Laboratory Manager

Date: 8/21/14

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Aneth 16 in Pipeline  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
21-Aug-14 09:49

### Analytical Report for Samples

| Client Sample ID          | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|---------------------------|---------------|--------|----------|----------|------------------|
| Aneth 6 in Pipeline End   | P408063-01A   | Soil   | 08/15/14 | 08/15/14 | Glass Jar, 4 oz. |
|                           | P408063-01B   | Soil   | 08/15/14 | 08/15/14 | Glass Jar, 4 oz. |
| Aneth 6 in Pipeline Start | P408063-02A   | Soil   | 08/15/14 | 08/15/14 | Glass Jar, 4 oz. |
|                           | P408063-02B   | Soil   | 08/15/14 | 08/15/14 | Glass Jar, 4 oz. |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Aneth 16 in Pipeline  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
21-Aug-14 09:49

**Aneth 6 in Pipeline End  
P408063-01 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.05            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.05            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.05            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.10            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.05            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.05            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.05            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| Surrogate: 1,3-Dichlorobenzene         |        | 100 %           |       | 50-150   | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| Surrogate: Bromochlorobenzene          |        | 105 %           |       | 50-150   | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 4.90            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 24.9            | mg/kg | 1        | 1433040 | 08/16/14 | 08/16/14 | EPA 8015D |       |
| Surrogate: Benzo[a]pyrene              |        | 102 %           |       | 50-200   | 1433040 | 08/16/14 | 08/16/14 | EPA 8015D |       |
| <b>Total Metals by 6010</b>            |        |                 |       |          |         |          |          |           |       |
| Arsenic                                | ND     | 0.99            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Barium                                 | 127    | 4.97            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Cadmium                                | 4.55   | 0.99            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Chromium                               | 13.5   | 0.99            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Copper                                 | 22.3   | 0.99            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Lead                                   | 3.54   | 0.99            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Mercury                                | ND     | 0.99            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Nickel                                 | 16.9   | 0.99            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Selenium                               | 7.88   | 0.99            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Silver                                 | 1.81   | 0.99            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Zinc                                   | 61.2   | 0.99            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |

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no 010114

|                    |                  |                      |                 |
|--------------------|------------------|----------------------|-----------------|
| CCI, LLC           | Project Name:    | Aneth 16 in Pipeline | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004           | 21-Aug-14 09:49 |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight        |                 |

**Aneth 6 in Pipeline End**  
**P408063-01 (Solid)**

| Analyte                                    | Result | Reporting Limit | Units    | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|--------------------------------------------|--------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| <b>Cation/Anion Analysis</b>               |        |                 |          |          |         |          |          |           |       |
| pH @20°C                                   | 8.91   |                 | pH Units | 1        | 1433036 | 08/16/14 | 08/16/14 | EPA 9045D |       |
| Electrical Conductivity                    | 287    |                 | umhos/cm | 1        | 1433036 | 08/16/14 | 08/16/14 | EPA 120.1 |       |
| Sodium Absorption Ratio                    | 0.539  |                 | N/A      | 1        | 1434009 | 08/18/14 | 08/18/14 | [CALC]    |       |
| Calcium                                    | 10.8   | 0.01            | mg/L     | 1        | 1434005 | 08/18/14 | 08/18/14 | EPA 6010C |       |
| Magnesium                                  | 5.37   | 0.01            | mg/L     | 1        | 1434005 | 08/18/14 | 08/18/14 | EPA 6010C |       |
| Sodium                                     | 8.68   | 0.01            | mg/L     | 1        | 1434005 | 08/18/14 | 08/18/14 | EPA 6010C |       |
| <b>Boron-Hot Water Soluble by EPA 6010</b> |        |                 |          |          |         |          |          |           |       |
| Boron                                      | ND     | 0.50            | mg/L     | 1        | 1434004 | 08/18/14 | 08/18/14 | EPA 6010C |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Aneth 16 in Pipeline  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
21-Aug-14 09:49

**Aneth 6 in Pipeline Start**  
**P408063-02 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | 4.53   | 0.05            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| Toluene                                | 71.2   | 0.05            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| Ethylbenzene                           | 31.5   | 0.05            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| p,m-Xylene                             | 198    | 0.10            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| o-Xylene                               | 69.6   | 0.05            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| Total Xylenes                          | 267    | 0.05            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| Total BTEX                             | 375    | 0.05            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B |       |
| Surrogate: Bromochlorobenzene          |        | 261 %           |       | 50-150   | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B | S-02  |
| Surrogate: 1,3-Dichlorobenzene         |        | 473 %           |       | 50-150   | 1433039 | 08/16/14 | 08/16/14 | EPA 8021B | S-02  |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | 2340   | 4.96            | mg/kg | 1        | 1433039 | 08/16/14 | 08/16/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | 10800  | 49.9            | mg/kg | 2        | 1433040 | 08/16/14 | 08/16/14 | EPA 8015D |       |
| Surrogate: Benzo[a]pyrene              |        | 137 %           |       | 50-200   | 1433040 | 08/16/14 | 08/16/14 | EPA 8015D |       |
| <b>Total Metals by 6010</b>            |        |                 |       |          |         |          |          |           |       |
| Arsenic                                | ND     | 0.96            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Barium                                 | 75.3   | 4.81            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Cadmium                                | 4.63   | 0.96            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Chromium                               | 53.1   | 0.96            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Copper                                 | 114    | 0.96            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Lead                                   | 7.08   | 0.96            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Mercury                                | ND     | 0.96            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Nickel                                 | 24.1   | 0.96            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Selenium                               | 15.2   | 0.96            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Silver                                 | 2.79   | 0.96            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |
| Zinc                                   | 42.6   | 0.96            | mg/kg | 1        | 1433043 | 08/16/14 | 08/18/14 | EPA 6010C |       |

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derivative  
2010/08/14 09:49

CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Aneth 16 in Pipeline  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
21-Aug-14 09:49

**Aneth 6 in Pipeline Start**  
**P408063-02 (Solid)**

| Analyte                             | Result | Reporting |          | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-------------------------------------|--------|-----------|----------|-------|----------|---------|----------|----------|-----------|-------|
|                                     |        | Limit     |          |       |          |         |          |          |           |       |
| Cation/Anion Analysis               |        |           |          |       |          |         |          |          |           |       |
| pH @20.4°C                          | 8.78   |           | pH Units | 1     |          | 1433036 | 08/16/14 | 08/16/14 | EPA 9045D |       |
| Electrical Conductivity             | 449    |           | umhos/cm | 1     |          | 1433036 | 08/16/14 | 08/16/14 | EPA 120.1 |       |
| Sodium Absorption Ratio             | 0.951  |           | N/A      | 1     |          | 1434009 | 08/18/14 | 08/18/14 | [CALC]    |       |
| Calcium                             | 6.18   | 0.01      | mg/L     | 1     |          | 1434005 | 08/18/14 | 08/18/14 | EPA 6010C |       |
| Magnesium                           | 2.30   | 0.01      | mg/L     | 1     |          | 1434005 | 08/18/14 | 08/18/14 | EPA 6010C |       |
| Sodium                              | 10.9   | 0.01      | mg/L     | 1     |          | 1434005 | 08/18/14 | 08/18/14 | EPA 6010C |       |
| Boron-Hot Water Soluble by EPA 6010 |        |           |          |       |          |         |          |          |           |       |
| Boron                               | ND     | 0.50      | mg/L     | 1     |          | 1434004 | 08/18/14 | 08/18/14 | EPA 6010C |       |

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Project Name: Aneth 16 in Pipeline  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
21-Aug-14 09:49

### Volatile Organics by EPA 8021 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 1433039 - Purge and Trap EPA 5030A

##### Blank (1433039-BLK1)

Prepared & Analyzed: 16-Aug-14

|                                |      |      |       |      |  |      |        |  |  |  |
|--------------------------------|------|------|-------|------|--|------|--------|--|--|--|
| Benzene                        | ND   | 0.05 | mg/kg |      |  |      |        |  |  |  |
| Toluene                        | ND   | 0.05 | "     |      |  |      |        |  |  |  |
| Ethylbenzene                   | ND   | 0.05 | "     |      |  |      |        |  |  |  |
| p,m-Xylene                     | ND   | 0.10 | "     |      |  |      |        |  |  |  |
| o-Xylene                       | ND   | 0.05 | "     |      |  |      |        |  |  |  |
| Total Xylenes                  | ND   | 0.05 | "     |      |  |      |        |  |  |  |
| Total BTEX                     | ND   | 0.05 | "     |      |  |      |        |  |  |  |
| Surrogate: 1,3-Dichlorobenzene | 48.4 |      | ug/L  | 50.0 |  | 96.8 | 50-150 |  |  |  |
| Surrogate: Bromochlorobenzene  | 47.9 |      | "     | 50.0 |  | 95.7 | 50-150 |  |  |  |

##### Duplicate (1433039-DUP1)

Source: P408062-01

Prepared & Analyzed: 16-Aug-14

|                                |      |      |       |      |    |      |        |  |    |  |
|--------------------------------|------|------|-------|------|----|------|--------|--|----|--|
| Benzene                        | ND   | 0.05 | mg/kg |      | ND |      |        |  | 30 |  |
| Toluene                        | ND   | 0.05 | "     |      | ND |      |        |  | 30 |  |
| Ethylbenzene                   | ND   | 0.05 | "     |      | ND |      |        |  | 30 |  |
| p,m-Xylene                     | ND   | 0.10 | "     |      | ND |      |        |  | 30 |  |
| o-Xylene                       | ND   | 0.05 | "     |      | ND |      |        |  | 30 |  |
| Surrogate: 1,3-Dichlorobenzene | 49.8 |      | ug/L  | 50.0 |    | 99.7 | 50-150 |  |    |  |
| Surrogate: Bromochlorobenzene  | 49.9 |      | "     | 50.0 |    | 99.9 | 50-150 |  |    |  |

##### Matrix Spike (1433039-MS1)

Source: P408062-01

Prepared & Analyzed: 16-Aug-14

|                                |      |  |      |      |    |      |        |  |  |  |
|--------------------------------|------|--|------|------|----|------|--------|--|--|--|
| Benzene                        | 42.4 |  | ug/L | 50.0 | ND | 84.8 | 39-150 |  |  |  |
| Toluene                        | 44.7 |  | "    | 50.0 | ND | 89.5 | 46-148 |  |  |  |
| Ethylbenzene                   | 44.6 |  | "    | 50.0 | ND | 89.2 | 32-160 |  |  |  |
| p,m-Xylene                     | 89.4 |  | "    | 100  | ND | 89.4 | 46-148 |  |  |  |
| o-Xylene                       | 44.9 |  | "    | 50.0 | ND | 89.8 | 46-148 |  |  |  |
| Surrogate: 1,3-Dichlorobenzene | 48.9 |  | "    | 50.0 |    | 97.8 | 50-150 |  |  |  |
| Surrogate: Bromochlorobenzene  | 49.7 |  | "    | 50.0 |    | 99.3 | 50-150 |  |  |  |

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PO Box 70  
Kirtland NM, 87417

Project Name: Aneth 16 in Pipeline  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
21-Aug-14 09:49

**Nonhalogenated Organics by 8015 - Quality Control**

**Envirotech Analytical Laboratory**

| Analyte                                         | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD    | RPD<br>Limit | Notes                                                |
|-------------------------------------------------|--------|--------------------|-------|----------------|------------------|----------------|--------|--------------|------------------------------------------------------|
| <b>Batch 1433039 - Purge and Trap EPA 5030A</b> |        |                    |       |                |                  |                |        |              |                                                      |
| <b>Blank (1433039-BLK1)</b>                     |        |                    |       |                |                  |                |        |              |                                                      |
| Gasoline Range Organics (C6-C10)                | ND     | 4.98               | mg/kg |                |                  |                |        |              | Prepared & Analyzed: 16-Aug-14                       |
| <b>Duplicate (1433039-DUP1)</b>                 |        |                    |       |                |                  |                |        |              |                                                      |
| Gasoline Range Organics (C6-C10)                | ND     | 4.95               | mg/kg |                | ND               |                |        | 30           | Source: P408062-01<br>Prepared & Analyzed: 16-Aug-14 |
| <b>Matrix Spike (1433039-MS1)</b>               |        |                    |       |                |                  |                |        |              |                                                      |
| Gasoline Range Organics (C6-C10)                | 0.43   |                    | mg/L  | 0.450          | ND               | 96.0           | 75-125 |              | Source: P408062-01<br>Prepared & Analyzed: 16-Aug-14 |

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Project Name: Aneth 16 in Pipeline

Project Number: 14038-0004

Project Manager: Toni McKnight

Reported:

21-Aug-14 09:49

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte                                         | Result | Reporting Limit | Units | Spike Level | Source Result                                     | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|-------------------------------------------------|--------|-----------------|-------|-------------|---------------------------------------------------|------|-------------|------|-----------|-------|
| <b>Batch 1433040 - DRO Extraction EPA 3550M</b> |        |                 |       |             |                                                   |      |             |      |           |       |
| <b>Blank (1433040-BLK1)</b>                     |        |                 |       |             |                                                   |      |             |      |           |       |
|                                                 |        |                 |       |             | Prepared & Analyzed: 16-Aug-14                    |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | ND     | 24.6            | mg/kg |             |                                                   |      |             |      |           |       |
| Surrogate: Benzo[a]pyrene                       | 24.3   |                 | "     | 19.7        |                                                   | 123  | 50-200      |      |           |       |
| <b>LCS (1433040-BS1)</b>                        |        |                 |       |             |                                                   |      |             |      |           |       |
|                                                 |        |                 |       |             | Prepared & Analyzed: 16-Aug-14                    |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 684    | 24.5            | mg/kg | 491         |                                                   | 139  | 38-132      |      |           | SPK1  |
| Surrogate: Benzo[a]pyrene                       | 27.7   |                 | "     | 19.6        |                                                   | 141  | 50-200      |      |           |       |
| <b>Matrix Spike (1433040-MS1)</b>               |        |                 |       |             |                                                   |      |             |      |           |       |
|                                                 |        |                 |       |             | Source: P408062-01 Prepared & Analyzed: 16-Aug-14 |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 678    | 24.8            | mg/kg | 495         | ND                                                | 137  | 38-132      |      |           | SPK1  |
| Surrogate: Benzo[a]pyrene                       | 28.5   |                 | "     | 19.8        |                                                   | 144  | 50-200      |      |           |       |
| <b>Matrix Spike Dup (1433040-MSD1)</b>          |        |                 |       |             |                                                   |      |             |      |           |       |
|                                                 |        |                 |       |             | Source: P408062-01 Prepared & Analyzed: 16-Aug-14 |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 545    | 24.8            | mg/kg | 497         | ND                                                | 110  | 38-132      | 21.7 | 20        | RPD   |
| Surrogate: Benzo[a]pyrene                       | 22.5   |                 | "     | 19.9        |                                                   | 113  | 50-200      |      |           |       |

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Project Name: Aneth 16 in Pipeline  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
21-Aug-14 09:49

### Total Metals by 6010 - Quality Control

### Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 1433043 - Metal Solid Digestion EPA 3051A

##### Blank (1433043-BLK1)

Prepared: 16-Aug-14 Analyzed: 18-Aug-14

|          |    |      |       |
|----------|----|------|-------|
| Arsenic  | ND | 1.00 | mg/kg |
| Barium   | ND | 5.00 | "     |
| Cadmium  | ND | 1.00 | "     |
| Chromium | ND | 1.00 | "     |
| Copper   | ND | 1.00 | "     |
| Lead     | ND | 1.00 | "     |
| Mercury  | ND | 1.00 | "     |
| Nickel   | ND | 1.00 | "     |
| Selenium | ND | 1.00 | "     |
| Silver   | ND | 1.00 | "     |
| Zinc     | ND | 1.00 | "     |

##### Duplicate (1433043-DUP1)

Source: P408063-01

Prepared: 16-Aug-14 Analyzed: 18-Aug-14

|          |      |      |       |      |  |      |    |
|----------|------|------|-------|------|--|------|----|
| Arsenic  | ND   | 0.97 | mg/kg | ND   |  |      | 30 |
| Barium   | 148  | 4.83 | "     | 127  |  | 15.0 | 30 |
| Cadmium  | 3.38 | 0.97 | "     | 4.55 |  | 29.5 | 30 |
| Chromium | 11.5 | 0.97 | "     | 13.5 |  | 16.1 | 30 |
| Copper   | 19.1 | 0.97 | "     | 22.3 |  | 15.6 | 30 |
| Lead     | 11.3 | 0.97 | "     | 3.54 |  | 105  | 30 |
| Mercury  | ND   | 0.97 | "     | ND   |  |      | 30 |
| Nickel   | 13.5 | 0.97 | "     | 16.9 |  | 22.4 | 30 |
| Selenium | 9.73 | 0.97 | "     | 7.88 |  | 21.0 | 30 |
| Silver   | 8.46 | 0.97 | "     | 1.81 |  | 130  | 30 |
| Zinc     | 57.6 | 0.97 | "     | 61.2 |  | 5.96 | 30 |

##### Matrix Spike (1433043-MS1)

Source: P408063-01

Prepared: 16-Aug-14 Analyzed: 18-Aug-14

|          |      |      |       |       |      |        |
|----------|------|------|-------|-------|------|--------|
| Arsenic  | 0.14 | mg/L | 0.250 | -0.08 | 88.1 | 75-125 |
| Barium   | 6.63 | "    | 5.00  | 1.22  | 108  | 75-125 |
| Cadmium  | 0.26 | "    | 0.250 | 0.04  | 87.2 | 75-125 |
| Chromium | 0.57 | "    | 0.500 | 0.13  | 88.1 | 75-125 |
| Copper   | 0.61 | "    | 0.500 | 0.21  | 78.4 | 75-125 |
| Lead     | 0.55 | "    | 0.500 | 0.03  | 104  | 75-125 |
| Mercury  | 0.09 | "    | 0.100 | 0.004 | 84.3 | 75-125 |
| Nickel   | 0.00 | "    | 0.500 | 0.16  | NR   | 75-125 |
| Selenium | 0.18 | "    | 0.100 | 0.08  | 103  | 75-125 |
| Silver   | 0.08 | "    | 0.100 | 0.02  | 59.3 | 75-125 |
| Zinc     | 1.01 | "    | 0.500 | 0.58  | 84.9 | 75-125 |

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Project Name: Aneth 16 in Pipeline  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
21-Aug-14 09:49

**Boron-Hot Water Soluble by EPA 6010 - Quality Control**

**Envirotech Analytical Laboratory**

| Analyte                                           | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes                                             |
|---------------------------------------------------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|---------------------------------------------------|
| <b>Batch 1434004 - Boron HW Soluble Digestion</b> |        |                    |       |                |                  |      |                |     |              |                                                   |
| <b>Blank (1434004-BLK1)</b>                       |        |                    |       |                |                  |      |                |     |              |                                                   |
| Boron                                             | ND     | 0.50               | mg/L  |                |                  |      |                |     |              | Prepared & Analyzed: 18-Aug-14                    |
| <b>Duplicate (1434004-DUP1)</b>                   |        |                    |       |                |                  |      |                |     |              |                                                   |
| Boron                                             | ND     | 0.50               | mg/L  |                | ND               |      |                |     | 30           | Source: P408067-02 Prepared & Analyzed: 18-Aug-14 |
| <b>Matrix Spike (1434004-MS1)</b>                 |        |                    |       |                |                  |      |                |     |              |                                                   |
| Boron                                             | 0.55   |                    | mg/L  | 0.500          | 0.03             | 104  | 75-125         |     |              | Source: P408067-02 Prepared & Analyzed: 18-Aug-14 |

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Project Name: Aneth 16 in Pipeline  
Project Number: 14038-0004  
Project Manager: Toni McKnight

**Reported:**  
21-Aug-14 09:49

#### Notes and Definitions

SPK1 The spike recovery for this QC sample is outside of control limits.

S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

RPD Sample/Duplicate or Matrix Spike/Matrix Spike Duplicate combination, Relative Percent Difference exceeded 30%.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

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\*Rush\*

# CHAIN OF CUSTODY RECORD

17335

| Client:<br><b>CCI, Inc</b>                                                                                                                                              |             |             | Project Name / Location:<br><b>Aneth 16 in Pipeline</b> |                          |                          | ANALYSIS / PARAMETERS |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|---------------------------------------------------------|--------------------------|--------------------------|-----------------------|--------------------|-------------------|---------------|----------------|-----|---------------|----------------|-------------|---------------------|-------|--|-------------|---------------|
| Email results to:                                                                                                                                                       |             |             | Sampler Name:<br><b>T. McKnight</b>                     |                          |                          | TPH (Method 8015)     | BTEX (Method 8021) | VOC (Method 8260) | RCRA 8 Metals | Cation / Anion | RCI | TCLP with H/P | CO Table 910-1 | TPH (418.1) | CHLORIDE            |       |  | Sample Cool | Sample Intact |
| Client Phone No.:                                                                                                                                                       |             |             | Client No.:<br><b>14038-0004</b>                        |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
| Sample No. / Identification                                                                                                                                             | Sample Date | Sample Time | Lab No.                                                 | No./Volume of Containers | Preservative             |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
|                                                                                                                                                                         |             |             |                                                         |                          | HNO <sub>3</sub>         | HCl                   | cad                |                   |               |                |     |               |                |             |                     |       |  |             |               |
| Aneth 6" Pipeline End                                                                                                                                                   | 8/15/14     | 11:45       | 1408063-01                                              | 2-4oz                    |                          |                       | ✓                  |                   |               |                |     |               | ✓              |             |                     |       |  | ✓           | ✓             |
| Aneth 6" Pipeline Start                                                                                                                                                 | 8/15/14     | 12:15       | -02                                                     | 2-4oz                    |                          |                       | ✓                  |                   |               |                |     |               | ✓              |             |                     |       |  | ✓           | ✓             |
|                                                                                                                                                                         |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
|                                                                                                                                                                         |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
|                                                                                                                                                                         |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
|                                                                                                                                                                         |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
|                                                                                                                                                                         |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
|                                                                                                                                                                         |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
|                                                                                                                                                                         |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
|                                                                                                                                                                         |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
|                                                                                                                                                                         |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
|                                                                                                                                                                         |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
|                                                                                                                                                                         |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
| Relinquished by: (Signature)                                                                                                                                            | Date        |             |                                                         | Time                     | Received by: (Signature) |                       |                    |                   |               |                |     |               |                |             | Date                | Time  |  |             |               |
| <i>Toni McKnight</i>                                                                                                                                                    | 8/15/14     |             |                                                         | 14:30                    | <i>[Signature]</i>       |                       |                    |                   |               |                |     |               |                |             | 8/15/14             | 14:30 |  |             |               |
| Relinquished by: (Signature)                                                                                                                                            |             |             |                                                         |                          | Received by: (Signature) |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
| Sample Matrix                                                                                                                                                           |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
| Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/> |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
| <input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.                                                                                     |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |
| *RUSH*                                                                                                                                                                  |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             | 11.9 16.9 12.4 13.7 |       |  |             |               |
| 5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc.com              |             |             |                                                         |                          |                          |                       |                    |                   |               |                |     |               |                |             |                     |       |  |             |               |





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Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

### Report Summary

Wednesday August 20, 2014

Report Number: L716615

Samples Received: 08/19/14

Client Project: 14038-0004

Description: Aneth 16 in Pipeline

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Daphne Richards , ESC Representative

### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
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# REPORT OF ANALYSIS

August 20, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

ESC Sample # : L716615-01

Date Received : August 19, 2014  
Description : Aneth 16 in Pipeline  
Sample ID : ANETH 6IN PIPELINE END  
Collected By : Toni McKnight  
Collection Date : 08/15/14 11:45

Site ID : P408063

Project # : 14038-0004

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 91.9       |            | %      | 2540 G-2011 | 08/20/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Acenaphthene                      | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Chrysene                          | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Fluoranthene                      | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Fluorene                          | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Naphthalene                       | 0.10       | 0.022      | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Phenanthrene                      | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Pyrene                            | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| 1-Methylnaphthalene               | 0.039      | 0.022      | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| 2-Methylnaphthalene               | 0.12       | 0.022      | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 08/20/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 108.       |            | % Rec. | 8270C-SIM   | 08/20/14 | 1    |
| 2-Fluorobiphenyl                  | 94.1       |            | % Rec. | 8270C-SIM   | 08/20/14 | 1    |
| p-Terphenyl-d14                   | 93.8       |            | % Rec. | 8270C-SIM   | 08/20/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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The reported analytical results relate only to the sample submitted

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# REPORT OF ANALYSIS

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

August 20, 2014

Date Received : August 19, 2014  
Description : Aneth 16 in Pipeline  
Sample ID : ANETH 6IN PIPELINE START  
Collected By : Toni McKnight  
Collection Date : 08/15/14 11:15

ESC Sample # : L716615-02

Site ID : P408063

Project # : 14038-0004

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 88.0       |            | %      | 2540 G-2011 | 08/20/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | 0.16       | 0.034      | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| Acenaphthene                      | 0.41       | 0.034      | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| Acenaphthylene                    | 0.050      | 0.034      | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| Benzo(a)anthracene                | BDL        | 0.034      | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| Benzo(a)pyrene                    | 0.16       | 0.034      | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| Benzo(b)fluoranthene              | 0.067      | 0.034      | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| Benzo(g,h,i)perylene              | BDL        | 0.034      | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| Benzo(k)fluoranthene              | BDL        | 0.034      | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| Chrysene                          | 0.15       | 0.034      | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| Dibenz(a,h)anthracene             | BDL        | 0.034      | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| Fluoranthene                      | 0.045      | 0.034      | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| Fluorene                          | 0.92       | 0.034      | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.034      | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| Naphthalene                       | 17.        | 0.45       | mg/kg  | 8270C-SIM   | 08/20/14 | 20   |
| Phenanthrene                      | 1.2        | 0.034      | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| Pyrene                            | 0.10       | 0.034      | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| 1-Methylnaphthalene               | 6.9        | 0.45       | mg/kg  | 8270C-SIM   | 08/20/14 | 20   |
| 2-Methylnaphthalene               | 20.        | 0.45       | mg/kg  | 8270C-SIM   | 08/20/14 | 20   |
| 2-Chloronaphthalene               | BDL        | 0.11       | mg/kg  | 8270C-SIM   | 08/20/14 | 5    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 1350       |            | % Rec. | 8270C-SIM   | 08/20/14 | 20   |
| 2-Fluorobiphenyl                  | 62.0       |            | % Rec. | 8270C-SIM   | 08/20/14 | 5    |
| p-Terphenyl-d14                   | 60.5       |            | % Rec. | 8270C-SIM   | 08/20/14 | 5    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Attachment A  
List of Analytes with QC Qualifiers

| Sample<br>Number | Work<br>Group | Sample<br>Type | Analyte         | Run<br>ID | Qualifier |
|------------------|---------------|----------------|-----------------|-----------|-----------|
| L716615-02       | WG738261      | SAMP           | Nitrobenzene-d5 | R2978345  | J7        |

Attachment B  
Explanation of QC Qualifier Codes

| Qualifier | Meaning                                                                         |
|-----------|---------------------------------------------------------------------------------|
| J7        | Surrogate recovery cannot be used for control limit evaluation due to dilution. |

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



Summary of Remarks For Samples Printed  
08/20/14 at 17:10:06

TSR Signing Reports: 288  
R2 - Rush: Next Day

Dry wt PO # 000140775 Good through Sept 30 2014 Full TCLP also requires RCI PO NUMBERS ON ALL  
PROJECTS Glycols-sub outs \$225

Sample: L716615-01 Account: ENVIROFNM Received: 08/19/14 09:00 Due Date: 08/20/14 00:00 RPT Date: 08/20/14 17:09

Sample: L716615-02 Account: ENVIROFNM Received: 08/19/14 09:00 Due Date: 08/20/14 00:00 RPT Date: 08/20/14 17:09



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August 20, 2014

| Analyte                  | Result | Laboratory Blank |       | Limit    | Batch    | Date Analyzed  |
|--------------------------|--------|------------------|-------|----------|----------|----------------|
|                          |        | Units            | % Rec |          |          |                |
| 1-Methylnaphthalene      | < .02  | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| 2-Chloronaphthalene      | < .02  | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| 2-Methylnaphthalene      | < .02  | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Acenaphthene             | < .006 | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Acenaphthylene           | < .006 | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Anthracene               | < .006 | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Benzo (a) anthracene     | < .006 | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Benzo (a) pyrene         | < .006 | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Benzo (b) fluoranthene   | < .006 | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Benzo (g,h,i) perylene   | < .006 | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Benzo (k) fluoranthene   | < .006 | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Chrysene                 | < .006 | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Dibenz (a,h) anthracene  | < .006 | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Fluoranthene             | < .006 | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Fluorene                 | < .006 | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Indeno (1,2,3-cd) pyrene | < .006 | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Naphthalene              | < .02  | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Phenanthrene             | < .006 | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| Pyrene                   | < .006 | mg/kg            |       |          | WG738261 | 08/20/14 06:04 |
| 2-Fluorobiphenyl         | % Rec. |                  | 93.40 | 38.2-135 | WG738261 | 08/20/14 06:04 |
| Nitrobenzene-d5          | % Rec. |                  | 98.30 | 28.4-151 | WG738261 | 08/20/14 06:04 |
| p-Terphenyl-d14          | % Rec. |                  | 83.60 | 34.2-141 | WG738261 | 08/20/14 06:04 |
| Total Solids             | < .1   | %                |       |          | WG738239 | 08/20/14 07:40 |

| Analyte      | Units | Duplicate |           | RPD   | Limit | Ref Samp   | Batch    |
|--------------|-------|-----------|-----------|-------|-------|------------|----------|
|              |       | Result    | Duplicate |       |       |            |          |
| Total Solids | %     | 78.6      | 79.1      | 0.668 | 5     | L716430-01 | WG738239 |

| Analyte                  | Units | Laboratory Control Sample |        | % Rec | Limit    | Batch    |
|--------------------------|-------|---------------------------|--------|-------|----------|----------|
|                          |       | Known Val                 | Result |       |          |          |
| 1-Methylnaphthalene      | mg/kg | .08                       | 0.0657 | 82.2  | 48.9-127 | WG738261 |
| 2-Chloronaphthalene      | mg/kg | .08                       | 0.0688 | 86.0  | 48.8-125 | WG738261 |
| 2-Methylnaphthalene      | mg/kg | .08                       | 0.0650 | 81.2  | 45.7-131 | WG738261 |
| Acenaphthene             | mg/kg | .08                       | 0.0661 | 82.7  | 48.7-127 | WG738261 |
| Acenaphthylene           | mg/kg | .08                       | 0.0640 | 80.1  | 47.9-128 | WG738261 |
| Anthracene               | mg/kg | .08                       | 0.0729 | 91.1  | 51.3-136 | WG738261 |
| Benzo (a) anthracene     | mg/kg | .08                       | 0.0593 | 74.1  | 55-126   | WG738261 |
| Benzo (a) pyrene         | mg/kg | .08                       | 0.0588 | 73.5  | 51.9-127 | WG738261 |
| Benzo (b) fluoranthene   | mg/kg | .08                       | 0.0562 | 70.3  | 54-125   | WG738261 |
| Benzo (g,h,i) perylene   | mg/kg | .08                       | 0.0665 | 83.2  | 53.8-136 | WG738261 |
| Benzo (k) fluoranthene   | mg/kg | .08                       | 0.0777 | 97.1  | 53.9-132 | WG738261 |
| Chrysene                 | mg/kg | .08                       | 0.0804 | 101.  | 55.7-133 | WG738261 |
| Dibenz (a,h) anthracene  | mg/kg | .08                       | 0.0655 | 81.9  | 52.6-137 | WG738261 |
| Fluoranthene             | mg/kg | .08                       | 0.0718 | 89.7  | 54-132   | WG738261 |
| Fluorene                 | mg/kg | .08                       | 0.0625 | 78.1  | 48.7-127 | WG738261 |
| Indeno (1,2,3-cd) pyrene | mg/kg | .08                       | 0.0687 | 85.9  | 53.8-138 | WG738261 |
| Naphthalene              | mg/kg | .08                       | 0.0641 | 80.1  | 42-127   | WG738261 |
| Phenanthrene             | mg/kg | .08                       | 0.0606 | 75.8  | 49.6-126 | WG738261 |
| Pyrene                   | mg/kg | .08                       | 0.0663 | 82.9  | 54-129   | WG738261 |
| 2-Fluorobiphenyl         |       |                           |        | 90.20 | 38.2-135 | WG738261 |
| Nitrobenzene-d5          |       |                           |        | 94.50 | 28.4-151 | WG738261 |
| p-Terphenyl-d14          |       |                           |        | 81.60 | 34.2-141 | WG738261 |
| Total Solids             | %     | 50                        | 50.0   | 100.  | 85-115   | WG738239 |

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





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August 20, 2014

| Analyte                | Units | Laboratory Control Sample Duplicate |        |       | Limit    | RPD  | Limit | Batch    |
|------------------------|-------|-------------------------------------|--------|-------|----------|------|-------|----------|
|                        |       | Result                              | Ref    | %Rec  |          |      |       |          |
| 1-Methylnaphthalene    | mg/kg | 0.0701                              | 0.0657 | 88.0  | 48.9-127 | 6.37 | 20    | WG738261 |
| 2-Chloronaphthalene    | mg/kg | 0.0727                              | 0.0688 | 91.0  | 48.8-125 | 5.53 | 20    | WG738261 |
| 2-Methylnaphthalene    | mg/kg | 0.0688                              | 0.0650 | 86.0  | 45.7-131 | 5.79 | 20    | WG738261 |
| Acenaphthene           | mg/kg | 0.0698                              | 0.0661 | 87.0  | 48.7-127 | 5.37 | 20    | WG738261 |
| Acenaphthylene         | mg/kg | 0.0673                              | 0.0640 | 84.0  | 47.9-128 | 4.92 | 20    | WG738261 |
| Anthracene             | mg/kg | 0.0776                              | 0.0729 | 97.0  | 51.3-136 | 6.19 | 20    | WG738261 |
| Benzo(a)anthracene     | mg/kg | 0.0626                              | 0.0593 | 78.0  | 55-126   | 5.51 | 20    | WG738261 |
| Benzo(a)pyrene         | mg/kg | 0.0618                              | 0.0588 | 77.0  | 51.9-127 | 4.95 | 20    | WG738261 |
| Benzo(b)fluoranthene   | mg/kg | 0.0623                              | 0.0562 | 78.0  | 54-125   | 10.2 | 20    | WG738261 |
| Benzo(g,h,i)perylene   | mg/kg | 0.0699                              | 0.0665 | 87.0  | 53.8-136 | 4.98 | 20    | WG738261 |
| Benzo(k)fluoranthene   | mg/kg | 0.0798                              | 0.0777 | 100.  | 53.9-132 | 2.66 | 20    | WG738261 |
| Chrysene               | mg/kg | 0.0832                              | 0.0804 | 104.  | 55.7-133 | 3.37 | 20    | WG738261 |
| Dibenz(a,h)anthracene  | mg/kg | 0.0684                              | 0.0655 | 86.0  | 52.6-137 | 4.41 | 20    | WG738261 |
| Fluoranthene           | mg/kg | 0.0751                              | 0.0718 | 94.0  | 54-132   | 4.49 | 20    | WG738261 |
| Fluorene               | mg/kg | 0.0661                              | 0.0625 | 83.0  | 48.7-127 | 5.66 | 20    | WG738261 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.0721                              | 0.0687 | 90.0  | 53.8-138 | 4.71 | 20    | WG738261 |
| Naphthalene            | mg/kg | 0.0678                              | 0.0641 | 85.0  | 42-127   | 5.64 | 20    | WG738261 |
| Phenanthrene           | mg/kg | 0.0634                              | 0.0606 | 79.0  | 49.6-126 | 4.52 | 20    | WG738261 |
| Pyrene                 | mg/kg | 0.0698                              | 0.0663 | 87.0  | 54-129   | 5.18 | 20    | WG738261 |
| 2-Fluorobiphenyl       |       |                                     |        | 77.60 | 38.2-135 |      |       | WG738261 |
| Nitrobenzene-d5        |       |                                     |        | 84.60 | 28.4-151 |      |       | WG738261 |
| p-Terphenyl-d14        |       |                                     |        | 69.80 | 34.2-141 |      |       | WG738261 |

Batch number /Run number / Sample number cross reference

WG738261: R2978345: L716615-01 02  
WG738239: R2978450: L716615-01 02

- \*\* Calculations are performed prior to rounding of reported values.
- \* Performance of this Analyte is outside of established criteria.  
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Est. 1970

August 20, 2014

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



Company Name/Address:

**EnviroTech**5796 US Highway 64  
Farmington NM 87401

Billing Information:

Analysis / Container / Preservative

Chain of Custody Page \_\_\_\_ of \_\_\_\_



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Mount Juliet, TN 37122  
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Phone: 800-767-5859  
Fax: 615-758-5859

Report to:

Tim A Lynn

Email To:

Tim A Lynn

Project

Description: Aneth 16 in Pipeline

City/State  
Collected:

Phone: 505-632-0615

Client Project #

14038-0004

Lab Project #

Fax:

Collected by (print):

Ton. McKnight

Site/Facility ID #

P408063

P.O. #

000140775

Collected by (signature):

Rush? (Lab MUST Be Notified)

Date Results Needed

Immediately

Packed on Ice: N ☐ Y ☒

Same Day ..... 200%  
☒ Next Day ..... 100%  
 Two Day ..... 50%  
 Three Day ..... 25%

Email? ☐ No ☒ YesFAX? ☐ No ☐ YesNo.  
of  
Containers

8270 PAH SIM

Sample ID

Comp/Grab

Matrix \*

Depth

Date

Time

No.  
of  
Containers

Aneth 6" Pipeline End

SS

8/15/14

1145

1

X

Aneth 6" Pipeline Start

SS

8/15/14

1215

6

X

L #

L716615

E242

Table #

Acctnum: ENVIROFNM

Template:

Prelogin:

TSR:

Cooler:

Shipped Via:

Rem./Contaminant

Sample # (lab only)

-01

-02

\* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Remarks:

5787 0509 0964

Hold #

Relinquished by: (Signature)

Date:

8/18/14

Time:

1400

Received by: (Signature)

FedEx

Samples returned via: ☐ UPS☐ FedEx ☐ Courier ☐ Other

Condition: (lab use only)

OK

JWS

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: °C Bottles Received:

3.4

2

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date:

8/19/14

Time:

9:00

COC Seal Intact: Y N NA

pH Checked:

NCF:





## Analytical Report

### Report Summary

Client: CCI, LLC

Chain Of Custody Number: 17031

Samples Received: 8/28/2014 1:40:00PM

Job Number: 14038-0004

Work Order: P408122

Project Name/Location: Horseshoe Gallup  
Pipeline Leak

Entire Report Reviewed By:

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

Date: 9/3/14

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.





CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
03-Sep-14 18:52

### Analytical Report for Samples

| Client Sample ID | Lab Sample ID | Matrix  | Sampled  | Received | Container           |
|------------------|---------------|---------|----------|----------|---------------------|
| Water In Wash    | P408122-01A   | Aqueous | 08/28/14 | 08/28/14 | Poly 250mL          |
|                  | P408122-01B   | Aqueous | 08/28/14 | 08/28/14 | Voa vial, 40mL, HCl |
|                  | P408122-01C   | Aqueous | 08/28/14 | 08/28/14 | Voa vial, 40mL, HCl |
|                  | P408122-01D   | Aqueous | 08/28/14 | 08/28/14 | Voa vial, 40mL, HCl |
| Hillside         | P408122-02A   | Soil    | 08/28/14 | 08/28/14 | Glass Jar, 4 oz.    |
|                  | P408122-02B   | Soil    | 08/28/14 | 08/28/14 | Glass Jar, 4 oz.    |

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|                    |                  |                                |                 |
|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 03-Sep-14 18:52 |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                 |

**Water In Wash**  
**P408122-01 (Water)**

| Analyte                              | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|--------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b> |        |                 |       |          |         |          |          |           |       |
| Benzene                              | ND     | 0.005           | mg/L  | 1        | 1435031 | 08/29/14 | 08/29/14 | EPA 8021B |       |
| Toluene                              | ND     | 0.005           | mg/L  | 1        | 1435031 | 08/29/14 | 08/29/14 | EPA 8021B |       |
| Ethylbenzene                         | ND     | 0.005           | mg/L  | 1        | 1435031 | 08/29/14 | 08/29/14 | EPA 8021B |       |
| p,m-Xylene                           | ND     | 0.01            | mg/L  | 1        | 1435031 | 08/29/14 | 08/29/14 | EPA 8021B |       |
| o-Xylene                             | ND     | 0.005           | mg/L  | 1        | 1435031 | 08/29/14 | 08/29/14 | EPA 8021B |       |
| Total Xylenes                        | ND     | 0.005           | mg/L  | 1        | 1435031 | 08/29/14 | 08/29/14 | EPA 8021B |       |
| Total BTEX                           | ND     | 0.005           | mg/L  | 1        | 1435031 | 08/29/14 | 08/29/14 | EPA 8021B |       |
| Surrogate: 1,3-Dichlorobenzene       |        | 93.0 %          |       | 50-150   | 1435031 | 08/29/14 | 08/29/14 | EPA 8021B |       |
| Surrogate: Bromochlorobenzene        |        | 95.6 %          |       | 50-150   | 1435031 | 08/29/14 | 08/29/14 | EPA 8021B |       |

**Cation/Anion Analysis**

|                        |      |      |      |   |         |          |          |           |  |
|------------------------|------|------|------|---|---------|----------|----------|-----------|--|
| Total Dissolved Solids | 160  |      | mg/L | 1 | 1435036 | 08/29/14 | 08/29/14 | EPA 160.1 |  |
| Chloride               | 3.24 | 1.00 | mg/L | 1 | 1435032 | 08/29/14 | 08/29/14 | EPA 300.0 |  |
| Sulfate                | 39.3 | 1.00 | mg/L | 1 | 1435032 | 08/29/14 | 08/29/14 | EPA 300.0 |  |

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|                    |                  |                                |                 |
|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 03-Sep-14 18:52 |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                 |

**Hillside**  
**P408122-02 (Solid)**

| Analyte                                | Result | Reporting Limit | Units  | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|--------|----------|---------|----------|----------|-----------|-------|
| <b>Volatiles Organics by EPA 8021</b>  |        |                 |        |          |         |          |          |           |       |
| Benzene                                | ND     | 0.05            | mg/kg  | 1        | 1435034 | 08/29/14 | 09/02/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.05            | mg/kg  | 1        | 1435034 | 08/29/14 | 09/02/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.05            | mg/kg  | 1        | 1435034 | 08/29/14 | 09/02/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.10            | mg/kg  | 1        | 1435034 | 08/29/14 | 09/02/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.05            | mg/kg  | 1        | 1435034 | 08/29/14 | 09/02/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.05            | mg/kg  | 1        | 1435034 | 08/29/14 | 09/02/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.05            | mg/kg  | 1        | 1435034 | 08/29/14 | 09/02/14 | EPA 8021B |       |
| Surrogate: Bromochlorobenzene          |        | 94.9 %          | 50-150 |          | 1435034 | 08/29/14 | 09/02/14 | EPA 8021B |       |
| Surrogate: 1,3-Dichlorobenzene         |        | 91.3 %          | 50-150 |          | 1435034 | 08/29/14 | 09/02/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |        |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 5.00            | mg/kg  | 1        | 1435034 | 08/29/14 | 09/02/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | 178    | 39.9            | mg/kg  | 2        | 1435041 | 08/29/14 | 09/02/14 | EPA 8015D |       |
| Surrogate: Benzo[a]pyrene              |        | 155 %           | 50-200 |          | 1435041 | 08/29/14 | 09/02/14 | EPA 8015D |       |
| <b>Total Metals by 6010</b>            |        |                 |        |          |         |          |          |           |       |
| Arsenic                                | ND     | 0.97            | mg/kg  | 1        | 1436010 | 09/02/14 | 09/03/14 | EPA 6010C |       |
| Barium                                 | 105    | 4.87            | mg/kg  | 1        | 1436010 | 09/02/14 | 09/03/14 | EPA 6010C |       |
| Cadmium                                | ND     | 0.97            | mg/kg  | 1        | 1436010 | 09/02/14 | 09/03/14 | EPA 6010C |       |
| Chromium                               | 17.4   | 0.97            | mg/kg  | 1        | 1436010 | 09/02/14 | 09/03/14 | EPA 6010C |       |
| Copper                                 | 12.0   | 0.97            | mg/kg  | 1        | 1436010 | 09/02/14 | 09/03/14 | EPA 6010C |       |
| Lead                                   | 6.97   | 0.97            | mg/kg  | 1        | 1436010 | 09/02/14 | 09/03/14 | EPA 6010C |       |
| Mercury                                | ND     | 0.97            | mg/kg  | 1        | 1436010 | 09/02/14 | 09/03/14 | EPA 6010C |       |
| Nickel                                 | 9.51   | 0.97            | mg/kg  | 1        | 1436010 | 09/02/14 | 09/03/14 | EPA 6010C |       |
| Selenium                               | 3.47   | 0.97            | mg/kg  | 1        | 1436010 | 09/02/14 | 09/03/14 | EPA 6010C |       |
| Silver                                 | 3.15   | 0.97            | mg/kg  | 1        | 1436010 | 09/02/14 | 09/03/14 | EPA 6010C |       |
| Zinc                                   | 41.1   | 0.97            | mg/kg  | 1        | 1436010 | 09/02/14 | 09/03/14 | EPA 6010C |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
03-Sep-14 18:52

**Hillside**  
**P408122-02 (Solid)**

| Analyte                             | Result | Reporting |          | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-------------------------------------|--------|-----------|----------|-------|----------|---------|----------|----------|-----------|-------|
|                                     |        | Limit     |          |       |          |         |          |          |           |       |
| Cation/Anion Analysis               |        |           |          |       |          |         |          |          |           |       |
| pH @20.9°C                          | 7.92   |           | pH Units | 1     |          | 1435038 | 08/29/14 | 08/29/14 | EPA 9045D |       |
| Electrical Conductivity             | 579    |           | umhos/cm | 1     |          | 1435038 | 08/29/14 | 08/29/14 | EPA 120.1 |       |
| Sodium Absorption Ratio             | 0.525  |           | N/A      | 1     |          | 1436013 | 09/02/14 | 09/02/14 | [CALC]    |       |
| Calcium                             | 9.76   | 0.01      | mg/L     | 1     |          | 1436003 | 09/02/14 | 09/02/14 | EPA 6010C |       |
| Magnesium                           | 3.67   | 0.01      | mg/L     | 1     |          | 1436003 | 09/02/14 | 09/02/14 | EPA 6010C |       |
| Sodium                              | 7.58   | 0.01      | mg/L     | 1     |          | 1436003 | 09/02/14 | 09/02/14 | EPA 6010C |       |
| Boron-Hot Water Soluble by EPA 6010 |        |           |          |       |          |         |          |          |           |       |
| Boron                               | ND     | 0.50      | mg/L     | 1     |          | 1435039 | 08/29/14 | 09/02/14 | EPA 6010C |       |

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|                    |                  |                                |                 |
|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 03-Sep-14 18:52 |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                 |

### Volatile Organics by EPA 8021 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 1435031 - Purge and Trap EPA 5030A

##### Blank (1435031-BLK1)

Prepared & Analyzed: 29-Aug-14

|                                |        |       |      |        |  |      |        |  |  |  |
|--------------------------------|--------|-------|------|--------|--|------|--------|--|--|--|
| Benzene                        | ND     | 0.005 | mg/L |        |  |      |        |  |  |  |
| Toluene                        | ND     | 0.005 | "    |        |  |      |        |  |  |  |
| Ethylbenzene                   | ND     | 0.005 | "    |        |  |      |        |  |  |  |
| p,m-Xylene                     | ND     | 0.01  | "    |        |  |      |        |  |  |  |
| o-Xylene                       | ND     | 0.005 | "    |        |  |      |        |  |  |  |
| Total Xylenes                  | ND     | 0.005 | "    |        |  |      |        |  |  |  |
| Total BTEX                     | ND     | 0.005 | "    |        |  |      |        |  |  |  |
| Surrogate: 1,3-Dichlorobenzene | 0.0449 |       | "    | 0.0500 |  | 89.8 | 50-150 |  |  |  |
| Surrogate: Bromochlorobenzene  | 0.0444 |       | "    | 0.0500 |  | 88.9 | 50-150 |  |  |  |

##### Duplicate (1435031-DUP1)

Source: P408100-01

Prepared & Analyzed: 29-Aug-14

|                                |        |       |      |        |    |     |        |  |     |  |
|--------------------------------|--------|-------|------|--------|----|-----|--------|--|-----|--|
| Benzene                        | ND     | 0.005 | mg/L |        | ND |     |        |  | 200 |  |
| Toluene                        | ND     | 0.005 | "    |        | ND |     |        |  | 200 |  |
| Ethylbenzene                   | ND     | 0.005 | "    |        | ND |     |        |  | 200 |  |
| p,m-Xylene                     | ND     | 0.01  | "    |        | ND |     |        |  | 200 |  |
| o-Xylene                       | ND     | 0.005 | "    |        | ND |     |        |  | 200 |  |
| Surrogate: 1,3-Dichlorobenzene | 0.0529 |       | "    | 0.0500 |    | 106 | 50-150 |  |     |  |
| Surrogate: Bromochlorobenzene  | 0.0560 |       | "    | 0.0500 |    | 112 | 50-150 |  |     |  |

##### Matrix Spike (1435031-MS1)

Source: P408100-01

Prepared & Analyzed: 29-Aug-14

|                                |        |       |      |        |    |     |        |  |  |  |
|--------------------------------|--------|-------|------|--------|----|-----|--------|--|--|--|
| Benzene                        | 0.05   | 0.005 | mg/L | 0.0500 | ND | 107 | 80-120 |  |  |  |
| Toluene                        | 0.05   | 0.005 | "    | 0.0500 | ND | 109 | 75-120 |  |  |  |
| Ethylbenzene                   | 0.05   | 0.005 | "    | 0.0500 | ND | 107 | 75-125 |  |  |  |
| p,m-Xylene                     | 0.11   | 0.01  | "    | 0.100  | ND | 109 | 75-130 |  |  |  |
| o-Xylene                       | 0.05   | 0.005 | "    | 0.0500 | ND | 109 | 80-120 |  |  |  |
| Surrogate: 1,3-Dichlorobenzene | 0.0531 |       | "    | 0.0500 |    | 106 | 50-150 |  |  |  |
| Surrogate: Bromochlorobenzene  | 0.0570 |       | "    | 0.0500 |    | 114 | 50-150 |  |  |  |

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document  
 14038-0004  
 03-Sep-14 18:52

|                    |                  |                                |                              |
|--------------------|------------------|--------------------------------|------------------------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:<br>03-Sep-14 18:52 |
| PO Box 70          | Project Number:  | 14038-0004                     |                              |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                              |

### Volatile Organics by EPA 8021 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 1435034 - Purge and Trap EPA 5030A

##### Blank (1435034-BLK1)

Prepared: 29-Aug-14 Analyzed: 02-Sep-14

|                                |        |      |       |        |  |      |        |  |  |  |
|--------------------------------|--------|------|-------|--------|--|------|--------|--|--|--|
| Benzene                        | ND     | 0.05 | mg/kg |        |  |      |        |  |  |  |
| Toluene                        | ND     | 0.05 | "     |        |  |      |        |  |  |  |
| Ethylbenzene                   | ND     | 0.05 | "     |        |  |      |        |  |  |  |
| p,m-Xylene                     | ND     | 0.10 | "     |        |  |      |        |  |  |  |
| o-Xylene                       | ND     | 0.05 | "     |        |  |      |        |  |  |  |
| Total Xylenes                  | ND     | 0.05 | "     |        |  |      |        |  |  |  |
| Total BTEX                     | ND     | 0.05 | "     |        |  |      |        |  |  |  |
| Surrogate: 1,3-Dichlorobenzene | 0.0441 |      | "     | 0.0500 |  | 88.2 | 50-150 |  |  |  |
| Surrogate: Bromochlorobenzene  | 0.0464 |      | "     | 0.0500 |  | 92.8 | 50-150 |  |  |  |

##### Duplicate (1435034-DUP1)

Source: P408120-01

Prepared: 29-Aug-14 Analyzed: 02-Sep-14

|                                |        |      |       |        |    |      |        |  |    |  |
|--------------------------------|--------|------|-------|--------|----|------|--------|--|----|--|
| Benzene                        | ND     | 0.05 | mg/kg |        | ND |      |        |  | 30 |  |
| Toluene                        | ND     | 0.05 | "     |        | ND |      |        |  | 30 |  |
| Ethylbenzene                   | ND     | 0.05 | "     |        | ND |      |        |  | 30 |  |
| p,m-Xylene                     | ND     | 0.10 | "     |        | ND |      |        |  | 30 |  |
| o-Xylene                       | ND     | 0.05 | "     |        | ND |      |        |  | 30 |  |
| Surrogate: 1,3-Dichlorobenzene | 0.0454 |      | "     | 0.0500 |    | 90.8 | 50-150 |  |    |  |
| Surrogate: Bromochlorobenzene  | 0.0471 |      | "     | 0.0500 |    | 94.2 | 50-150 |  |    |  |

##### Matrix Spike (1435034-MS1)

Source: P408120-01

Prepared: 29-Aug-14 Analyzed: 02-Sep-14

|                                |        |  |       |        |    |      |        |  |  |  |
|--------------------------------|--------|--|-------|--------|----|------|--------|--|--|--|
| Benzene                        | 42.7   |  | ug/L  | 50.0   | ND | 85.4 | 39-150 |  |  |  |
| Toluene                        | 43.4   |  | "     | 50.0   | ND | 86.9 | 46-148 |  |  |  |
| Ethylbenzene                   | 43.7   |  | "     | 50.0   | ND | 87.4 | 32-160 |  |  |  |
| p,m-Xylene                     | 87.5   |  | "     | 100    | ND | 87.5 | 46-148 |  |  |  |
| o-Xylene                       | 44.3   |  | "     | 50.0   | ND | 88.7 | 46-148 |  |  |  |
| Surrogate: 1,3-Dichlorobenzene | 0.0459 |  | mg/kg | 0.0500 |    | 91.8 | 50-150 |  |  |  |
| Surrogate: Bromochlorobenzene  | 0.0482 |  | "     | 0.0500 |    | 96.4 | 50-150 |  |  |  |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
03-Sep-14 18:52

**Nonhalogenated Organics by 8015 - Quality Control**

**Envirotech Analytical Laboratory**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 1435034 - Purge and Trap EPA 5030A**

**Blank (1435034-BLK1)**

Prepared: 29-Aug-14 Analyzed: 02-Sep-14

Gasoline Range Organics (C6-C10) ND 5.00 mg/kg

**Duplicate (1435034-DUP1)**

Source: P408120-01

Prepared: 29-Aug-14 Analyzed: 02-Sep-14

Gasoline Range Organics (C6-C10) ND 5.00 mg/kg

ND

30

**Matrix Spike (1435034-MS1)**

Source: P408120-01

Prepared: 29-Aug-14 Analyzed: 02-Sep-14

Gasoline Range Organics (C6-C10) 0.44 mg/L

0.450

ND

97.6

75-125

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
03-Sep-14 18:52

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte                                         | Result | Reporting Limit | Units | Spike Level                                                | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|-------------------------------------------------|--------|-----------------|-------|------------------------------------------------------------|---------------|------|-------------|------|-----------|-------|
| <b>Batch 1435041 - DRO Extraction EPA 3550M</b> |        |                 |       |                                                            |               |      |             |      |           |       |
| <b>Blank (1435041-BLK1)</b>                     |        |                 |       |                                                            |               |      |             |      |           |       |
|                                                 |        |                 |       | Prepared: 29-Aug-14 Analyzed: 02-Sep-14                    |               |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | ND     | 25.0            | mg/kg |                                                            |               |      |             |      |           |       |
| Surrogate: Benzo[a]pyrene                       | 21.6   |                 | "     | 20.0                                                       |               | 108  | 50-200      |      |           |       |
| <b>LCS (1435041-BS1)</b>                        |        |                 |       |                                                            |               |      |             |      |           |       |
|                                                 |        |                 |       | Prepared: 29-Aug-14 Analyzed: 02-Sep-14                    |               |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 528    | 25.0            | mg/kg | 500                                                        |               | 106  | 38-132      |      |           |       |
| Surrogate: Benzo[a]pyrene                       | 22.1   |                 | "     | 20.0                                                       |               | 110  | 50-200      |      |           |       |
| <b>Matrix Spike (1435041-MS1)</b>               |        |                 |       |                                                            |               |      |             |      |           |       |
|                                                 |        |                 |       | Source: P408120-01 Prepared: 29-Aug-14 Analyzed: 02-Sep-14 |               |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 688    | 35.0            | mg/kg | 500                                                        | 309           | 75.9 | 38-132      |      |           |       |
| Surrogate: Benzo[a]pyrene                       | 23.7   |                 | "     | 20.0                                                       |               | 118  | 50-200      |      |           |       |
| <b>Matrix Spike Dup (1435041-MSD1)</b>          |        |                 |       |                                                            |               |      |             |      |           |       |
|                                                 |        |                 |       | Source: P408120-01 Prepared: 29-Aug-14 Analyzed: 02-Sep-14 |               |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 703    | 40.0            | mg/kg | 500                                                        | 309           | 78.9 | 38-132      | 2.25 | 20        |       |
| Surrogate: Benzo[a]pyrene                       | 21.8   |                 | "     | 20.0                                                       |               | 109  | 50-200      |      |           |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
03-Sep-14 18:52

### Total Metals by 6010 - Quality Control

### Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

### Batch 1436010 - Metal Solid Digestion EPA 3051A

#### Blank (1436010-BLK1)

Prepared: 02-Sep-14 Analyzed: 03-Sep-14

|          |    |      |       |
|----------|----|------|-------|
| Arsenic  | ND | 1.00 | mg/kg |
| Barium   | ND | 5.00 | "     |
| Cadmium  | ND | 1.00 | "     |
| Chromium | ND | 1.00 | "     |
| Copper   | ND | 1.00 | "     |
| Lead     | ND | 1.00 | "     |
| Mercury  | ND | 1.00 | "     |
| Nickel   | ND | 1.00 | "     |
| Selenium | ND | 1.00 | "     |
| Silver   | ND | 1.00 | "     |
| Zinc     | ND | 1.00 | "     |

#### Duplicate (1436010-DUP1)

Source: P408104-01

Prepared: 02-Sep-14 Analyzed: 03-Sep-14

|          |      |      |       |      |  |       |    |
|----------|------|------|-------|------|--|-------|----|
| Arsenic  | ND   | 0.99 | mg/kg | ND   |  |       | 30 |
| Barium   | 232  | 4.97 | "     | 250  |  | 7.22  | 30 |
| Cadmium  | ND   | 0.99 | "     | ND   |  |       | 30 |
| Chromium | 15.0 | 0.99 | "     | 16.0 |  | 6.32  | 30 |
| Copper   | 7.50 | 0.99 | "     | 7.73 |  | 3.01  | 30 |
| Lead     | 5.27 | 0.99 | "     | ND   |  |       | 30 |
| Mercury  | ND   | 0.99 | "     | 1.59 |  |       | 30 |
| Nickel   | 10.4 | 0.99 | "     | 10.6 |  | 2.58  | 30 |
| Selenium | 3.12 | 0.99 | "     | 3.13 |  | 0.398 | 30 |
| Silver   | 4.58 | 0.99 | "     | 4.79 |  | 4.44  | 30 |
| Zinc     | 28.3 | 0.99 | "     | 30.3 |  | 6.85  | 30 |

#### Matrix Spike (1436010-MS1)

Source: P408104-01

Prepared: 02-Sep-14 Analyzed: 03-Sep-14

|          |        |      |       |       |      |        |
|----------|--------|------|-------|-------|------|--------|
| Arsenic  | -0.005 | mg/L | 0.250 | -0.24 | 94.4 | 75-125 |
| Barium   | 7.84   | "    | 5.00  | 2.37  | 109  | 75-125 |
| Cadmium  | 0.23   | "    | 0.250 | 0.006 | 90.5 | 75-125 |
| Chromium | 0.64   | "    | 0.500 | 0.15  | 97.1 | 75-125 |
| Copper   | 0.51   | "    | 0.500 | 0.07  | 88.2 | 75-125 |
| Lead     | 0.48   | "    | 0.500 | -0.01 | 97.7 | 75-125 |
| Mercury  | 0.09   | "    | 0.100 | 0.02  | 73.9 | 75-125 |
| Nickel   | 0.54   | "    | 0.500 | 0.10  | 88.0 | 75-125 |
| Selenium | 0.12   | "    | 0.100 | 0.03  | 92.4 | 75-125 |
| Silver   | 0.13   | "    | 0.100 | 0.05  | 83.0 | 75-125 |
| Zinc     | 0.74   | "    | 0.500 | 0.29  | 90.2 | 75-125 |

SPK1

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10-10-14

|                    |                  |                                |                              |
|--------------------|------------------|--------------------------------|------------------------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:<br>03-Sep-14 18:52 |
| PO Box 70          | Project Number:  | 14038-0004                     |                              |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                              |

**Cation/Anion Analysis - Quality Control**  
**Envirotech Analytical Laboratory**

| Analyte                                           | Result | Reporting Limit | Units | Spike Level                    | Source Result                  | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|---------------------------------------------------|--------|-----------------|-------|--------------------------------|--------------------------------|------|-------------|------|-----------|-------|
| <b>Batch 1435032 - Anion Extraction EPA 300.0</b> |        |                 |       |                                |                                |      |             |      |           |       |
| <b>Blank (1435032-BLK1)</b>                       |        |                 |       | Prepared & Analyzed: 29-Aug-14 |                                |      |             |      |           |       |
| Chloride                                          | ND     | 1.00            | mg/L  |                                |                                |      |             |      |           |       |
| Sulfate                                           | ND     | 1.00            | "     |                                |                                |      |             |      |           |       |
| <b>LCS (1435032-BS1)</b>                          |        |                 |       | Prepared & Analyzed: 29-Aug-14 |                                |      |             |      |           |       |
| Chloride                                          | 47.6   | 1.00            | mg/L  | 50.0                           |                                | 95.2 | 90-110      |      |           |       |
| Sulfate                                           | 47.3   | 1.00            | "     | 50.0                           |                                | 94.5 | 90-110      |      |           |       |
| <b>Matrix Spike (1435032-MS1)</b>                 |        |                 |       | Source: P408122-01             | Prepared & Analyzed: 29-Aug-14 |      |             |      |           |       |
| Chloride                                          | 48.0   | 1.00            | mg/L  | 50.0                           | 3.24                           | 89.5 | 80-120      |      |           |       |
| Sulfate                                           | 80.7   | 1.00            | "     | 50.0                           | 39.3                           | 82.9 | 80-120      |      |           |       |
| <b>Matrix Spike Dup (1435032-MSD1)</b>            |        |                 |       | Source: P408122-01             | Prepared & Analyzed: 29-Aug-14 |      |             |      |           |       |
| Chloride                                          | 51.9   | 1.00            | mg/L  | 50.0                           | 3.24                           | 97.2 | 80-120      | 7.70 | 20        |       |
| Sulfate                                           | 84.2   | 1.00            | "     | 50.0                           | 39.3                           | 89.9 | 80-120      | 4.26 | 20        |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
03-Sep-14 18:52

**Boron-Hot Water Soluble by EPA 6010 - Quality Control**

**Envirotech Analytical Laboratory**

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes                                                      |
|---------------------------------------------------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|------------------------------------------------------------|
| <b>Batch 1435039 - Boron HW Soluble Digestion</b> |        |                 |       |             |               |      |             |     |           |                                                            |
| <b>Blank (1435039-BLK1)</b>                       |        |                 |       |             |               |      |             |     |           |                                                            |
| Boron                                             | ND     | 0.50            | mg/L  |             |               |      |             |     |           | Prepared: 29-Aug-14 Analyzed: 02-Sep-14                    |
| <b>Duplicate (1435039-DUP1)</b>                   |        |                 |       |             |               |      |             |     |           |                                                            |
| Boron                                             | ND     | 0.50            | mg/L  |             | ND            |      |             |     | 30        | Source: P408104-01 Prepared: 29-Aug-14 Analyzed: 02-Sep-14 |
| <b>Matrix Spike (1435039-MS1)</b>                 |        |                 |       |             |               |      |             |     |           |                                                            |
| Boron                                             | 0.57   |                 | mg/L  | 0.500       | 0.08          | 97.9 | 75-125      |     |           | Source: P408104-01 Prepared: 29-Aug-14 Analyzed: 02-Sep-14 |

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Analysis

CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
03-Sep-14 18:52

#### Notes and Definitions

SPK1 The spike recovery for this QC sample is outside of control limits.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

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24 hr. RUSH

## CHAIN OF CUSTODY RECORD

17031

| Client: <b>CCI, LLC</b>                                                                                                                                                           |             | Project Name / Location: <b>Horseshoe Gallup Pipeline Leak</b> |            |                                                                                      | ANALYSIS / PARAMETERS |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------|------------|--------------------------------------------------------------------------------------|-----------------------|--------------------------------------------|-------------------|---------------|----------------|---------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|--|--|-------------|---------------|
| Email results to: <b>T. McIntosh / T. McKnight</b>                                                                                                                                |             | Sampler Name: <b>T. McIntosh</b>                               |            |                                                                                      | TPH (Method 8015)     | BTEX (Method 8021)                         | VOC (Method 8260) | RCRA 8 Metals | Cation / Anion | RCI     | TCLP with H/P | CO Table 910-1                                                                                                                                              | TPH (418.1) | CHLORIDE |  |  | Sample Cool | Sample Intact |
| Client Phone No.: <b>801-842-2265</b>                                                                                                                                             |             | Client No.: <b>14038-0004</b>                                  |            |                                                                                      |                       |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
| Sample No. / Identification                                                                                                                                                       | Sample Date | Sample Time                                                    | Lab No.    | No. / Volume of Containers                                                           | Preservative          |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
|                                                                                                                                                                                   |             |                                                                |            |                                                                                      | HNO <sub>3</sub>      | HCl                                        | CO <sub>2</sub>   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
| water in wash                                                                                                                                                                     | 8/28/14     | 1034                                                           | P408122-01 | 3 VOAs<br>1, 125 mL poly                                                             |                       | X                                          | X                 |               |                |         |               | X                                                                                                                                                           |             |          |  |  | X           | X             |
| hillside                                                                                                                                                                          | 1           | 1052                                                           | P408122-02 | 2, 4-oz jars                                                                         |                       |                                            |                   |               |                |         |               | X                                                                                                                                                           |             |          |  |  | X           | X             |
|                                                                                                                                                                                   |             |                                                                |            |                                                                                      |                       |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
|                                                                                                                                                                                   |             |                                                                |            |                                                                                      |                       |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
|                                                                                                                                                                                   |             |                                                                |            |                                                                                      |                       |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
|                                                                                                                                                                                   |             |                                                                |            |                                                                                      |                       |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
|                                                                                                                                                                                   |             |                                                                |            |                                                                                      |                       |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
|                                                                                                                                                                                   |             |                                                                |            |                                                                                      |                       |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
|                                                                                                                                                                                   |             |                                                                |            |                                                                                      |                       |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
|                                                                                                                                                                                   |             |                                                                |            |                                                                                      |                       |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
|                                                                                                                                                                                   |             |                                                                |            |                                                                                      |                       |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
|                                                                                                                                                                                   |             |                                                                |            |                                                                                      |                       |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
| Relinquished by: (Signature) <i>Tiffany McIntosh</i>                                                                                                                              |             |                                                                |            | Date                                                                                 | Time                  | Received by: (Signature) <i>Miniam Joe</i> |                   |               |                | Date    | Time          |                                                                                                                                                             |             |          |  |  |             |               |
| Relinquished by: (Signature) <i>Tiffany McIntosh</i>                                                                                                                              |             |                                                                |            | 8/28/14                                                                              | 1340                  | Received by: (Signature)                   |                   |               |                | 8/28/14 | 1340          |                                                                                                                                                             |             |          |  |  |             |               |
| Sample Matrix                                                                                                                                                                     |             |                                                                |            |                                                                                      |                       |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
| Sol <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input checked="" type="checkbox"/> Other <input type="checkbox"/> |             |                                                                |            |                                                                                      |                       |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
| <input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.                                                                                               |             |                                                                |            |                                                                                      |                       |                                            |                   |               |                |         |               |                                                                                                                                                             |             |          |  |  |             |               |
| 24 hr. Rush                                                                                                                                                                       |             |                                                                |            |  |                       |                                            |                   | 14.5 9.3 19.1 |                |         |               | <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">143</div> |             |          |  |  |             |               |



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Tax I.D. 62-0814289

Est. 1970

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

### Report Summary

Tuesday September 02, 2014

Report Number: L718831

Samples Received: 08/29/14

Client Project: 14038-0004

Description: Horseshoe Gallup Pipeline Leak

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

T. Alan Harvill , ESC Representative

### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,  
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

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REPORT OF ANALYSIS

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

September 02, 2014

Date Received : August 29, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : HILLSIDE  
Collected By : T. McIntosh  
Collection Date : 08/28/14 10:52

ESC Sample # : L718831-01

Site ID : P408122

Project # : 14038-0004

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 93.0       |            | %      | 2540 G-2011 | 08/30/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.013      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Acenaphthene                      | BDL        | 0.013      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Acenaphthylene                    | BDL        | 0.013      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Benzo(a)anthracene                | BDL        | 0.013      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Benzo(a)pyrene                    | BDL        | 0.013      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Benzo(b)fluoranthene              | BDL        | 0.013      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Benzo(g,h,i)perylene              | BDL        | 0.013      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Benzo(k)fluoranthene              | BDL        | 0.013      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Chrysene                          | BDL        | 0.013      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Dibenz(a,h)anthracene             | BDL        | 0.013      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Fluoranthene                      | BDL        | 0.013      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Fluorene                          | BDL        | 0.013      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.013      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Naphthalene                       | BDL        | 0.043      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Phenanthrene                      | 0.016      | 0.013      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Pyrene                            | BDL        | 0.013      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| 1-Methylnaphthalene               | BDL        | 0.043      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| 2-Methylnaphthalene               | BDL        | 0.043      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| 2-Chloronaphthalene               | BDL        | 0.043      | mg/kg  | 8270C-SIM   | 09/02/14 | 2    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 59.2       |            | % Rec. | 8270C-SIM   | 09/02/14 | 2    |
| 2-Fluorobiphenyl                  | 60.5       |            | % Rec. | 8270C-SIM   | 09/02/14 | 2    |
| p-Terphenyl-d14                   | 57.3       |            | % Rec. | 8270C-SIM   | 09/02/14 | 2    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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The reported analytical results relate only to the sample submitted

Reported: 09/02/14 15:55 Printed: 09/02/14 16:31



YOUR LAB OF CHOICE

EnviroTech- NM  
Lynn Cook  
5796 US. Highway 64  
Farmington, NM 87401

Quality Assurance Report  
Level II

L718831

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Tax I.D. 62-0814289

Est. 1970

September 02, 2014

| Analyte                | Result | Laboratory Blank |       | Limit    | Batch    | Date Analyzed  |
|------------------------|--------|------------------|-------|----------|----------|----------------|
|                        |        | Units            | % Rec |          |          |                |
| Total Solids           | < .1   | %                |       |          | WG740267 | 08/30/14 12:06 |
| 1-Methylnaphthalene    | < .02  | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| 2-Chloronaphthalene    | < .02  | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| 2-Methylnaphthalene    | < .02  | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Acenaphthene           | < .006 | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Acenaphthylene         | < .006 | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Anthracene             | < .006 | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Benzo(a)anthracene     | < .006 | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Benzo(a)pyrene         | < .006 | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Benzo(b)fluoranthene   | < .006 | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Benzo(g,h,i)perylene   | < .006 | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Benzo(k)fluoranthene   | < .006 | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Chrysene               | < .006 | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Dibenz(a,h)anthracene  | < .006 | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Fluoranthene           | < .006 | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Fluorene               | < .006 | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Indeno(1,2,3-cd)pyrene | < .006 | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Naphthalene            | < .02  | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Phenanthrene           | < .006 | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| Pyrene                 | < .006 | mg/kg            |       |          | WG740619 | 09/02/14 12:09 |
| 2-Fluorobiphenyl       | % Rec. |                  | 78.90 | 38.2-135 | WG740619 | 09/02/14 12:09 |
| Nitrobenzene-d5        | % Rec. |                  | 80.40 | 28.4-151 | WG740619 | 09/02/14 12:09 |
| p-Terphenyl-d14        | % Rec. |                  | 77.30 | 34.2-141 | WG740619 | 09/02/14 12:09 |

| Analyte      | Units | Result | Duplicate |       | Limit | Ref Samp   | Batch    |
|--------------|-------|--------|-----------|-------|-------|------------|----------|
|              |       |        | Duplicate | RPD   |       |            |          |
| Total Solids | %     | 85.1   | 84.7      | 0.522 | 5     | L718860-01 | WG740267 |

| Analyte                | Units | Laboratory Control Sample |        | % Rec | Limit    | Batch    |
|------------------------|-------|---------------------------|--------|-------|----------|----------|
|                        |       | Known Val                 | Result |       |          |          |
| Total Solids           | %     | 50                        | 50.0   | 100.  | 85-115   | WG740267 |
| 1-Methylnaphthalene    | mg/kg | .08                       | 0.0667 | 83.4  | 48.9-127 | WG740619 |
| 2-Chloronaphthalene    | mg/kg | .08                       | 0.0662 | 82.7  | 48.8-125 | WG740619 |
| 2-Methylnaphthalene    | mg/kg | .08                       | 0.0663 | 82.8  | 45.7-131 | WG740619 |
| Acenaphthene           | mg/kg | .08                       | 0.0675 | 84.3  | 48.7-127 | WG740619 |
| Acenaphthylene         | mg/kg | .08                       | 0.0682 | 85.2  | 47.9-128 | WG740619 |
| Anthracene             | mg/kg | .08                       | 0.0716 | 89.5  | 51.3-136 | WG740619 |
| Benzo(a)anthracene     | mg/kg | .08                       | 0.0647 | 80.8  | 55-126   | WG740619 |
| Benzo(a)pyrene         | mg/kg | .08                       | 0.0637 | 79.6  | 51.9-127 | WG740619 |
| Benzo(b)fluoranthene   | mg/kg | .08                       | 0.0642 | 80.3  | 54-125   | WG740619 |
| Benzo(g,h,i)perylene   | mg/kg | .08                       | 0.0657 | 82.1  | 53.8-136 | WG740619 |
| Benzo(k)fluoranthene   | mg/kg | .08                       | 0.0631 | 78.8  | 53.9-132 | WG740619 |
| Chrysene               | mg/kg | .08                       | 0.0669 | 83.6  | 55.7-133 | WG740619 |
| Dibenz(a,h)anthracene  | mg/kg | .08                       | 0.0698 | 87.2  | 52.6-137 | WG740619 |
| Fluoranthene           | mg/kg | .08                       | 0.0680 | 85.0  | 54-132   | WG740619 |
| Fluorene               | mg/kg | .08                       | 0.0666 | 83.2  | 48.7-127 | WG740619 |
| Indeno(1,2,3-cd)pyrene | mg/kg | .08                       | 0.0700 | 87.5  | 53.8-138 | WG740619 |
| Naphthalene            | mg/kg | .08                       | 0.0656 | 82.0  | 42-127   | WG740619 |
| Phenanthrene           | mg/kg | .08                       | 0.0643 | 80.4  | 49.6-126 | WG740619 |
| Pyrene                 | mg/kg | .08                       | 0.0646 | 80.7  | 54-129   | WG740619 |
| 2-Fluorobiphenyl       |       |                           |        | 85.80 | 38.2-135 | WG740619 |
| Nitrobenzene-d5        |       |                           |        | 86.30 | 28.4-151 | WG740619 |
| p-Terphenyl-d14        |       |                           |        | 85.90 | 34.2-141 | WG740619 |

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





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EnviroTech- NM  
Lynn Cook  
5796 US. Highway 64  
Farmington, NM 87401

Quality Assurance Report  
Level II

L718831

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Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

September 02, 2014

| Analyte                | Units | Laboratory Control Sample Duplicate |        |       | Limit    | RPD    | Limit | Batch    |
|------------------------|-------|-------------------------------------|--------|-------|----------|--------|-------|----------|
|                        |       | Result                              | Ref    | %Rec  |          |        |       |          |
| 1-Methylnaphthalene    | mg/kg | 0.0670                              | 0.0667 | 84.0  | 48.9-127 | 0.460  | 20    | WG740619 |
| 2-Chloronaphthalene    | mg/kg | 0.0662                              | 0.0662 | 83.0  | 48.8-125 | 0.0900 | 20    | WG740619 |
| 2-Methylnaphthalene    | mg/kg | 0.0662                              | 0.0663 | 83.0  | 45.7-131 | 0.0400 | 20    | WG740619 |
| Acenaphthene           | mg/kg | 0.0679                              | 0.0675 | 85.0  | 48.7-127 | 0.650  | 20    | WG740619 |
| Acenaphthylene         | mg/kg | 0.0681                              | 0.0682 | 85.0  | 47.9-128 | 0.100  | 20    | WG740619 |
| Anthracene             | mg/kg | 0.0727                              | 0.0716 | 91.0  | 51.3-136 | 1.51   | 20    | WG740619 |
| Benzo(a)anthracene     | mg/kg | 0.0648                              | 0.0647 | 81.0  | 55-126   | 0.270  | 20    | WG740619 |
| Benzo(a)pyrene         | mg/kg | 0.0637                              | 0.0637 | 80.0  | 51.9-127 | 0.0700 | 20    | WG740619 |
| Benzo(b)fluoranthene   | mg/kg | 0.0637                              | 0.0642 | 80.0  | 54-125   | 0.740  | 20    | WG740619 |
| Benzo(g,h,i)perylene   | mg/kg | 0.0653                              | 0.0657 | 82.0  | 53.8-136 | 0.610  | 20    | WG740619 |
| Benzo(k)fluoranthene   | mg/kg | 0.0645                              | 0.0631 | 81.0  | 53.9-132 | 2.28   | 20    | WG740619 |
| Chrysene               | mg/kg | 0.0669                              | 0.0669 | 84.0  | 55.7-133 | 0.0100 | 20    | WG740619 |
| Dibenz(a,h)anthracene  | mg/kg | 0.0688                              | 0.0698 | 86.0  | 52.6-137 | 1.37   | 20    | WG740619 |
| Fluoranthene           | mg/kg | 0.0660                              | 0.0680 | 82.0  | 54-132   | 3.00   | 20    | WG740619 |
| Fluorene               | mg/kg | 0.0666                              | 0.0666 | 83.0  | 48.7-127 | 0.0300 | 20    | WG740619 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.0696                              | 0.0700 | 87.0  | 53.8-138 | 0.540  | 20    | WG740619 |
| Naphthalene            | mg/kg | 0.0654                              | 0.0656 | 82.0  | 42-127   | 0.400  | 20    | WG740619 |
| Phenanthrene           | mg/kg | 0.0642                              | 0.0643 | 80.0  | 49.6-126 | 0.260  | 20    | WG740619 |
| Pyrene                 | mg/kg | 0.0633                              | 0.0646 | 79.0  | 54-129   | 2.09   | 20    | WG740619 |
| 2-Fluorobiphenyl       |       |                                     |        | 85.00 | 38.2-135 |        |       | WG740619 |
| Nitrobenzene-d5        |       |                                     |        | 86.00 | 28.4-151 |        |       | WG740619 |
| p-Terphenyl-d14        |       |                                     |        | 82.50 | 34.2-141 |        |       | WG740619 |

Batch number / Run number / Sample number cross reference

WG740267: R2983059: L718831-01  
WG740619: R2983795: L718831-01

\* \* Calculations are performed prior to rounding of reported values.  
\* Performance of this Analyte is outside of established criteria.  
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Lynn Cook  
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Farmington, NM 87401

Quality Assurance Report  
Level II

L718831

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1-800-767-5859  
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Tax I.D. 62-0814289

Est. 1970

September 02, 2014

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



Company Name/Address:

EnviroTech

5796 US Highway 64  
Farmington NM 87401

Billing Information:

Analysis / Container / Preservative

Chain of Custody

Page 1 of 1



YOUR LAB OF CHOICE

13065 Lebanon Rd  
Mount Juliet, TN 37122  
Phone: 615-758-5858  
Phone: 615-767-8859  
Fax: 615-758-6859

L#

C134

Acctnum: ENVIROFNM

Template:

Prelogin:

TSR:

Cooler:

Shipped Via:

Reqs./Chain of Custody

Sample # (lab only)

Report to:

Tim &amp; Lynn

Email To:

Tim &amp; Lynn

Project:

Horseshoe Gallup Pipeline Leak

City/State

Collected:

Phone: 505-632-0615

Client Project #

Lab Project #

Fax:

14038-0004

Collected by (print):

T McIntosh

Site/Facility ID #

P408122

P.O. #

000140775

Collected by (signature):

Rush? (Lab MUST Be Notified)

Date Results Needed

Immediately

Packed on Ice N Y X

Same Day \_\_\_\_\_ 200%

☒ Next Day \_\_\_\_\_ 100%

Two Day \_\_\_\_\_ 50%

Three Day \_\_\_\_\_ 25%

Email? No Yes

FAX? No Yes

No  
of  
Cttrs

Sample ID

Comp/Grab

Matrix \*

Depth

Date

Time

Hillside

SS

8/28/14

10:52

1

X

\* Matrix: SS - Soil GW - Groundwater WW - Waste Water DW - Drinking Water OT - Other

pH Temp

Flow Other

Remarks:

Relinquished by: (Signature)

Date:

8/28/14

Time:

14:55

Received by: (Signature)

Samples returned via: ☐ UPS☒ FedEx ☐ Courier ☐ Other

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: °C Bottles Received

3.5

1 (402)

Relinquished by: (Signature)

Date:

Time:

Received for lab by (Signature)

Date:

8/27/14

Time:

09:00

Hold #

Condition: (lab use only)

COC Seal Intact: Y N NA

pH Checked:

NCF:



## Analytical Report

### Report Summary

Client: CCI, LLC

Chain Of Custody Number: 17261

Samples Received: 9/16/2014 7:39:00AM

Job Number: 14038-0004

Work Order: P409061

Project Name/Location: Horseshoe Gallup  
Pipeline Leak

Entire Report Reviewed By:

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

Date: 9/24/14

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.





CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
24-Sep-14 11:59

### Analytical Report for Samples

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| B Composite      | P409061-01A   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |
|                  | P409061-01B   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |
| C Composite      | P409061-02A   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |
|                  | P409061-02B   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |
| D Composite      | P409061-03A   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |
|                  | P409061-03B   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |
| E Composite      | P409061-04A   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |
|                  | P409061-04B   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |
| F Composite      | P409061-05A   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |
|                  | P409061-05B   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |
| G Composite      | P409061-06A   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |
|                  | P409061-06B   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |
| H Composite      | P409061-07A   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |
|                  | P409061-07B   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |
| I Composite      | P409061-08A   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |
|                  | P409061-08B   | Soil   | 09/15/14 | 09/16/14 | Glass Jar, 4 oz. |

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|                    |                  |                                |                 |
|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 24-Sep-14 11:59 |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                 |

**B Composite**  
**P409061-01 (Solid)**

| Analyte                          | Result | Reporting |       | Units  | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------|--------|-----------|-------|--------|----------|---------|----------|----------|-----------|-------|
|                                  |        | Limit     |       |        |          |         |          |          |           |       |
| Volatile Organics by EPA 8021    |        |           |       |        |          |         |          |          |           |       |
| Benzene                          | ND     | 0.05      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Toluene                          | ND     | 0.05      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Ethylbenzene                     | ND     | 0.05      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| p,m-Xylene                       | ND     | 0.10      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| o-Xylene                         | ND     | 0.05      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Total Xylenes                    | ND     | 0.05      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Total BTEX                       | ND     | 0.05      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Surrogate: 1,3-Dichlorobenzene   |        | 93.6 %    |       | 50-150 |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Surrogate: Bromochlorobenzene    |        | 93.5 %    |       | 50-150 |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Nonhalogenated Organics by 8015  |        |           |       |        |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10) | ND     | 4.99      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)  | ND     | 25.0      | mg/kg | 1      |          | 1438016 | 09/17/14 | 09/17/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl           |        | 81.5 %    |       | 50-200 |          | 1438016 | 09/17/14 | 09/17/14 | EPA 8015D |       |

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laboratory@envirotech-inc.com





CCI, LLC

PO Box 70

Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak

Project Number: 14038-0004

Project Manager: Toni McKnight

Reported:

24-Sep-14 11:59

### C Composite

P409061-02 (Solid)

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.10            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Surrogate: 1,3-Dichlorobenzene         |        | 91.0 %          |       | 50-150   | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Surrogate: Bromochlorobenzene          |        | 85.3 %          |       | 50-150   | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 5.00            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 24.9            | mg/kg | 1        | 1438016 | 09/17/14 | 09/17/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 112 %           |       | 50-200   | 1438016 | 09/17/14 | 09/17/14 | EPA 8015D |       |

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decisions

CCI, LLC

PO Box 70

Kirtland NM, 87417

Project Name:

Horseshoe Gallup Pipeline Leak

Project Number:

14038-0004

Project Manager:

Toni McKnight

Reported:

24-Sep-14 11:59

**D Composite**  
**P409061-03 (Solid)**

| Analyte                          | Result | Reporting |       | Units  | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------|--------|-----------|-------|--------|----------|---------|----------|----------|-----------|-------|
|                                  |        | Limit     |       |        |          |         |          |          |           |       |
| Volatile Organics by EPA 8021    |        |           |       |        |          |         |          |          |           |       |
| Benzene                          | ND     | 0.05      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Toluene                          | ND     | 0.05      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Ethylbenzene                     | ND     | 0.05      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| p,m-Xylene                       | ND     | 0.10      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| o-Xylene                         | ND     | 0.05      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Total Xylenes                    | ND     | 0.05      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Total BTEX                       | ND     | 0.05      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Surrogate: 1,3-Dichlorobenzene   |        | 86.2 %    |       | 50-150 |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Surrogate: Bromochlorobenzene    |        | 82.4 %    |       | 50-150 |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Nonhalogenated Organics by 8015  |        |           |       |        |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10) | ND     | 4.99      | mg/kg | 1      |          | 1438007 | 09/16/14 | 09/17/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)  | ND     | 25.0      | mg/kg | 1      |          | 1438016 | 09/17/14 | 09/17/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl           |        | 98.2 %    |       | 50-200 |          | 1438016 | 09/17/14 | 09/17/14 | EPA 8015D |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
24-Sep-14 11:59

**E Composite**  
**P409061-04 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.10            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| o-Xylene                               | 0.24   | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Total Xylenes                          | 0.24   | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Total BTEX                             | 0.24   | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Surrogate: 1,3-Dichlorobenzene         |        | 149 %           |       | 50-150   | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Surrogate: Bromochlorobenzene          |        | 78.3 %          |       | 50-150   | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | 13.2   | 4.99            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | 75.1   | 25.0            | mg/kg | 1        | 1438016 | 09/17/14 | 09/17/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 70.6 %          |       | 50-200   | 1438016 | 09/17/14 | 09/17/14 | EPA 8015D |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
24-Sep-14 11:59

**F Composite**  
**P409061-05 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes     |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-----------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |           |
| Benzene                                | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |           |
| Toluene                                | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |           |
| Ethylbenzene                           | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |           |
| p,m-Xylene                             | ND     | 0.10            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |           |
| o-Xylene                               | 0.29   | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |           |
| Total Xylenes                          | 0.29   | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |           |
| Total BTEX                             | 0.29   | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |           |
| Surrogate: 1,3-Dichlorobenzene         |        | 173 %           |       | 50-150   | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B | Surrogate |
| Surrogate: Bromochlorobenzene          |        | 84.1 %          |       | 50-150   | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |           |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |           |
| Gasoline Range Organics (C6-C10)       | 16.5   | 5.00            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8015D |           |
| Diesel Range Organics (C10-C28)        | 68.1   | 25.0            | mg/kg | 1        | 1438016 | 09/17/14 | 09/17/14 | EPA 8015D |           |
| Surrogate: o-Terphenyl                 |        | 67.9 %          |       | 50-200   | 1438016 | 09/17/14 | 09/17/14 | EPA 8015D |           |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
24-Sep-14 11:59

**G Composite**  
**P409061-06 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.10            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| o-Xylene                               | 0.26   | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Total Xylenes                          | 0.26   | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Total BTEX                             | 0.26   | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Surrogate: 1,3-Dichlorobenzene         |        | 113 %           |       | 50-150   | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Surrogate: Bromochlorobenzene          |        | 81.7 %          |       | 50-150   | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | 9.24   | 4.99            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | 204    | 25.0            | mg/kg | 1        | 1438016 | 09/17/14 | 09/17/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 89.3 %          |       | 50-200   | 1438016 | 09/17/14 | 09/17/14 | EPA 8015D |       |

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|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 24-Sep-14 11:59 |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                 |

**H Composite**  
**P409061-07 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.10            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Surrogate: 1,3-Dichlorobenzene         |        | 92.7 %          |       | 50-150   | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Surrogate: Bromochlorobenzene          |        | 85.4 %          |       | 50-150   | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 4.98            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | 81.3   | 24.9            | mg/kg | 1        | 1438016 | 09/17/14 | 09/17/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 73.1 %          |       | 50-200   | 1438016 | 09/17/14 | 09/17/14 | EPA 8015D |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
24-Sep-14 11:59

**I Composite**  
**P409061-08 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.10            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.05            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Surrogate: 1,3-Dichlorobenzene         |        | 91.6 %          |       | 50-150   | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| Surrogate: Bromochlorobenzene          |        | 89.0 %          |       | 50-150   | 1438007 | 09/16/14 | 09/17/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 5.00            | mg/kg | 1        | 1438007 | 09/16/14 | 09/17/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 25.0            | mg/kg | 1        | 1438016 | 09/17/14 | 09/18/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 138 %           |       | 50-200   | 1438016 | 09/17/14 | 09/18/14 | EPA 8015D |       |

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|                    |                  |                                |                 |
|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 24-Sep-14 11:59 |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                 |

### Volatile Organics by EPA 8021 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 1438007 - Purge and Trap EPA 5030A

##### Blank (1438007-BLK1)

Prepared: 16-Sep-14 Analyzed: 17-Sep-14

|                                |        |      |       |        |  |      |        |  |  |  |
|--------------------------------|--------|------|-------|--------|--|------|--------|--|--|--|
| Benzene                        | ND     | 0.05 | mg/kg |        |  |      |        |  |  |  |
| Toluene                        | ND     | 0.05 | "     |        |  |      |        |  |  |  |
| Ethylbenzene                   | ND     | 0.05 | "     |        |  |      |        |  |  |  |
| p,m-Xylene                     | ND     | 0.10 | "     |        |  |      |        |  |  |  |
| o-Xylene                       | ND     | 0.05 | "     |        |  |      |        |  |  |  |
| Total Xylenes                  | ND     | 0.05 | "     |        |  |      |        |  |  |  |
| Total BTEX                     | ND     | 0.05 | "     |        |  |      |        |  |  |  |
| Surrogate: 1,3-Dichlorobenzene | 0.0473 |      | "     | 0.0499 |  | 94.8 | 50-150 |  |  |  |
| Surrogate: Bromochlorobenzene  | 0.0466 |      | "     | 0.0499 |  | 93.5 | 50-150 |  |  |  |

##### Duplicate (1438007-DUP1)

Source: P409061-01

Prepared: 16-Sep-14 Analyzed: 17-Sep-14

|                                |        |      |       |        |    |      |        |  |    |  |
|--------------------------------|--------|------|-------|--------|----|------|--------|--|----|--|
| Benzene                        | ND     | 0.05 | mg/kg |        | ND |      |        |  | 30 |  |
| Toluene                        | ND     | 0.05 | "     |        | ND |      |        |  | 30 |  |
| Ethylbenzene                   | ND     | 0.05 | "     |        | ND |      |        |  | 30 |  |
| p,m-Xylene                     | ND     | 0.10 | "     |        | ND |      |        |  | 30 |  |
| o-Xylene                       | ND     | 0.05 | "     |        | ND |      |        |  | 30 |  |
| Surrogate: 1,3-Dichlorobenzene | 0.0460 |      | "     | 0.0500 |    | 92.1 | 50-150 |  |    |  |
| Surrogate: Bromochlorobenzene  | 0.0462 |      | "     | 0.0500 |    | 92.5 | 50-150 |  |    |  |

##### Matrix Spike (1438007-MS1)

Source: P409061-01

Prepared: 16-Sep-14 Analyzed: 17-Sep-14

|                                |      |      |       |      |    |      |        |  |  |  |
|--------------------------------|------|------|-------|------|----|------|--------|--|--|--|
| Benzene                        | 2.06 | 0.05 | mg/kg | 2.50 | ND | 82.6 | 39-150 |  |  |  |
| Toluene                        | 2.07 | 0.05 | "     | 2.50 | ND | 82.9 | 46-148 |  |  |  |
| Ethylbenzene                   | 2.06 | 0.05 | "     | 2.50 | ND | 82.6 | 32-160 |  |  |  |
| p,m-Xylene                     | 3.99 | 0.10 | "     | 5.00 | ND | 79.8 | 46-148 |  |  |  |
| o-Xylene                       | 2.01 | 0.05 | "     | 2.50 | ND | 80.6 | 46-148 |  |  |  |
| Surrogate: 1,3-Dichlorobenzene | 1.98 |      | "     | 2.50 |    | 79.2 | 50-150 |  |  |  |
| Surrogate: Bromochlorobenzene  | 1.89 |      | "     | 2.50 |    | 75.7 | 50-150 |  |  |  |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
24-Sep-14 11:59

**Nonhalogenated Organics by 8015 - Quality Control**

**Envirotech Analytical Laboratory**

| Analyte                                  | Result | Reporting Limit | Units | Spike Level                                                | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|------------------------------------------|--------|-----------------|-------|------------------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1438007 - Purge and Trap EPA 5030A |        |                 |       |                                                            |               |      |             |     |           |       |
| Blank (1438007-BLK1)                     |        |                 |       | Prepared: 16-Sep-14 Analyzed: 17-Sep-14                    |               |      |             |     |           |       |
| Gasoline Range Organics (C6-C10)         | ND     | 4.99            | mg/kg |                                                            |               |      |             |     |           |       |
| Duplicate (1438007-DUP1)                 |        |                 |       | Source: P409061-01 Prepared: 16-Sep-14 Analyzed: 17-Sep-14 |               |      |             |     |           |       |
| Gasoline Range Organics (C6-C10)         | ND     | 5.00            | mg/kg | ND                                                         |               |      |             | 30  |           |       |
| Matrix Spike (1438007-MS1)               |        |                 |       | Source: P409061-01 Prepared: 16-Sep-14 Analyzed: 17-Sep-14 |               |      |             |     |           |       |
| Gasoline Range Organics (C6-C10)         | 20.5   | 5.00            | mg/kg | 22.5                                                       | ND            | 91.1 | 75-125      |     |           |       |

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|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 24-Sep-14 11:59 |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                 |

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte                                         | Result | Reporting Limit | Units | Spike Level                    | Source Result | %REC                           | %REC Limits | RPD  | RPD Limit | Notes |
|-------------------------------------------------|--------|-----------------|-------|--------------------------------|---------------|--------------------------------|-------------|------|-----------|-------|
| <b>Batch 1438016 - DRO Extraction EPA 3550M</b> |        |                 |       |                                |               |                                |             |      |           |       |
| <b>Blank (1438016-BLK1)</b>                     |        |                 |       | Prepared & Analyzed: 17-Sep-14 |               |                                |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | ND     | 25.0            | mg/kg |                                |               |                                |             |      |           |       |
| Surrogate: o-Terphenyl                          | 40.2   |                 | "     | 39.9                           |               | 101                            | 50-200      |      |           |       |
| <b>LCS (1438016-BS1)</b>                        |        |                 |       | Prepared & Analyzed: 17-Sep-14 |               |                                |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 445    | 25.0            | mg/kg | 499                            |               | 89.3                           | 38-132      |      |           |       |
| Surrogate: o-Terphenyl                          | 37.5   |                 | "     | 39.9                           |               | 93.9                           | 50-200      |      |           |       |
| <b>Matrix Spike (1438016-MS1)</b>               |        |                 |       | Source: P409061-01             |               | Prepared & Analyzed: 17-Sep-14 |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 474    | 25.0            | mg/kg | 499                            | ND            | 95.0                           | 38-132      |      |           |       |
| Surrogate: o-Terphenyl                          | 36.7   |                 | "     | 39.9                           |               | 91.8                           | 50-200      |      |           |       |
| <b>Matrix Spike Dup (1438016-MSD1)</b>          |        |                 |       | Source: P409061-01             |               | Prepared & Analyzed: 17-Sep-14 |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 508    | 24.9            | mg/kg | 498                            | ND            | 102                            | 38-132      | 6.85 | 20        |       |
| Surrogate: o-Terphenyl                          | 39.3   |                 | "     | 39.9                           |               | 98.6                           | 50-200      |      |           |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
24-Sep-14 11:59

#### Notes and Definitions

Surr1 Surrogate recovery was above acceptable limits.  
DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

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# CHAIN OF CUSTODY RECORD

17261

| Client: CCI, LLC                                                                                                                                                        |                    |                   | Project Name / Location: Horseshoe Gallup Pipeline |                          |                  | ANALYSIS / PARAMETERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                            |     |      |     |               |                |     |               |                |             |          |          |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------|----------------------------------------------------|--------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----|------|-----|---------------|----------------|-----|---------------|----------------|-------------|----------|----------|---------|-------------------|--------------------|-------------------|---------------|----------------|---------|---------------|----------------|-------------|----------|----------|---------|---------|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Email results to: T. McIntosh / T. McKnight                                                                                                                             |                    |                   | Sampler Name: T. McIntosh                          |                          |                  | <table border="1"> <tr> <td>TPH (Method 8015)</td> <td>BTEX (Method 8021)</td> <td>VOC (Method 8260)</td> <td>RCRA 8 Metals</td> <td>Cation / Anion</td> <td>RCI</td> <td>TCLP with H/P</td> <td>CO Table 910-1</td> <td>TPH (418.1)</td> <td>CHLORIDE</td> <td>8270 Sim</td> <td>per Ton</td> <td>9/16/14</td> <td>9/16/14</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> |                                            |     |      |     |               |                |     |               |                |             |          |          |         | TPH (Method 8015) | BTEX (Method 8021) | VOC (Method 8260) | RCRA 8 Metals | Cation / Anion | RCI     | TCLP with H/P | CO Table 910-1 | TPH (418.1) | CHLORIDE | 8270 Sim | per Ton | 9/16/14 | 9/16/14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TPH (Method 8015)                                                                                                                                                       | BTEX (Method 8021) | VOC (Method 8260) | RCRA 8 Metals                                      | Cation / Anion           | RCI              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |     |      |     |               |                |     |               |                |             |          |          |         | TCLP with H/P     | CO Table 910-1     | TPH (418.1)       | CHLORIDE      | 8270 Sim       | per Ton | 9/16/14       | 9/16/14        |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                         |                    |                   |                                                    |                          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |     |      |     |               |                |     |               |                |             |          |          |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Client Phone No.: 801-842-2265                                                                                                                                          |                    |                   | Client No.: 14038-0004                             |                          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |     |      |     |               |                |     |               |                |             |          |          |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sample No. / Identification                                                                                                                                             | Sample Date        | Sample Time       | Lab No.                                            | No./Volume of Containers | Preservative     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            | TPH | BTEX | VOC | RCRA 8 Metals | Cation / Anion | RCI | TCLP with H/P | CO Table 910-1 | TPH (418.1) | CHLORIDE | 8270 Sim | per Ton | 9/16/14           | 9/16/14            |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                         |                    |                   |                                                    |                          | HNO <sub>3</sub> | HCl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | COOL                                       |     |      |     |               |                |     |               |                |             |          |          |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B composite                                                                                                                                                             | 9/15/14            | 1345              | P409061-01                                         | 2-4oz jars               |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | X                                          | X   | X    |     |               |                |     |               |                |             |          | X        |         |                   | ✓                  | ✓                 |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C composite                                                                                                                                                             |                    | 1355              | P409061-02                                         |                          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |     |      |     |               |                |     |               |                |             |          |          |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| D composite                                                                                                                                                             |                    | 1357              | P409061-03                                         |                          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |     |      |     |               |                |     |               |                |             |          |          |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| E composite                                                                                                                                                             |                    | 1400              | P409061-04                                         |                          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |     |      |     |               |                |     |               |                |             |          |          |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| F composite                                                                                                                                                             |                    | 1403              | P409061-05                                         |                          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |     |      |     |               |                |     |               |                |             |          |          |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| G composite                                                                                                                                                             |                    | 1406              | P409061-06                                         |                          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |     |      |     |               |                |     |               |                |             |          |          |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H composite                                                                                                                                                             |                    | 1409              | P409061-07                                         |                          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |     |      |     |               |                |     |               |                |             |          |          |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| I composite                                                                                                                                                             |                    | 1414              | P409061-08                                         |                          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |     |      |     |               |                |     |               |                |             |          |          |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Relinquished by: (Signature) <i>Liffany McIntosh</i>                                                                                                                    |                    |                   |                                                    |                          | Date             | Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Received by: (Signature) <i>Gene Dizon</i> |     |      |     |               |                |     |               |                |             | Date     | Time     |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Relinquished by: (Signature)                                                                                                                                            |                    |                   |                                                    |                          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Received by: (Signature)                   |     |      |     |               |                |     |               |                |             |          |          |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sample Matrix                                                                                                                                                           |                    |                   |                                                    |                          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |     |      |     |               |                |     |               |                |             |          |          |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/> |                    |                   |                                                    |                          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |     |      |     |               |                |     |               |                |             |          |          |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.                                                                                     |                    |                   |                                                    |                          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |     |      |     |               |                |     |               |                |             |          |          |         |                   |                    |                   |               |                |         |               |                |             |          |          |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



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5.4  
6.4  
7.0





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Est. 1970

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

### Report Summary

Wednesday September 24, 2014

Report Number: L722158

Samples Received: 09/17/14

Client Project: 14038-0004

Description: Horseshoe Gallup Pipeline

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

*Daphne R Richards*

Daphne Richards , ESC Representative

### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
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# REPORT OF ANALYSIS

September 24, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

ESC Sample # : L722158-01

Date Received : September 17, 2014  
Description : Horseshoe Gallup Pipeline

Site ID : P409061

Sample ID : B COMPOSITE

Project # : 14038-0004

Collected By : T. McIntosh  
Collection Date : 09/15/14 13:45

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 88.8       |            | %      | 2540 G-2011 | 09/19/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthene                      | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Chrysene                          | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluoranthene                      | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluorene                          | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Naphthalene                       | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Phenanthrene                      | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Pyrene                            | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 83.1       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| 2-Fluorobiphenyl                  | 89.6       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| p-Terphenyl-d14                   | 69.2       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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# REPORT OF ANALYSIS

September 24, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

ESC Sample # : L722158-02

Date Received : September 17, 2014  
Description : Horseshoe Gallup Pipeline

Site ID : P409061

Sample ID : C COMPOSITE

Project # : 14038-0004

Collected By : T. McIntosh  
Collection Date : 09/15/14 13:55

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 81.3       |            | %      | 2540 G-2011 | 09/19/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0074     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthene                      | BDL        | 0.0074     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0074     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0074     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0074     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0074     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0074     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0074     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Chrysene                          | BDL        | 0.0074     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0074     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluoranthene                      | BDL        | 0.0074     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluorene                          | BDL        | 0.0074     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0074     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Naphthalene                       | BDL        | 0.025      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Phenanthrene                      | BDL        | 0.0074     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Pyrene                            | BDL        | 0.0074     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.025      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.025      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.025      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 81.2       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| 2-Fluorobiphenyl                  | 83.5       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| p-Terphenyl-d14                   | 63.0       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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# REPORT OF ANALYSIS

September 24, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

Date Received : September 17, 2014  
Description : Horseshoe Gallup Pipeline  
Sample ID : D COMPOSITE  
Collected By : T. McIntosh  
Collection Date : 09/15/14 13:57

ESC Sample # : L722158-03

Site ID : P409061

Project # : 14038-0004

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 89.5       |            | %      | 2540 G-2011 | 09/19/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthene                      | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Chrysene                          | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluoranthene                      | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluorene                          | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Naphthalene                       | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Phenanthrene                      | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Pyrene                            | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 82.9       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| 2-Fluorobiphenyl                  | 86.3       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| p-Terphenyl-d14                   | 77.3       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

September 24, 2014

Date Received : September 17, 2014  
Description : Horseshoe Gallup Pipeline  
Sample ID : E COMPOSITE  
Collected By : T. McIntosh  
Collection Date : 09/15/14 14:00

ESC Sample # : L722158-04

Site ID : P409061

Project # : 14038-0004

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 93.7       |            | %      | 2540 G-2011 | 09/19/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0064     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthene                      | BDL        | 0.0064     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0064     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0064     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0064     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0064     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0064     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0064     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Chrysene                          | BDL        | 0.0064     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0064     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluoranthene                      | BDL        | 0.0064     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluorene                          | BDL        | 0.0064     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0064     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Naphthalene                       | BDL        | 0.021      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Phenanthrene                      | BDL        | 0.0064     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Pyrene                            | BDL        | 0.0064     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.021      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.021      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.021      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 90.6       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| 2-Fluorobiphenyl                  | 73.9       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| p-Terphenyl-d14                   | 88.1       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

September 24, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

Date Received : September 17, 2014  
Description : Horseshoe Gallup Pipeline  
Sample ID : F COMPOSITE  
Collected By : T. McIntosh  
Collection Date : 09/15/14 14:03

ESC Sample # : L722158-05

Site ID : P409061

Project # : 14038-0004

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 77.8       |            | %      | 2540 G-2011 | 09/19/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0077     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthene                      | BDL        | 0.0077     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0077     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0077     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0077     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(b)fluoranthene              | 0.0078     | 0.0077     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0077     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0077     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Chrysene                          | BDL        | 0.0077     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0077     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluoranthene                      | 0.014      | 0.0077     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluorene                          | BDL        | 0.0077     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0077     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Naphthalene                       | BDL        | 0.026      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Phenanthrene                      | 0.011      | 0.0077     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Pyrene                            | 0.010      | 0.0077     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.026      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.026      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.026      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 94.4       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| 2-Fluorobiphenyl                  | 84.6       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| p-Terphenyl-d14                   | 93.8       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

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# REPORT OF ANALYSIS

September 24, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

ESC Sample # : L722158-06

Date Received : September 17, 2014  
Description : Horseshoe Gallup Pipeline

Site ID : P409061

Sample ID : G COMPOSITE

Project # : 14038-0004

Collected By : T. McIntosh  
Collection Date : 09/15/14 14:06

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 71.2       |            | %      | 2540 G-2011 | 09/19/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0084     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthene                      | BDL        | 0.0084     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0084     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0084     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0084     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(b)fluoranthene              | 0.011      | 0.0084     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0084     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0084     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Chrysene                          | BDL        | 0.0084     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0084     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluoranthene                      | 0.020      | 0.0084     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluorene                          | BDL        | 0.0084     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0084     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Naphthalene                       | BDL        | 0.028      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Phenanthrene                      | 0.014      | 0.0084     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Pyrene                            | 0.011      | 0.0084     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.028      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.028      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.028      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 122.       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| 2-Fluorobiphenyl                  | 75.9       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| p-Terphenyl-d14                   | 88.4       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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# REPORT OF ANALYSIS

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

September 24, 2014

Date Received : September 17, 2014  
Description : Horseshoe Gallup Pipeline  
Sample ID : H COMPOSITE  
Collected By : T. McIntosh  
Collection Date : 09/15/14 14:09

ESC Sample # : L722158-07

Site ID : P409061

Project # : 14038-0004

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 74.2       |            | %      | 2540 G-2011 | 09/19/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0081     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthene                      | BDL        | 0.0081     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0081     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0081     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0081     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0081     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0081     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0081     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Chrysene                          | BDL        | 0.0081     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0081     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluoranthene                      | BDL        | 0.0081     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluorene                          | BDL        | 0.0081     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0081     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Naphthalene                       | BDL        | 0.027      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Phenanthrene                      | BDL        | 0.0081     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Pyrene                            | BDL        | 0.0081     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.027      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.027      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.027      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 82.0       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| 2-Fluorobiphenyl                  | 71.3       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| p-Terphenyl-d14                   | 68.2       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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# REPORT OF ANALYSIS

September 24, 2014

Lynn Cook  
EnviroTech- NM  
5796 US Highway 64  
Farmington, NM 87401

ESC Sample # : L722158-08

Date Received : September 17, 2014  
Description : Horseshoe Gallup Pipeline

Site ID : P409061

Sample ID : I COMPOSITE

Project # : 14038-0004

Collected By : T. McIntosh  
Collection Date : 09/15/14 14:14

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 90.7       |            | %      | 2540 G-2011 | 09/19/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0066     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthene                      | BDL        | 0.0066     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0066     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0066     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0066     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(b)fluoranthene              | 0.0075     | 0.0066     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0066     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0066     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Chrysene                          | BDL        | 0.0066     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0066     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluoranthene                      | 0.012      | 0.0066     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Fluorene                          | BDL        | 0.0066     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0066     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Naphthalene                       | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Phenanthrene                      | BDL        | 0.0066     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Pyrene                            | 0.0089     | 0.0066     | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 09/22/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 83.1       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| 2-Fluorobiphenyl                  | 87.9       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |
| p-Terphenyl-d14                   | 75.7       |            | % Rec. | 8270C-SIM   | 09/22/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Reported: 09/24/14 10:00 Printed: 09/24/14 10:35

Summary of Remarks For Samples Printed  
09/24/14 at 10:35:31

TSR Signing Reports: 288  
R5 - Desired TAT

Dry wt PO # 000140775 Good through Sept 30 2014 Full TCLP also requires RCI PO NUMBERS ON ALL  
PROJECTS Glycols-sub outs \$225

Sample: L722158-01 Account: ENVIROFNM Received: 09/17/14 09:00 Due Date: 09/24/14 00:00 RPT Date: 09/24/14 10:00  
Sample: L722158-02 Account: ENVIROFNM Received: 09/17/14 09:00 Due Date: 09/24/14 00:00 RPT Date: 09/24/14 10:00  
Sample: L722158-03 Account: ENVIROFNM Received: 09/17/14 09:00 Due Date: 09/24/14 00:00 RPT Date: 09/24/14 10:00  
Sample: L722158-04 Account: ENVIROFNM Received: 09/17/14 09:00 Due Date: 09/24/14 00:00 RPT Date: 09/24/14 10:00  
Sample: L722158-05 Account: ENVIROFNM Received: 09/17/14 09:00 Due Date: 09/24/14 00:00 RPT Date: 09/24/14 10:00  
Sample: L722158-06 Account: ENVIROFNM Received: 09/17/14 09:00 Due Date: 09/24/14 00:00 RPT Date: 09/24/14 10:00  
Sample: L722158-07 Account: ENVIROFNM Received: 09/17/14 09:00 Due Date: 09/24/14 00:00 RPT Date: 09/24/14 10:00  
Sample: L722158-08 Account: ENVIROFNM Received: 09/17/14 09:00 Due Date: 09/24/14 00:00 RPT Date: 09/24/14 10:00





YOUR LAB OF CHOICE

EnviroTech- NM  
Lynn Cook  
5796 US. Highway 64  
Farmington, NM 87401

Quality Assurance Report  
Level II

L722158

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1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

September 24, 2014

| Analyte                | Result | Laboratory Blank |       | Limit    | Batch    | Date Analyzed  |
|------------------------|--------|------------------|-------|----------|----------|----------------|
|                        |        | Units            | % Rec |          |          |                |
| Total Solids           | < .1   | g                |       |          | WG743617 | 09/19/14 07:37 |
| Total Solids           | < .1   | g                |       |          | WG743616 | 09/19/14 07:40 |
| 1-Methylnaphthalene    | < .02  | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| 2-Chloronaphthalene    | < .02  | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| 2-Methylnaphthalene    | < .02  | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Acenaphthene           | < .006 | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Acenaphthylene         | < .006 | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Anthracene             | < .006 | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Benzo(a)anthracene     | < .006 | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Benzo(a)pyrene         | < .006 | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Benzo(b)fluoranthene   | < .006 | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Benzo(g,h,i)perylene   | < .006 | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Benzo(k)fluoranthene   | < .006 | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Chrysene               | < .006 | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Dibenz(a,h)anthracene  | < .006 | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Fluoranthene           | < .006 | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Fluorene               | < .006 | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Indeno(1,2,3-cd)pyrene | < .006 | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Naphthalene            | < .02  | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Phenanthrene           | < .006 | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| Pyrene                 | < .006 | mg/kg            |       |          | WG743812 | 09/22/14 14:52 |
| 2-Fluorobiphenyl       | % Rec. |                  | 94.80 | 38.2-135 | WG743812 | 09/22/14 14:52 |
| Nitrobenzene-d5        | % Rec. |                  | 86.30 | 28.4-151 | WG743812 | 09/22/14 14:52 |
| p-Terphenyl-d14        | % Rec. |                  | 78.80 | 34.2-141 | WG743812 | 09/22/14 14:52 |

| Analyte      | Units | Duplicate |           | RPD   | Limit | Ref Samp   | Batch    |
|--------------|-------|-----------|-----------|-------|-------|------------|----------|
|              |       | Result    | Duplicate |       |       |            |          |
| Total Solids | g     | 80.6      | 81.3      | 0.921 | 5     | L722158-02 | WG743617 |
| Total Solids | g     | 84.5      | 86.4      | 2.26  | 5     | L722142-09 | WG743616 |

| Analyte               | Units | Laboratory Control Sample |        | % Rec | Limit    | Batch    |
|-----------------------|-------|---------------------------|--------|-------|----------|----------|
|                       |       | Known Val                 | Result |       |          |          |
| Total Solids          | g     | 50                        | 50.0   | 100.  | 85-115   | WG743617 |
| Total Solids          | g     | 50                        | 50.0   | 100.  | 85-115   | WG743616 |
| 1-Methylnaphthalene   | mg/kg | .08                       | 0.0652 | 81.5  | 48.9-127 | WG743812 |
| 2-Chloronaphthalene   | mg/kg | .08                       | 0.0780 | 97.5  | 48.8-125 | WG743812 |
| 2-Methylnaphthalene   | mg/kg | .08                       | 0.0653 | 81.6  | 45.7-131 | WG743812 |
| Acenaphthene          | mg/kg | .08                       | 0.0719 | 89.9  | 48.7-127 | WG743812 |
| Acenaphthylene        | mg/kg | .08                       | 0.0689 | 86.1  | 47.9-128 | WG743812 |
| Anthracene            | mg/kg | .08                       | 0.0762 | 95.3  | 51.3-136 | WG743812 |
| Benzo(a)anthracene    | mg/kg | .08                       | 0.0619 | 77.4  | 55-126   | WG743812 |
| Benzo(a)pyrene        | mg/kg | .08                       | 0.0556 | 69.5  | 51.9-127 | WG743812 |
| Benzo(b)fluoranthene  | mg/kg | .08                       | 0.0605 | 75.7  | 54-125   | WG743812 |
| Benzo(g,h,i)perylene  | mg/kg | .08                       | 0.0661 | 82.7  | 53.8-136 | WG743812 |
| Benzo(k)fluoranthene  | mg/kg | .08                       | 0.0804 | 100.  | 53.9-132 | WG743812 |
| Chrysene              | mg/kg | .08                       | 0.0788 | 98.5  | 55.7-133 | WG743812 |
| Dibenz(a,h)anthracene | mg/kg | .08                       | 0.0679 | 84.9  | 52.6-137 | WG743812 |

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





L.A.B S.C.I.E.N.C.E.S

YOUR LAB OF CHOICE

EnviroTech- NM  
Lynn Cook  
5796 US. Highway 64  
Farmington, NM 87401

Quality Assurance Report  
Level II

L722158

12065 Lebanon Rd.  
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(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

September 24, 2014

| Analyte                | Units | Laboratory Control Sample |        | % Rec | Limit    | Batch    |
|------------------------|-------|---------------------------|--------|-------|----------|----------|
|                        |       | Known Val                 | Result |       |          |          |
| Fluoranthene           | mg/kg | .08                       | 0.0783 | 97.8  | 54-132   | WG743812 |
| Fluorene               | mg/kg | .08                       | 0.0718 | 89.8  | 48.7-127 | WG743812 |
| Indeno(1,2,3-cd)pyrene | mg/kg | .08                       | 0.0671 | 83.9  | 53.8-138 | WG743812 |
| Naphthalene            | mg/kg | .08                       | 0.0649 | 81.1  | 42-127   | WG743812 |
| Phenanthrene           | mg/kg | .08                       | 0.0642 | 80.2  | 49.6-126 | WG743812 |
| Pyrene                 | mg/kg | .08                       | 0.0576 | 72.0  | 54-129   | WG743812 |
| 2-Fluorobiphenyl       |       |                           |        | 93.90 | 38.2-135 | WG743812 |
| Nitrobenzene-d5        |       |                           |        | 86.10 | 28.4-151 | WG743812 |
| p-Terphenyl-d14        |       |                           |        | 79.50 | 34.2-141 | WG743812 |

| Analyte                | Units | Laboratory Control Sample Duplicate |        |       | Limit    | RPD   | Limit | Batch    |
|------------------------|-------|-------------------------------------|--------|-------|----------|-------|-------|----------|
|                        |       | Result                              | Ref    | %Rec  |          |       |       |          |
| 1-Methylnaphthalene    | mg/kg | 0.0682                              | 0.0652 | 85.0  | 48.9-127 | 4.48  | 20    | WG743812 |
| 2-Chloronaphthalene    | mg/kg | 0.0805                              | 0.0780 | 100.  | 48.8-125 | 3.14  | 20    | WG743812 |
| 2-Methylnaphthalene    | mg/kg | 0.0688                              | 0.0653 | 86.0  | 45.7-131 | 5.26  | 20    | WG743812 |
| Acenaphthene           | mg/kg | 0.0752                              | 0.0719 | 94.0  | 48.7-127 | 4.43  | 20    | WG743812 |
| Acenaphthylene         | mg/kg | 0.0716                              | 0.0689 | 89.0  | 47.9-128 | 3.77  | 20    | WG743812 |
| Anthracene             | mg/kg | 0.0806                              | 0.0762 | 101.  | 51.3-136 | 5.50  | 20    | WG743812 |
| Benzo(a)anthracene     | mg/kg | 0.0660                              | 0.0619 | 82.0  | 55-126   | 6.43  | 20    | WG743812 |
| Benzo(a)pyrene         | mg/kg | 0.0618                              | 0.0556 | 77.0  | 51.9-127 | 10.6  | 20    | WG743812 |
| Benzo(b)fluoranthene   | mg/kg | 0.0680                              | 0.0605 | 85.0  | 54-125   | 11.6  | 20    | WG743812 |
| Benzo(g,h,i)perylene   | mg/kg | 0.0674                              | 0.0661 | 84.0  | 53.8-136 | 1.85  | 20    | WG743812 |
| Benzo(k)fluoranthene   | mg/kg | 0.0780                              | 0.0804 | 98.0  | 53.9-132 | 2.97  | 20    | WG743812 |
| Chrysene               | mg/kg | 0.0826                              | 0.0788 | 103.  | 55.7-133 | 4.65  | 20    | WG743812 |
| Dibenz(a,h)anthracene  | mg/kg | 0.0690                              | 0.0679 | 86.0  | 52.6-137 | 1.55  | 20    | WG743812 |
| Fluoranthene           | mg/kg | 0.0813                              | 0.0783 | 102.  | 54-132   | 3.86  | 20    | WG743812 |
| Fluorene               | mg/kg | 0.0736                              | 0.0718 | 92.0  | 48.7-127 | 2.49  | 20    | WG743812 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.0675                              | 0.0671 | 84.0  | 53.8-138 | 0.640 | 20    | WG743812 |
| Naphthalene            | mg/kg | 0.0683                              | 0.0649 | 85.0  | 42-127   | 5.04  | 20    | WG743812 |
| Phenanthrene           | mg/kg | 0.0659                              | 0.0642 | 82.0  | 49.6-126 | 2.65  | 20    | WG743812 |
| Pyrene                 | mg/kg | 0.0592                              | 0.0576 | 74.0  | 54-129   | 2.70  | 20    | WG743812 |
| 2-Fluorobiphenyl       |       |                                     |        | 97.40 | 38.2-135 |       |       | WG743812 |
| Nitrobenzene-d5        |       |                                     |        | 93.80 | 28.4-151 |       |       | WG743812 |
| p-Terphenyl-d14        |       |                                     |        | 81.10 | 34.2-141 |       |       | WG743812 |

| Analyte                | Units | Matrix Spike |          |     | % Rec | Limit    | Ref Samp   | Batch    |
|------------------------|-------|--------------|----------|-----|-------|----------|------------|----------|
|                        |       | MS Res       | Ref Res  | TV  |       |          |            |          |
| 1-Methylnaphthalene    | mg/kg | 0.0685       | 0.0      | .08 | 86.0  | 41.8-133 | L722158-01 | WG743812 |
| 2-Chloronaphthalene    | mg/kg | 0.0773       | 0.0      | .08 | 97.0  | 42.4-129 | L722158-01 | WG743812 |
| 2-Methylnaphthalene    | mg/kg | 0.0690       | 0.0      | .08 | 86.0  | 37.5-137 | L722158-01 | WG743812 |
| Acenaphthene           | mg/kg | 0.0729       | 0.0      | .08 | 91.0  | 39.4-132 | L722158-01 | WG743812 |
| Acenaphthylene         | mg/kg | 0.0689       | 0.0      | .08 | 86.0  | 41.3-132 | L722158-01 | WG743812 |
| Anthracene             | mg/kg | 0.0741       | 0.0      | .08 | 93.0  | 36.7-144 | L722158-01 | WG743812 |
| Benzo(a)anthracene     | mg/kg | 0.0648       | 0.0      | .08 | 81.0  | 28-144   | L722158-01 | WG743812 |
| Benzo(a)pyrene         | mg/kg | 0.0648       | 0.0      | .08 | 81.0  | 23.8-147 | L722158-01 | WG743812 |
| Benzo(b)fluoranthene   | mg/kg | 0.0580       | 0.0      | .08 | 73.0  | 18.2-147 | L722158-01 | WG743812 |
| Benzo(g,h,i)perylene   | mg/kg | 0.0626       | 0.0      | .08 | 78.0  | 9.2-155  | L722158-01 | WG743812 |
| Benzo(k)fluoranthene   | mg/kg | 0.0654       | 0.0      | .08 | 82.0  | 26.5-143 | L722158-01 | WG743812 |
| Chrysene               | mg/kg | 0.0699       | 0.0      | .08 | 87.0  | 27.4-150 | L722158-01 | WG743812 |
| Dibenz(a,h)anthracene  | mg/kg | 0.0599       | 0.0      | .08 | 75.0  | 13.8-150 | L722158-01 | WG743812 |
| Fluoranthene           | mg/kg | 0.0859       | 0.0      | .08 | 110.  | 23.2-158 | L722158-01 | WG743812 |
| Fluorene               | mg/kg | 0.0705       | 0.0      | .08 | 88.0  | 30.8-139 | L722158-01 | WG743812 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.0606       | 0.0      | .08 | 76.0  | 10.7-155 | L722158-01 | WG743812 |
| Naphthalene            | mg/kg | 0.0692       | 0.000618 | .08 | 86.0  | 34.9-133 | L722158-01 | WG743812 |
| Phenanthrene           | mg/kg | 0.0698       | 0.0      | .08 | 87.0  | 20.2-150 | L722158-01 | WG743812 |
| Pyrene                 | mg/kg | 0.0647       | 0.0      | .08 | 81.0  | 22.6-151 | L722158-01 | WG743812 |
| 2-Fluorobiphenyl       |       |              |          |     | 96.30 | 38.2-135 |            | WG743812 |

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





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Est. 1970

September 24, 2014

| Analyte         | Units | MSD | Matrix Spike Duplicate |      | Limit | RPD      | Limit Ref Samp | Batch |
|-----------------|-------|-----|------------------------|------|-------|----------|----------------|-------|
|                 |       |     | Ref                    | %Rec |       |          |                |       |
| Nitrobenzene-d5 |       |     |                        |      | 92.90 | 28.4-151 |                |       |
| p-Terphenyl-d14 |       |     |                        |      | 80.80 | 34.2-141 |                |       |

| Analyte                  | Units | MSD    | Matrix Spike Duplicate |       | Limit    | RPD  | Limit Ref Samp  | Batch    |
|--------------------------|-------|--------|------------------------|-------|----------|------|-----------------|----------|
|                          |       |        | Ref                    | %Rec  |          |      |                 |          |
| 1-Methylnaphthalene      | mg/kg | 0.0616 | 0.0685                 | 77.0  | 41.8-133 | 10.6 | 20.9 L722158-01 | WG743812 |
| 2-Chloronaphthalene      | mg/kg | 0.0733 | 0.0773                 | 91.7  | 42.4-129 | 5.31 | 20 L722158-01   | WG743812 |
| 2-Methylnaphthalene      | mg/kg | 0.0623 | 0.0690                 | 77.9  | 37.5-137 | 10.2 | 20.4 L722158-01 | WG743812 |
| Acenaphthene             | mg/kg | 0.0676 | 0.0729                 | 84.5  | 39.4-132 | 7.51 | 20 L722158-01   | WG743812 |
| Acenaphthylene           | mg/kg | 0.0652 | 0.0689                 | 81.4  | 41.3-132 | 5.51 | 20 L722158-01   | WG743812 |
| Anthracene               | mg/kg | 0.0694 | 0.0741                 | 86.8  | 36.7-144 | 6.60 | 20.7 L722158-01 | WG743812 |
| Benzo (a) anthracene     | mg/kg | 0.0536 | 0.0648                 | 67.0  | 28-144   | 19.0 | 24.7 L722158-01 | WG743812 |
| Benzo (a) pyrene         | mg/kg | 0.0562 | 0.0648                 | 70.2  | 23.8-147 | 14.3 | 25.3 L722158-01 | WG743812 |
| Benzo (b) fluoranthene   | mg/kg | 0.0507 | 0.0580                 | 63.3  | 18.2-147 | 13.6 | 29.5 L722158-01 | WG743812 |
| Benzo (g,h,i) perylene   | mg/kg | 0.0519 | 0.0626                 | 64.9  | 9.2-155  | 18.6 | 29.2 L722158-01 | WG743812 |
| Benzo (k) fluoranthene   | mg/kg | 0.0606 | 0.0654                 | 75.7  | 26.5-143 | 7.69 | 26.1 L722158-01 | WG743812 |
| Chrysene                 | mg/kg | 0.0657 | 0.0699                 | 82.1  | 27.4-150 | 6.24 | 25.7 L722158-01 | WG743812 |
| Dibenz (a,h) anthracene  | mg/kg | 0.0522 | 0.0599                 | 65.3  | 13.8-150 | 13.6 | 25.8 L722158-01 | WG743812 |
| Fluoranthene             | mg/kg | 0.0686 | 0.0859                 | 85.8  | 23.2-158 | 22.4 | 26 L722158-01   | WG743812 |
| Fluorene                 | mg/kg | 0.0652 | 0.0705                 | 81.4  | 30.8-139 | 7.82 | 20 L722158-01   | WG743812 |
| Indeno (1,2,3-cd) pyrene | mg/kg | 0.0503 | 0.0606                 | 62.9  | 10.7-155 | 18.5 | 26.9 L722158-01 | WG743812 |
| Naphthalene              | mg/kg | 0.0628 | 0.0692                 | 77.7  | 34.9-133 | 9.68 | 20.4 L722158-01 | WG743812 |
| Phenanthrene             | mg/kg | 0.0578 | 0.0698                 | 72.3  | 20.2-150 | 18.8 | 24.6 L722158-01 | WG743812 |
| Pyrene                   | mg/kg | 0.0524 | 0.0647                 | 65.5  | 22.6-151 | 21.0 | 25.1 L722158-01 | WG743812 |
| 2-Fluorobiphenyl         |       |        |                        | 90.90 | 38.2-135 |      |                 | WG743812 |
| Nitrobenzene-d5          |       |        |                        | 85.00 | 28.4-151 |      |                 | WG743812 |
| p-Terphenyl-d14          |       |        |                        | 73.40 | 34.2-141 |      |                 | WG743812 |

Batch number / Run number / Sample number cross reference

WG743617: R2990901: L722158-02 03 04 05 06 07 08

WG743616: R2990902: L722158-01

WG743812: R2992010 R2992337: L722158-01 02 03 04 05 06 07 08

- \* \* Calculations are performed prior to rounding of reported values.
- \* Performance of this Analyte is outside of established criteria.
- For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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5796 US. Highway 64  
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Est. 1970

September 24, 2014

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



Company Name/Address:  
**EnviroTech**  
5796 US Highway 64  
Farmington NM 87401

Billing Information:

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

**ESC**

LAB SERVICES

YOUR LAB REPORT

12065 Lebanon Rd  
Mount Juliet, TN 37122  
Phone: 615-758-5858  
Phone: 800-767-5859  
Fax: 615-758-5859



Report to: **Tim & Lynn**

Email To: **Tim & Lynn**

Project Description: **Horseshoe Gallup Pipeline**

City/State Collected:

Phone: **505-632-0615**

Client Project #

Lab Project #

Fax:

**14038-0004**

Collected by (print):

Site/Facility ID #

P.O. #

**T. McIntosh**

**P409061**

**140715**

Collected by (signature):

**Rush?** (Lab MUST Be Notified)

Date Results Needed

Immediately

Packed on Ice N ☐ Y ☒

☐ Same Day ..... 200%  
☐ Next Day ..... 100%  
☐ Two Day ..... 50%  
☐ Three Day ..... 25%

Email? ☐ No ☒ Yes  
FAX? ☒ No ☐ Yes

No. of Cntrs

8270 Sim

| Sample ID   | Comp/Grab | Matrix * | Depth | Date     | Time | No. of Cntrs | Analysis | Container | Preservative | Rem./Contaminant | Sample # (lab only) |
|-------------|-----------|----------|-------|----------|------|--------------|----------|-----------|--------------|------------------|---------------------|
| B Composite |           | SS       |       | 09-15-14 | 1345 | 1            | ✓        |           |              |                  | -01                 |
| C Composite |           | SS       |       |          | 1355 | 1            | ✓        |           |              |                  | -02                 |
| D Composite |           | SS       |       |          | 1357 | 1            | ✓        |           |              |                  | -03                 |
| E Composite |           | SS       |       |          | 1400 | 1            | ✓        |           |              |                  | -04                 |
| F Composite |           | SS       |       |          | 1403 | 1            | ✓        |           |              |                  | -05                 |
| G Composite |           | SS       |       |          | 1406 | 1            | ✓        |           |              |                  | -06                 |
| H Composite |           | SS       |       |          | 1409 | 1            | ✓        |           |              |                  | -07                 |
| I Composite |           | SS       |       |          | 1414 | 1            | ✓        |           |              |                  | -08                 |

\* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH \_\_\_\_\_ Temp \_\_\_\_\_

Remarks:

Flow \_\_\_\_\_ Other \_\_\_\_\_

Hold #

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Samples returned via: ☐ UPS

Condition: (lab use only)

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: **2.7** °C Bottles Received: **8 (402)**

COC Seal Intact: ☒ Y ☐ N ☒ NA

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: **9/12/14**

Time: **3:40**

pH Checked:

NCF:



## Analytical Report

### Report Summary

Client: CCI, LLC

Chain Of Custody Number: 17827

Samples Received: 9/26/2014 4:00:00PM

Job Number: 14038-0004

Work Order: P409112

Project Name/Location: Horseshoe Gallup  
Pipeline Leak

Entire Report Reviewed By:

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

Tim Cain, Laboratory Manager

Date: 10/10/14

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.





CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
10-Oct-14 11:47

### Analytical Report for Samples

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| Section M        | P409112-01A   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
|                  | P409112-01B   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
| Section N        | P409112-02A   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
|                  | P409112-02B   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
| Section O        | P409112-03A   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
|                  | P409112-03B   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
| Section P        | P409112-04A   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
|                  | P409112-04B   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
| Section Q        | P409112-05A   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
|                  | P409112-05B   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
| Section S        | P409112-06A   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
|                  | P409112-06B   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
| Section T        | P409112-07A   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
|                  | P409112-07B   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
| Section U        | P409112-08A   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
|                  | P409112-08B   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
| Section V        | P409112-09A   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
|                  | P409112-09B   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
10-Oct-14 11:47

**Section M**  
**P409112-01 (Solid)**

| Analyte                             | Result | Reporting |       | Units  | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-------------------------------------|--------|-----------|-------|--------|----------|---------|----------|----------|-----------|-------|
|                                     |        | Limit     |       |        |          |         |          |          |           |       |
| Volatile Organics by EPA 8021       |        |           |       |        |          |         |          |          |           |       |
| Benzene                             | ND     | 0.10      | mg/kg | 1      |          | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Toluene                             | ND     | 0.10      | mg/kg | 1      |          | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Ethylbenzene                        | ND     | 0.10      | mg/kg | 1      |          | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| p,m-Xylene                          | ND     | 0.20      | mg/kg | 1      |          | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| o-Xylene                            | 0.12   | 0.10      | mg/kg | 1      |          | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total Xylenes                       | 0.12   | 0.10      | mg/kg | 1      |          | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total BTEX                          | 0.12   | 0.10      | mg/kg | 1      |          | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID |        | 103 %     |       | 50-150 |          | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Nonhalogenated Organics by 8015     |        |           |       |        |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)    | ND     | 9.98      | mg/kg | 1      |          | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)     | 66.1   | 29.9      | mg/kg | 1      |          | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl              |        | 104 %     |       | 50-200 |          | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID |        | 92.8 %    |       | 50-150 |          | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
10-Oct-14 11:47

**Section N**  
**P409112-02 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.20            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID    |        | 100 %           |       | 50-150   | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 9.98            | mg/kg | 1        | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | 31.6   | 30.0            | mg/kg | 1        | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 115 %           |       | 50-200   | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID    |        | 90.9 %          |       | 50-150   | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |

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|                    |                  |                                |                 |
|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 10-Oct-14 11:47 |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                 |

**Section O**  
**P409112-03 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.20            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID    |        | 96.8 %          |       | 50-150   | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 9.99            | mg/kg | 1        | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 30.0            | mg/kg | 1        | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 124 %           |       | 50-200   | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID    |        | 88.2 %          |       | 50-150   | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
10-Oct-14 11:47

**Section P**  
**P409112-04 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.20            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID    |        | 97.0 %          |       | 50-150   | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 9.99            | mg/kg | 1        | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 30.0            | mg/kg | 1        | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 102 %           |       | 50-200   | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID    |        | 88.3 %          |       | 50-150   | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |

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|                    |                  |                                |                 |
|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 10-Oct-14 11:47 |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                 |

**Section Q**  
**P409112-05 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.20            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID    |        | 97.5 %          |       | 50-150   | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 9.98            | mg/kg | 1        | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 30.0            | mg/kg | 1        | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 103 %           |       | 50-200   | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID    |        | 88.2 %          |       | 50-150   | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |

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CCI, LLC  
 PO Box 70  
 Kirtland NM, 87417

 Project Name: Horseshoe Gallup Pipeline Leak  
 Project Number: 14038-0004  
 Project Manager: Toni McKnight

 Reported:  
 10-Oct-14 11:47

### Section S

#### P409112-06 (Solid)

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.20            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID    |        | 99.3 %          |       | 50-150   | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 10.0            | mg/kg | 1        | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 30.0            | mg/kg | 1        | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 121 %           |       | 50-200   | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID    |        | 91.1 %          |       | 50-150   | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |

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Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
10-Oct-14 11:47

**Section T**  
**P409112-07 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.20            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID    |        | 103 %           |       | 50-150   | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 9.98            | mg/kg | 1        | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 30.0            | mg/kg | 1        | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 120 %           |       | 50-200   | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID    |        | 92.8 %          |       | 50-150   | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |

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CCI, LLC  
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Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
10-Oct-14 11:47

**Section U**  
**P409112-08 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.20            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID    |        | 105 %           |       | 50-150   | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 9.99            | mg/kg | 1        | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 30.0            | mg/kg | 1        | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 115 %           |       | 50-200   | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID    |        | 94.5 %          |       | 50-150   | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |

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CCI, LLC  
 PO Box 70  
 Kirtland NM, 87417

 Project Name: Horseshoe Gallup Pipeline Leak  
 Project Number: 14038-0004  
 Project Manager: Toni McKnight

 Reported:  
 10-Oct-14 11:47

**Section V**  
**P409112-09 (Solid)**

| Analyte                                    | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|--------------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>       |        |                 |       |          |         |          |          |           |       |
| Benzene                                    | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Toluene                                    | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Ethylbenzene                               | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| p,m-Xylene                                 | ND     | 0.20            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| o-Xylene                                   | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total Xylenes                              | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total BTEX                                 | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> |        | 102 %           |       | 50-150   | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b>     |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)           | ND     | 10.0            | mg/kg | 1        | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)            | ND     | 30.0            | mg/kg | 1        | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| <i>Surrogate: o-Terphenyl</i>              |        | 113 %           |       | 50-200   | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| <i>Surrogate: 4-Bromochlorobenzene-FID</i> |        | 93.1 %          |       | 50-150   | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
10-Oct-14 11:47

### Volatile Organics by EPA 8021 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 1440002 - Purge and Trap EPA 5030A

##### Blank (1440002-BLK1)

Prepared & Analyzed: 02-Oct-14

|               |    |      |       |
|---------------|----|------|-------|
| Benzene       | ND | 0.10 | mg/kg |
| Toluene       | ND | 0.10 | "     |
| Ethylbenzene  | ND | 0.10 | "     |
| p,m-Xylene    | ND | 0.20 | "     |
| o-Xylene      | ND | 0.10 | "     |
| Total Xylenes | ND | 0.10 | "     |
| Total BTEX    | ND | 0.10 | "     |

|                                     |       |   |       |     |        |
|-------------------------------------|-------|---|-------|-----|--------|
| Surrogate: 4-Bromochlorobenzene-PID | 0.413 | " | 0.400 | 103 | 50-150 |
|-------------------------------------|-------|---|-------|-----|--------|

##### LCS (1440002-BS1)

Prepared & Analyzed: 02-Oct-14

|              |       |      |       |      |        |
|--------------|-------|------|-------|------|--------|
| Benzene      | 9670  | ug/L | 10000 | 96.7 | 75-125 |
| Toluene      | 9690  | "    | 10000 | 96.9 | 70-125 |
| Ethylbenzene | 9770  | "    | 10000 | 97.7 | 75-125 |
| p,m-Xylene   | 19800 | "    | 20000 | 99.1 | 80-125 |
| o-Xylene     | 9840  | "    | 10000 | 98.4 | 75-125 |

|                                     |       |       |       |     |        |
|-------------------------------------|-------|-------|-------|-----|--------|
| Surrogate: 4-Bromochlorobenzene-PID | 0.424 | mg/kg | 0.400 | 106 | 50-150 |
|-------------------------------------|-------|-------|-------|-----|--------|

##### Matrix Spike (1440002-MS1)

Source: P409112-01

Prepared & Analyzed: 02-Oct-14

|              |       |      |       |      |      |        |
|--------------|-------|------|-------|------|------|--------|
| Benzene      | 9810  | ug/L | 10000 | 25.5 | 97.8 | 75-125 |
| Toluene      | 9850  | "    | 10000 | 37.1 | 98.2 | 70-125 |
| Ethylbenzene | 9870  | "    | 10000 | 41.1 | 98.3 | 75-125 |
| p,m-Xylene   | 19900 | "    | 20000 | 95.3 | 99.0 | 80-125 |
| o-Xylene     | 9870  | "    | 10000 | 60.3 | 98.1 | 75-125 |

|                                     |       |       |       |     |        |
|-------------------------------------|-------|-------|-------|-----|--------|
| Surrogate: 4-Bromochlorobenzene-PID | 0.403 | mg/kg | 0.399 | 101 | 50-150 |
|-------------------------------------|-------|-------|-------|-----|--------|

##### Matrix Spike Dup (1440002-MSD1)

Source: P409112-01

Prepared & Analyzed: 02-Oct-14

|              |       |      |       |      |     |        |      |    |
|--------------|-------|------|-------|------|-----|--------|------|----|
| Benzene      | 10000 | ug/L | 10000 | 25.5 | 100 | 75-125 | 2.44 | 15 |
| Toluene      | 10100 | "    | 10000 | 37.0 | 101 | 70-125 | 2.50 | 15 |
| Ethylbenzene | 10200 | "    | 10000 | 41.1 | 102 | 75-125 | 3.28 | 15 |
| p,m-Xylene   | 20700 | "    | 20000 | 95.2 | 103 | 80-125 | 4.17 | 15 |
| o-Xylene     | 10300 | "    | 10000 | 60.3 | 102 | 75-125 | 3.84 | 15 |

|                                     |       |       |       |     |        |
|-------------------------------------|-------|-------|-------|-----|--------|
| Surrogate: 4-Bromochlorobenzene-PID | 0.409 | mg/kg | 0.400 | 102 | 50-150 |
|-------------------------------------|-------|-------|-------|-----|--------|

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|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 10-Oct-14 11:47 |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                 |

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 1440002 - Purge and Trap EPA 5030A

##### Blank (1440002-BLK1)

Prepared & Analyzed: 02-Oct-14

|                                     |       |      |       |       |  |      |        |  |  |  |
|-------------------------------------|-------|------|-------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)    | ND    | 9.99 | mg/kg |       |  |      |        |  |  |  |
| Surrogate: 4-Bromochlorobenzene-FID | 0.377 |      | "     | 0.400 |  | 94.4 | 50-150 |  |  |  |

##### LCS (1440002-BS1)

Prepared & Analyzed: 02-Oct-14

|                                     |       |  |       |       |  |      |        |  |  |  |
|-------------------------------------|-------|--|-------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)    | 138   |  | mg/L  | 146   |  | 94.8 | 80-120 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-FID | 0.388 |  | mg/kg | 0.400 |  | 97.0 | 50-150 |  |  |  |

##### Matrix Spike (1440002-MS1)

Source: P409112-01

Prepared & Analyzed: 02-Oct-14

|                                     |       |  |       |       |      |      |        |  |  |  |
|-------------------------------------|-------|--|-------|-------|------|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)    | 139   |  | mg/L  | 146   | 1.95 | 93.5 | 75-125 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-FID | 0.367 |  | mg/kg | 0.399 |      | 91.9 | 50-150 |  |  |  |

##### Matrix Spike Dup (1440002-MSD1)

Source: P409112-01

Prepared & Analyzed: 02-Oct-14

|                                     |       |  |       |       |      |      |        |      |    |  |
|-------------------------------------|-------|--|-------|-------|------|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10)    | 144   |  | mg/L  | 146   | 1.95 | 97.3 | 75-125 | 3.89 | 15 |  |
| Surrogate: 4-Bromochlorobenzene-FID | 0.369 |  | mg/kg | 0.400 |      | 92.2 | 50-150 |      |    |  |

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|                    |                  |                                |                 |
|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 10-Oct-14 11:47 |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                 |

**Nonhalogenated Organics by 8015 - Quality Control**  
**Envirotech Analytical Laboratory**

| Analyte                                         | Result | Reporting Limit | Units | Spike Level                                                | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|-------------------------------------------------|--------|-----------------|-------|------------------------------------------------------------|---------------|------|-------------|------|-----------|-------|
| <b>Batch 1440003 - DRO Extraction EPA 3550M</b> |        |                 |       |                                                            |               |      |             |      |           |       |
| <b>Blank (1440003-BLK1)</b>                     |        |                 |       | Prepared: 29-Sep-14 Analyzed: 02-Oct-14                    |               |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | ND     | 25.0            | mg/kg |                                                            |               |      |             |      |           |       |
| Surrogate: o-Terphenyl                          | 39.1   |                 | "     | 40.0                                                       |               | 97.9 | 50-200      |      |           |       |
| <b>LCS (1440003-BS1)</b>                        |        |                 |       | Prepared: 29-Sep-14 Analyzed: 02-Oct-14                    |               |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 728    | 25.0            | mg/kg | 500                                                        |               | 146  | 38-132      |      |           | SPK1  |
| Surrogate: o-Terphenyl                          | 47.1   |                 | "     | 40.0                                                       |               | 118  | 50-200      |      |           |       |
| <b>Matrix Spike (1440003-MS1)</b>               |        |                 |       | Source: P409112-01 Prepared: 29-Sep-14 Analyzed: 02-Oct-14 |               |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 617    | 29.9            | mg/kg | 499                                                        | 66.1          | 110  | 38-132      |      |           |       |
| Surrogate: o-Terphenyl                          | 48.8   |                 | "     | 39.9                                                       |               | 122  | 50-200      |      |           |       |
| <b>Matrix Spike Dup (1440003-MSD1)</b>          |        |                 |       | Source: P409112-01 Prepared: 29-Sep-14 Analyzed: 02-Oct-14 |               |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 750    | 30.0            | mg/kg | 499                                                        | 66.1          | 137  | 38-132      | 19.5 | 20        | SPK1  |
| Surrogate: o-Terphenyl                          | 53.8   |                 | "     | 40.0                                                       |               | 135  | 50-200      |      |           |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
10-Oct-14 11:47

#### Notes and Definitions

SPK1 The spike recovery for this QC sample is outside of control limits.  
DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

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# CHAIN OF CUSTODY RECORD

17827

| Client:<br><b>CCI, Inc.</b>                                                                                                                                                              |                    |             | Project Name / Location:<br><b>Horseshoe Gallup Pipeline Leak</b> |                          |                  | ANALYSIS / PARAMETERS |                                                |                   |                    |                   |               |                |      |               |                |             |          |              |             |               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------|-------------------------------------------------------------------|--------------------------|------------------|-----------------------|------------------------------------------------|-------------------|--------------------|-------------------|---------------|----------------|------|---------------|----------------|-------------|----------|--------------|-------------|---------------|
| Email results to:                                                                                                                                                                        |                    |             | Sampler Name:<br><b>T. McKnight</b>                               |                          |                  |                       |                                                |                   |                    |                   |               |                |      |               |                |             |          |              |             |               |
| Client Phone No.:                                                                                                                                                                        |                    |             | Client No.:<br><b>14038-0004</b>                                  |                          |                  |                       |                                                |                   |                    |                   |               |                |      |               |                |             |          |              |             |               |
| Sample No. / Identification                                                                                                                                                              | Sample Date        | Sample Time | Lab No.                                                           | No./Volume of Containers | Preservative     |                       |                                                | TPH (Method 8015) | BTEX (Method 8021) | VOC (Method 8260) | RCRA 8 Metals | Cation / Anion | RCI  | TCLP with H/P | CO Table 910-1 | TPH (418.1) | CHLORIDE | 8270 PAH     | Sample Cool | Sample Intact |
|                                                                                                                                                                                          |                    |             |                                                                   |                          | HNO <sub>3</sub> | HCl                   | COOL                                           |                   |                    |                   |               |                |      |               |                |             |          |              |             |               |
| Section M                                                                                                                                                                                | 9/26/14            | 11:30       | P409112-01                                                        | 2-402 Jars               |                  |                       | ✓                                              | ✓                 | ✓                  |                   |               |                |      |               |                |             |          | ✓            | ✓           | ✓             |
| Section N                                                                                                                                                                                | 9/26/14            | 11:58       | P409112-02                                                        |                          |                  |                       | ✓                                              | ✓                 | ✓                  |                   |               |                |      |               |                |             |          | ✓            |             |               |
| Section O                                                                                                                                                                                | 9/26/14            | 12:35       | P409112-03                                                        |                          |                  |                       | ✓                                              | ✓                 | ✓                  |                   |               |                |      |               |                |             |          | ✓            |             |               |
| Section P                                                                                                                                                                                | 9/26/14            | 12:46       | P409112-04                                                        |                          |                  |                       | ✓                                              | ✓                 | ✓                  |                   |               |                |      |               |                |             |          | ✓            |             |               |
| Section Q                                                                                                                                                                                | 9/26/14            | 13:20       | P409112-05                                                        |                          |                  |                       | ✓                                              | ✓                 | ✓                  |                   |               |                |      |               |                |             |          | ✓            |             |               |
| <del>Section R</del>                                                                                                                                                                     | <del>9/26/14</del> |             |                                                                   |                          |                  |                       | <del>✓</del>                                   | <del>✓</del>      | <del>✓</del>       |                   |               |                |      |               |                |             |          | <del>✓</del> |             |               |
| Section S                                                                                                                                                                                | 9/26/14            | 12:05       | P409112-06                                                        |                          |                  |                       | ✓                                              | ✓                 | ✓                  |                   |               |                |      |               |                |             |          | ✓            |             |               |
| Section T                                                                                                                                                                                | 9/26/14            | 12:10       | P409112-07                                                        |                          |                  |                       | ✓                                              | ✓                 | ✓                  |                   |               |                |      |               |                |             |          | ✓            |             |               |
| Section U                                                                                                                                                                                | 9/26/14            | 12:30       | P409112-08                                                        |                          |                  |                       | ✓                                              | ✓                 | ✓                  |                   |               |                |      |               |                |             |          | ✓            |             |               |
| Section V                                                                                                                                                                                | 9/26/14            | 12:51       | P409112-09                                                        |                          |                  |                       | ✓                                              | ✓                 | ✓                  |                   |               |                |      |               |                |             |          | ✓            |             |               |
| Relinquished by: (Signature)<br><i>Toni McKnight</i>                                                                                                                                     |                    |             |                                                                   |                          | Date             | Time                  | Received by: (Signature)<br><i>[Signature]</i> |                   |                    |                   |               | Date           | Time |               |                |             |          |              |             |               |
| Relinquished by: (Signature)                                                                                                                                                             |                    |             |                                                                   |                          |                  |                       | Received by: (Signature)                       |                   |                    |                   |               |                |      |               |                |             |          |              |             |               |
| Sample Matrix<br>Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/> |                    |             |                                                                   |                          |                  |                       |                                                |                   |                    |                   |               |                |      |               |                |             |          |              |             |               |
| <input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.                                                                                                      |                    |             |                                                                   |                          |                  |                       |                                                |                   |                    |                   |               |                |      |               |                |             |          |              |             |               |



9.4 10.7 9.1 (9.78)





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Est. 1970

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

### Report Summary

Thursday October 09, 2014

Report Number: L724662

Samples Received: 09/30/14

Client Project: 14038-0004

Description: Horseshoe Gallup Pipeline Leak

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Daphne Richards, ESC Representative

### Laboratory Certification Numbers

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Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

October 09, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

ESC Sample # : L724662-01

Date Received : September 30, 2014  
Description : Horseshoe Gallup Pipeline Leak

Site ID : P409112

Sample ID : SECTION M

Project # : 14038-0004

Collected By : T. McKnight  
Collection Date : 09/26/14 11:30

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 84.2       |            | %      | 2540 G-2011 | 10/03/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0071     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Acenaphthene                      | BDL        | 0.0071     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0071     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0071     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0071     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0071     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0071     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0071     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Chrysene                          | BDL        | 0.0071     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0071     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Fluoranthene                      | BDL        | 0.0071     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Fluorene                          | BDL        | 0.0071     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0071     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Naphthalene                       | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Phenanthrene                      | 0.0082     | 0.0071     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Pyrene                            | BDL        | 0.0071     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 81.4       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |
| 2-Fluorobiphenyl                  | 87.7       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |
| p-Terphenyl-d14                   | 88.8       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

October 09, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

Date Received : September 30, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : SECTION N  
Collected By : T. McKnight  
Collection Date : 09/26/14 11:58

ESC Sample # : L724662-02

Site ID : P409112

Project # : 14038-0004

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 82.0       |            | %      | 2540 G-2011 | 10/03/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Acenaphthene                      | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Chrysene                          | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Fluoranthene                      | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Fluorene                          | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Naphthalene                       | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Phenanthrene                      | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Pyrene                            | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 83.2       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |
| 2-Fluorobiphenyl                  | 85.6       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |
| p-Terphenyl-d14                   | 90.4       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

Est. 1970

## REPORT OF ANALYSIS

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

October 09, 2014

Date Received : September 30, 2014  
Description : Horseshoe Gallup Pipeline Leak

Sample ID : SECTION P

Collected By : T. McKnight  
Collection Date : 09/26/14 12:46

ESC Sample # : L724662-03

Site ID : P409112

Project # : 14038-0004

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 78.8       |            | %      | 2540 G-2011 | 10/03/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0076     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Acenaphthene                      | BDL        | 0.0076     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0076     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0076     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0076     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0076     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0076     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0076     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Chrysene                          | BDL        | 0.0076     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0076     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Fluoranthene                      | BDL        | 0.0076     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Fluorene                          | BDL        | 0.0076     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0076     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Naphthalene                       | BDL        | 0.025      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Phenanthrene                      | BDL        | 0.0076     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Pyrene                            | BDL        | 0.0076     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.025      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.025      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.025      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 87.9       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |
| 2-Fluorobiphenyl                  | 90.9       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |
| p-Terphenyl-d14                   | 110.       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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# REPORT OF ANALYSIS

October 09, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

Date Received : September 30, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : SECTION Q  
Collected By : T. McKnight  
Collection Date : 09/26/14 13:20

ESC Sample # : L724662-04

Site ID : P409112

Project # : 14038-0004

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 83.5       |            | %      | 2540 G-2011 | 10/03/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | 0.0095     | 0.0072     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Acenaphthene                      | BDL        | 0.0072     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0072     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(a)anthracene                | 0.026      | 0.0072     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(a)pyrene                    | 0.026      | 0.0072     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(b)fluoranthene              | 0.032      | 0.0072     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(g,h,i)perylene              | 0.013      | 0.0072     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(k)fluoranthene              | 0.011      | 0.0072     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Chrysene                          | 0.029      | 0.0072     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0072     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Fluoranthene                      | 0.050      | 0.0072     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Fluorene                          | BDL        | 0.0072     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | 0.013      | 0.0072     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Naphthalene                       | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Phenanthrene                      | 0.038      | 0.0072     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Pyrene                            | 0.048      | 0.0072     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 79.9       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |
| 2-Fluorobiphenyl                  | 84.0       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |
| p-Terphenyl-d14                   | 106.       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

October 09, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

ESC Sample # : L724662-05

Date Received : September 30, 2014  
Description : Horseshoe Gallup Pipeline Leak

Site ID : P409112

Sample ID : SECTION S

Project # : 14038-0004

Collected By : T. McKnight  
Collection Date : 09/26/14 12:05

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 81.8       |            | %      | 2540 G-2011 | 10/03/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Acenaphthene                      | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Chrysene                          | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Fluoranthene                      | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Fluorene                          | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Naphthalene                       | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Phenanthrene                      | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Pyrene                            | BDL        | 0.0073     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.024      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 94.0       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |
| 2-Fluorobiphenyl                  | 90.8       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |
| p-Terphenyl-d14                   | 91.0       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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# REPORT OF ANALYSIS

October 09, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

Date Received : September 30, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : SECTION T  
Collected By : T. McKnight  
Collection Date : 09/26/14 12:10

ESC Sample # : L724662-06

Site ID : P409112

Project # : 14038-0004

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 94.6       |            | %      | 2540 G-2011 | 10/03/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Acenaphthene                      | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Chrysene                          | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Fluoranthene                      | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Fluorene                          | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Naphthalene                       | BDL        | 0.021      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Phenanthrene                      | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Pyrene                            | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.021      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.021      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.021      | mg/kg  | 8270C-SIM   | 10/08/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 101.       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |
| 2-Fluorobiphenyl                  | 77.9       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |
| p-Terphenyl-d14                   | 82.7       |            | % Rec. | 8270C-SIM   | 10/08/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

October 09, 2014

Date Received : September 30, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : SECTION U  
Collected By : T. McKnight  
Collection Date : 09/26/14 12:30

ESC Sample # : L724662-07

Site ID : P409112

Project # : 14038-0004

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 95.1       |            | %      | 2540 G-2011 | 10/04/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Acenaphthene                      | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Chrysene                          | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Fluoranthene                      | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Fluorene                          | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Naphthalene                       | BDL        | 0.021      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Phenanthrene                      | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Pyrene                            | BDL        | 0.0063     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.021      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.021      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.021      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 115.       |            | % Rec. | 8270C-SIM   | 10/07/14 | 1    |
| 2-Fluorobiphenyl                  | 89.4       |            | % Rec. | 8270C-SIM   | 10/07/14 | 1    |
| p-Terphenyl-d14                   | 99.5       |            | % Rec. | 8270C-SIM   | 10/07/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

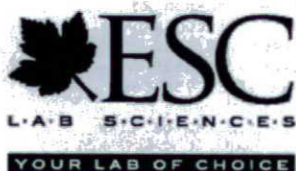
Det. Limit - Practical Quantitation Limit (PQL)

Note:

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The reported analytical results relate only to the sample submitted

Reported: 10/09/14 16:57 Printed: 10/09/14 19:21



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Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

October 09, 2014

Date Received : September 30, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : SECTION V  
Collected By : T. McKnight  
Collection Date : 09/26/14 12:51

ESC Sample # : L724662-08

Site ID : P409112

Project # : 14038-0004

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 89.7       |            | %      | 2540 G-2011 | 10/04/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Acenaphthene                      | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Chrysene                          | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Fluoranthene                      | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Fluorene                          | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Naphthalene                       | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Phenanthrene                      | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Pyrene                            | BDL        | 0.0067     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 101.       |            | % Rec. | 8270C-SIM   | 10/07/14 | 1    |
| 2-Fluorobiphenyl                  | 77.0       |            | % Rec. | 8270C-SIM   | 10/07/14 | 1    |
| p-Terphenyl-d14                   | 94.5       |            | % Rec. | 8270C-SIM   | 10/07/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Est. 1970

# REPORT OF ANALYSIS

October 09, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

Date Received : September 30, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : SECTION O  
Collected By : T. McKnight  
Collection Date : 09/26/14 12:35

ESC Sample # : L724662-09

Site ID : P409112

Project # : 14038-0004

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 75.6       |            | %      | 2540 G-2011 | 10/04/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0079     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Acenaphthene                      | BDL        | 0.0079     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0079     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0079     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0079     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0079     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0079     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0079     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Chrysene                          | BDL        | 0.0079     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0079     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Fluoranthene                      | BDL        | 0.0079     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Fluorene                          | BDL        | 0.0079     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0079     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Naphthalene                       | BDL        | 0.026      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Phenanthrene                      | BDL        | 0.0079     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Pyrene                            | BDL        | 0.0079     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.026      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.026      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.026      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 104.       |            | % Rec. | 8270C-SIM   | 10/07/14 | 1    |
| 2-Fluorobiphenyl                  | 80.8       |            | % Rec. | 8270C-SIM   | 10/07/14 | 1    |
| p-Terphenyl-d14                   | 76.4       |            | % Rec. | 8270C-SIM   | 10/07/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Summary of Remarks For Samples Printed  
10/09/14 at 19:21:05

TSR Signing Reports: 288  
R5 - Desired TAT

Dry wt PO # 000141276 through Dec 31, 2014 Full TCLP also requires RCI PO NUMBERS ON ALL  
PROJECTS Glycols-sub outs \$225

Sample: L724662-01 Account: ENVIROFNM Received: 09/30/14 09:00 Due Date: 10/09/14 00:00 RPT Date: 10/09/14 16:57  
Sample: L724662-02 Account: ENVIROFNM Received: 09/30/14 09:00 Due Date: 10/09/14 00:00 RPT Date: 10/09/14 16:57  
Sample: L724662-03 Account: ENVIROFNM Received: 09/30/14 09:00 Due Date: 10/09/14 00:00 RPT Date: 10/09/14 16:57  
Sample: L724662-04 Account: ENVIROFNM Received: 09/30/14 09:00 Due Date: 10/09/14 00:00 RPT Date: 10/09/14 16:57  
Sample: L724662-05 Account: ENVIROFNM Received: 09/30/14 09:00 Due Date: 10/09/14 00:00 RPT Date: 10/09/14 16:57  
Sample: L724662-06 Account: ENVIROFNM Received: 09/30/14 09:00 Due Date: 10/09/14 00:00 RPT Date: 10/09/14 16:57  
Sample: L724662-07 Account: ENVIROFNM Received: 09/30/14 09:00 Due Date: 10/09/14 00:00 RPT Date: 10/09/14 16:57  
Sample: L724662-08 Account: ENVIROFNM Received: 09/30/14 09:00 Due Date: 10/09/14 00:00 RPT Date: 10/09/14 16:57  
Sample: L724662-09 Account: ENVIROFNM Received: 09/30/14 09:00 Due Date: 10/09/14 00:00 RPT Date: 10/09/14 16:57  
Recieved and added on 10/02/14 MS





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| Analyte                | Result | Laboratory Blank |       | Limit    | Batch    | Date Analyzed  |
|------------------------|--------|------------------|-------|----------|----------|----------------|
|                        |        | Units            | % Rec |          |          |                |
| Total Solids           | < .1   | %                |       |          | WG746272 | 10/03/14 07:55 |
| Total Solids           | < .1   | %                |       |          | WG746362 | 10/04/14 08:58 |
| Total Solids           | < .1   | %                |       |          | WG746667 | 10/04/14 10:10 |
| 1-Methylnaphthalene    | < .02  | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| 2-Chloronaphthalene    | < .02  | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| 2-Methylnaphthalene    | < .02  | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Acenaphthene           | < .006 | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Acenaphthylene         | < .006 | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Anthracene             | < .006 | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Benzo(a)anthracene     | < .006 | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Benzo(a)pyrene         | < .006 | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Benzo(b)fluoranthene   | < .006 | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Benzo(g,h,i)perylene   | < .006 | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Benzo(k)fluoranthene   | < .006 | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Chrysene               | < .006 | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Dibenz(a,h)anthracene  | < .006 | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Fluoranthene           | < .006 | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Fluorene               | < .006 | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Indeno(1,2,3-cd)pyrene | < .006 | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Naphthalene            | < .02  | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Phenanthrene           | < .006 | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| Pyrene                 | < .006 | mg/kg            |       |          | WG747037 | 10/07/14 08:02 |
| 2-Fluorobiphenyl       | % Rec. |                  | 85.70 | 38.2-135 | WG747037 | 10/07/14 08:02 |
| Nitrobenzene-d5        | % Rec. |                  | 75.20 | 28.4-151 | WG747037 | 10/07/14 08:02 |
| p-Terphenyl-d14        | % Rec. |                  | 83.20 | 34.2-141 | WG747037 | 10/07/14 08:02 |
| 1-Methylnaphthalene    | < .02  | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| 2-Chloronaphthalene    | < .02  | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| 2-Methylnaphthalene    | < .02  | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Acenaphthene           | < .006 | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Acenaphthylene         | < .006 | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Anthracene             | < .006 | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Benzo(a)anthracene     | < .006 | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Benzo(a)pyrene         | < .006 | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Benzo(b)fluoranthene   | < .006 | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Benzo(g,h,i)perylene   | < .006 | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Benzo(k)fluoranthene   | < .006 | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Chrysene               | < .006 | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Dibenz(a,h)anthracene  | < .006 | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Fluoranthene           | < .006 | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Fluorene               | < .006 | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Indeno(1,2,3-cd)pyrene | < .006 | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Naphthalene            | < .02  | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Phenanthrene           | < .006 | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| Pyrene                 | < .006 | mg/kg            |       |          | WG747247 | 10/08/14 09:51 |
| 2-Fluorobiphenyl       | % Rec. |                  | 79.40 | 38.2-135 | WG747247 | 10/08/14 09:51 |
| Nitrobenzene-d5        | % Rec. |                  | 96.70 | 28.4-151 | WG747247 | 10/08/14 09:51 |
| p-Terphenyl-d14        | % Rec. |                  | 70.90 | 34.2-141 | WG747247 | 10/08/14 09:51 |

\* Performance of this Analyte is outside of established criteria.  
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





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| Analyte      | Units | Duplicate |           | RPD   | Limit | Ref Samp   | Batch    |
|--------------|-------|-----------|-----------|-------|-------|------------|----------|
|              |       | Result    | Duplicate |       |       |            |          |
| Total Solids | %     | 80.6      | 81.8      | 1.54  | 5     | L724662-05 | WG746272 |
| Total Solids | %     | 86.0      | 86.6      | 0.659 | 5     | L724702-03 | WG746362 |
| Total Solids | %     | 85.1      | 83.9      | 1.47  | 5     | L724915-01 | WG746667 |

| Analyte                    | Units | Laboratory Control Sample |        | % Rec | Limit    | Batch    |
|----------------------------|-------|---------------------------|--------|-------|----------|----------|
|                            |       | Known Val                 | Result |       |          |          |
| Total Solids               | %     | 50                        | 50.0   | 100.  | 85-115   | WG746272 |
| Total Solids               | %     | 50                        | 50.0   | 100.  | 85-115   | WG746362 |
| Total Solids               | %     | 50                        | 50.0   | 100.  | 85-115   | WG746667 |
| 1-Methylnaphthalene        | mg/kg | .08                       | 0.0702 | 87.8  | 48.9-127 | WG747037 |
| 2-Chloronaphthalene        | mg/kg | .08                       | 0.0723 | 90.4  | 48.8-125 | WG747037 |
| 2-Methylnaphthalene        | mg/kg | .08                       | 0.0683 | 85.4  | 45.7-131 | WG747037 |
| Acenaphthene               | mg/kg | .08                       | 0.0696 | 87.0  | 48.7-127 | WG747037 |
| Acenaphthylene             | mg/kg | .08                       | 0.0711 | 88.9  | 47.9-128 | WG747037 |
| Anthracene                 | mg/kg | .08                       | 0.0734 | 91.8  | 51.3-136 | WG747037 |
| Benzo (a) anthracene       | mg/kg | .08                       | 0.0651 | 81.4  | 55-126   | WG747037 |
| Benzo (a) pyrene           | mg/kg | .08                       | 0.0569 | 71.1  | 51.9-127 | WG747037 |
| Benzo (b) fluoranthene     | mg/kg | .08                       | 0.0601 | 75.2  | 54-125   | WG747037 |
| Benzo (g, h, i) perylene   | mg/kg | .08                       | 0.0635 | 79.4  | 53.8-136 | WG747037 |
| Benzo (k) fluoranthene     | mg/kg | .08                       | 0.0784 | 98.0  | 53.9-132 | WG747037 |
| Chrysene                   | mg/kg | .08                       | 0.0695 | 86.8  | 55.7-133 | WG747037 |
| Dibenz (a, h) anthracene   | mg/kg | .08                       | 0.0667 | 83.4  | 52.6-137 | WG747037 |
| Fluoranthene               | mg/kg | .08                       | 0.0708 | 88.5  | 54-132   | WG747037 |
| Fluorene                   | mg/kg | .08                       | 0.0682 | 85.3  | 48.7-127 | WG747037 |
| Indeno (1, 2, 3-cd) pyrene | mg/kg | .08                       | 0.0675 | 84.4  | 53.8-138 | WG747037 |
| Naphthalene                | mg/kg | .08                       | 0.0671 | 83.9  | 42-127   | WG747037 |
| Phenanthrene               | mg/kg | .08                       | 0.0672 | 84.0  | 49.6-126 | WG747037 |
| Pyrene                     | mg/kg | .08                       | 0.0699 | 87.4  | 54-129   | WG747037 |
| 2-Fluorobiphenyl           |       |                           |        | 85.10 | 38.2-135 | WG747037 |
| Nitrobenzene-d5            |       |                           |        | 73.10 | 28.4-151 | WG747037 |
| p-Terphenyl-d14            |       |                           |        | 89.10 | 34.2-141 | WG747037 |

|                            |       |     |        |      |          |          |
|----------------------------|-------|-----|--------|------|----------|----------|
| 1-Methylnaphthalene        | mg/kg | .08 | 0.0608 | 76.0 | 48.9-127 | WG747247 |
| 2-Chloronaphthalene        | mg/kg | .08 | 0.0685 | 85.6 | 48.8-125 | WG747247 |
| 2-Methylnaphthalene        | mg/kg | .08 | 0.0592 | 74.0 | 45.7-131 | WG747247 |
| Acenaphthene               | mg/kg | .08 | 0.0665 | 83.1 | 48.7-127 | WG747247 |
| Acenaphthylene             | mg/kg | .08 | 0.0660 | 82.5 | 47.9-128 | WG747247 |
| Anthracene                 | mg/kg | .08 | 0.0726 | 90.7 | 51.3-136 | WG747247 |
| Benzo (a) anthracene       | mg/kg | .08 | 0.0602 | 75.3 | 55-126   | WG747247 |
| Benzo (a) pyrene           | mg/kg | .08 | 0.0626 | 78.2 | 51.9-127 | WG747247 |
| Benzo (b) fluoranthene     | mg/kg | .08 | 0.0591 | 73.9 | 54-125   | WG747247 |
| Benzo (g, h, i) perylene   | mg/kg | .08 | 0.0590 | 73.8 | 53.8-136 | WG747247 |
| Benzo (k) fluoranthene     | mg/kg | .08 | 0.0683 | 85.4 | 53.9-132 | WG747247 |
| Chrysene                   | mg/kg | .08 | 0.0675 | 84.3 | 55.7-133 | WG747247 |
| Dibenz (a, h) anthracene   | mg/kg | .08 | 0.0596 | 74.5 | 52.6-137 | WG747247 |
| Fluoranthene               | mg/kg | .08 | 0.0670 | 83.8 | 54-132   | WG747247 |
| Fluorene                   | mg/kg | .08 | 0.0616 | 76.9 | 48.7-127 | WG747247 |
| Indeno (1, 2, 3-cd) pyrene | mg/kg | .08 | 0.0618 | 77.3 | 53.8-138 | WG747247 |

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





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| Analyte          | Units | Laboratory Control Sample |        | % Rec | Limit    | Batch    |
|------------------|-------|---------------------------|--------|-------|----------|----------|
|                  |       | Known Val                 | Result |       |          |          |
| Naphthalene      | mg/kg | .08                       | 0.0624 | 78.0  | 42-127   | WG747247 |
| Phenanthrene     | mg/kg | .08                       | 0.0659 | 82.4  | 49.6-126 | WG747247 |
| Pyrene           | mg/kg | .08                       | 0.0605 | 75.6  | 54-129   | WG747247 |
| 2-Fluorobiphenyl |       |                           |        | 76.60 | 38.2-135 | WG747247 |
| Nitrobenzene-d5  |       |                           |        | 101.0 | 28.4-151 | WG747247 |
| p-Terphenyl-d14  |       |                           |        | 68.50 | 34.2-141 | WG747247 |

| Analyte                | Units | Laboratory Control Sample Duplicate |        |       | Limit    | RPD  | Limit | Batch    |
|------------------------|-------|-------------------------------------|--------|-------|----------|------|-------|----------|
|                        |       | Result                              | Ref    | %Rec  |          |      |       |          |
| 1-Methylnaphthalene    | mg/kg | 0.0671                              | 0.0702 | 84.0  | 48.9-127 | 4.51 | 20    | WG747037 |
| 2-Chloronaphthalene    | mg/kg | 0.0693                              | 0.0723 | 86.0  | 48.8-125 | 4.25 | 20    | WG747037 |
| 2-Methylnaphthalene    | mg/kg | 0.0655                              | 0.0683 | 82.0  | 45.7-131 | 4.26 | 20    | WG747037 |
| Acenaphthene           | mg/kg | 0.0664                              | 0.0696 | 83.0  | 48.7-127 | 4.77 | 20    | WG747037 |
| Acenaphthylene         | mg/kg | 0.0680                              | 0.0711 | 85.0  | 47.9-128 | 4.49 | 20    | WG747037 |
| Anthracene             | mg/kg | 0.0708                              | 0.0734 | 88.0  | 51.3-136 | 3.69 | 20    | WG747037 |
| Benzo(a)anthracene     | mg/kg | 0.0624                              | 0.0651 | 78.0  | 55-126   | 4.21 | 20    | WG747037 |
| Benzo(a)pyrene         | mg/kg | 0.0550                              | 0.0569 | 69.0  | 51.9-127 | 3.38 | 20    | WG747037 |
| Benzo(b)fluoranthene   | mg/kg | 0.0645                              | 0.0601 | 81.0  | 54-125   | 7.00 | 20    | WG747037 |
| Benzo(g,h,i)perylene   | mg/kg | 0.0591                              | 0.0635 | 74.0  | 53.8-136 | 7.20 | 20    | WG747037 |
| Benzo(k)fluoranthene   | mg/kg | 0.0704                              | 0.0784 | 88.0  | 53.9-132 | 10.7 | 20    | WG747037 |
| Chrysene               | mg/kg | 0.0672                              | 0.0695 | 84.0  | 55.7-133 | 3.37 | 20    | WG747037 |
| Dibenz(a,h)anthracene  | mg/kg | 0.0623                              | 0.0667 | 78.0  | 52.6-137 | 6.81 | 20    | WG747037 |
| Fluoranthene           | mg/kg | 0.0691                              | 0.0708 | 86.0  | 54-132   | 2.42 | 20    | WG747037 |
| Fluorene               | mg/kg | 0.0653                              | 0.0682 | 82.0  | 48.7-127 | 4.36 | 20    | WG747037 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.0634                              | 0.0675 | 79.0  | 53.8-138 | 6.26 | 20    | WG747037 |
| Naphthalene            | mg/kg | 0.0642                              | 0.0671 | 80.0  | 42-127   | 4.42 | 20    | WG747037 |
| Phenanthrene           | mg/kg | 0.0628                              | 0.0672 | 78.0  | 49.6-126 | 6.71 | 20    | WG747037 |
| Pyrene                 | mg/kg | 0.0636                              | 0.0699 | 80.0  | 54-129   | 9.43 | 20    | WG747037 |
| 2-Fluorobiphenyl       |       |                                     |        | 81.70 | 38.2-135 |      |       | WG747037 |
| Nitrobenzene-d5        |       |                                     |        | 68.10 | 28.4-151 |      |       | WG747037 |
| p-Terphenyl-d14        |       |                                     |        | 80.40 | 34.2-141 |      |       | WG747037 |

|                        |       |        |        |       |          |      |    |          |
|------------------------|-------|--------|--------|-------|----------|------|----|----------|
| 1-Methylnaphthalene    | mg/kg | 0.0669 | 0.0608 | 84.0  | 48.9-127 | 9.62 | 20 | WG747247 |
| 2-Chloronaphthalene    | mg/kg | 0.0753 | 0.0685 | 94.0  | 48.8-125 | 9.40 | 20 | WG747247 |
| 2-Methylnaphthalene    | mg/kg | 0.0649 | 0.0592 | 81.0  | 45.7-131 | 9.14 | 20 | WG747247 |
| Acenaphthene           | mg/kg | 0.0735 | 0.0665 | 92.0  | 48.7-127 | 9.99 | 20 | WG747247 |
| Acenaphthylene         | mg/kg | 0.0728 | 0.0660 | 91.0  | 47.9-128 | 9.79 | 20 | WG747247 |
| Anthracene             | mg/kg | 0.0804 | 0.0726 | 100.0 | 51.3-136 | 10.3 | 20 | WG747247 |
| Benzo(a)anthracene     | mg/kg | 0.0662 | 0.0602 | 83.0  | 55-126   | 9.41 | 20 | WG747247 |
| Benzo(a)pyrene         | mg/kg | 0.0682 | 0.0626 | 85.0  | 51.9-127 | 8.62 | 20 | WG747247 |
| Benzo(b)fluoranthene   | mg/kg | 0.0620 | 0.0591 | 78.0  | 54-125   | 4.72 | 20 | WG747247 |
| Benzo(g,h,i)perylene   | mg/kg | 0.0651 | 0.0590 | 81.0  | 53.8-136 | 9.75 | 20 | WG747247 |
| Benzo(k)fluoranthene   | mg/kg | 0.0772 | 0.0683 | 96.0  | 53.9-132 | 12.2 | 20 | WG747247 |
| Chrysene               | mg/kg | 0.0752 | 0.0675 | 94.0  | 55.7-133 | 10.8 | 20 | WG747247 |
| Dibenz(a,h)anthracene  | mg/kg | 0.0656 | 0.0596 | 82.0  | 52.6-137 | 9.55 | 20 | WG747247 |
| Fluoranthene           | mg/kg | 0.0739 | 0.0670 | 92.0  | 54-132   | 9.73 | 20 | WG747247 |
| Fluorene               | mg/kg | 0.0680 | 0.0616 | 85.0  | 48.7-127 | 9.95 | 20 | WG747247 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.0684 | 0.0618 | 86.0  | 53.8-138 | 10.1 | 20 | WG747247 |
| Naphthalene            | mg/kg | 0.0683 | 0.0624 | 85.0  | 42-127   | 9.12 | 20 | WG747247 |
| Phenanthrene           | mg/kg | 0.0728 | 0.0659 | 91.0  | 49.6-126 | 9.97 | 20 | WG747247 |
| Pyrene                 | mg/kg | 0.0667 | 0.0605 | 83.0  | 54-129   | 9.85 | 20 | WG747247 |
| 2-Fluorobiphenyl       |       |        |        | 84.70 | 38.2-135 |      |    | WG747247 |
| Nitrobenzene-d5        |       |        |        | 113.0 | 28.4-151 |      |    | WG747247 |
| p-Terphenyl-d14        |       |        |        | 76.00 | 34.2-141 |      |    | WG747247 |

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





L.A.B. SCIENCES

YOUR LAB OF CHOICE

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Quality Assurance Report  
Level II

L724662

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(615) 758-5858  
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Tax I.D. 62-0814289

Est. 1970

October 09, 2014

| Analyte                | Units | Matrix Spike |          |     | % Rec | Limit    | Ref Samp   | Batch    |
|------------------------|-------|--------------|----------|-----|-------|----------|------------|----------|
|                        |       | MS Res       | Ref Res  | TV  |       |          |            |          |
| 1-Methylnaphthalene    | mg/kg | 0.0688       | 0.00212  | .08 | 83.0  | 41.8-133 | L725807-01 | WG747037 |
| 2-Chloronaphthalene    | mg/kg | 0.0825       | 0.0      | .08 | 100.  | 42.4-129 | L725807-01 | WG747037 |
| 2-Methylnaphthalene    | mg/kg | 0.0669       | 0.00144  | .08 | 82.0  | 37.5-137 | L725807-01 | WG747037 |
| Acenaphthene           | mg/kg | 0.0780       | 0.000698 | .08 | 97.0  | 39.4-132 | L725807-01 | WG747037 |
| Acenaphthylene         | mg/kg | 0.0776       | 0.0      | .08 | 97.0  | 41.3-132 | L725807-01 | WG747037 |
| Anthracene             | mg/kg | 0.0816       | 0.0      | .08 | 100.  | 36.7-144 | L725807-01 | WG747037 |
| Benzo(a)anthracene     | mg/kg | 0.0701       | 0.00599  | .08 | 80.0  | 28-144   | L725807-01 | WG747037 |
| Benzo(a)pyrene         | mg/kg | 0.0797       | 0.00823  | .08 | 89.0  | 23.8-147 | L725807-01 | WG747037 |
| Benzo(b)fluoranthene   | mg/kg | 0.0706       | 0.00985  | .08 | 76.0  | 18.2-147 | L725807-01 | WG747037 |
| Benzo(g,h,i)perylene   | mg/kg | 0.0728       | 0.00571  | .08 | 84.0  | 9.2-155  | L725807-01 | WG747037 |
| Benzo(k)fluoranthene   | mg/kg | 0.0656       | 0.00439  | .08 | 77.0  | 26.5-143 | L725807-01 | WG747037 |
| Chrysene               | mg/kg | 0.0755       | 0.00875  | .08 | 83.0  | 27.4-150 | L725807-01 | WG747037 |
| Dibenz(a,h)anthracene  | mg/kg | 0.0681       | 0.000777 | .08 | 84.0  | 13.8-150 | L725807-01 | WG747037 |
| Fluoranthene           | mg/kg | 0.0914       | 0.0214   | .08 | 88.0  | 23.2-158 | L725807-01 | WG747037 |
| Fluorene               | mg/kg | 0.0700       | 0.000750 | .08 | 87.0  | 30.8-139 | L725807-01 | WG747037 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.0740       | 0.00422  | .08 | 87.0  | 10.7-155 | L725807-01 | WG747037 |
| Naphthalene            | mg/kg | 0.0751       | 0.00236  | .08 | 91.0  | 34.9-133 | L725807-01 | WG747037 |
| Phenanthrene           | mg/kg | 0.0787       | 0.00928  | .08 | 87.0  | 20.2-150 | L725807-01 | WG747037 |
| Pyrene                 | mg/kg | 0.0994       | 0.0162   | .08 | 100.  | 22.6-151 | L725807-01 | WG747037 |
| 2-Fluorobiphenyl       |       |              |          |     | 81.30 | 38.2-135 |            | WG747037 |
| Nitrobenzene-d5        |       |              |          |     | 98.20 | 28.4-151 |            | WG747037 |
| p-Terphenyl-d14        |       |              |          |     | 98.70 | 34.2-141 |            | WG747037 |
| 1-Methylnaphthalene    | mg/kg | 0.0599       | 0.0      | .08 | 75.0  | 41.8-133 | L724662-06 | WG747247 |
| 2-Chloronaphthalene    | mg/kg | 0.0669       | 0.0      | .08 | 84.0  | 42.4-129 | L724662-06 | WG747247 |
| 2-Methylnaphthalene    | mg/kg | 0.0585       | 0.0      | .08 | 73.0  | 37.5-137 | L724662-06 | WG747247 |
| Acenaphthene           | mg/kg | 0.0649       | 0.0      | .08 | 81.0  | 39.4-132 | L724662-06 | WG747247 |
| Acenaphthylene         | mg/kg | 0.0653       | 0.0      | .08 | 82.0  | 41.3-132 | L724662-06 | WG747247 |
| Anthracene             | mg/kg | 0.0686       | 0.0      | .08 | 86.0  | 36.7-144 | L724662-06 | WG747247 |
| Benzo(a)anthracene     | mg/kg | 0.0606       | 0.0      | .08 | 76.0  | 28-144   | L724662-06 | WG747247 |
| Benzo(a)pyrene         | mg/kg | 0.0609       | 0.0      | .08 | 76.0  | 23.8-147 | L724662-06 | WG747247 |
| Benzo(b)fluoranthene   | mg/kg | 0.0534       | 0.0      | .08 | 67.0  | 18.2-147 | L724662-06 | WG747247 |
| Benzo(g,h,i)perylene   | mg/kg | 0.0574       | 0.0      | .08 | 72.0  | 9.2-155  | L724662-06 | WG747247 |
| Benzo(k)fluoranthene   | mg/kg | 0.0618       | 0.0      | .08 | 77.0  | 26.5-143 | L724662-06 | WG747247 |
| Chrysene               | mg/kg | 0.0635       | 0.0      | .08 | 79.0  | 27.4-150 | L724662-06 | WG747247 |
| Dibenz(a,h)anthracene  | mg/kg | 0.0582       | 0.0      | .08 | 73.0  | 13.8-150 | L724662-06 | WG747247 |
| Fluoranthene           | mg/kg | 0.0568       | 0.0      | .08 | 71.0  | 23.2-158 | L724662-06 | WG747247 |
| Fluorene               | mg/kg | 0.0607       | 0.0      | .08 | 76.0  | 30.8-139 | L724662-06 | WG747247 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.0603       | 0.0      | .08 | 75.0  | 10.7-155 | L724662-06 | WG747247 |
| Naphthalene            | mg/kg | 0.0618       | 0.000719 | .08 | 76.0  | 34.9-133 | L724662-06 | WG747247 |
| Phenanthrene           | mg/kg | 0.0655       | 0.0      | .08 | 82.0  | 20.2-150 | L724662-06 | WG747247 |
| Pyrene                 | mg/kg | 0.0774       | 0.0      | .08 | 97.0  | 22.6-151 | L724662-06 | WG747247 |
| 2-Fluorobiphenyl       |       |              |          |     | 75.70 | 38.2-135 |            | WG747247 |
| Nitrobenzene-d5        |       |              |          |     | 97.80 | 28.4-151 |            | WG747247 |
| p-Terphenyl-d14        |       |              |          |     | 90.10 | 34.2-141 |            | WG747247 |

| Analyte              | Units | Matrix Spike Duplicate |        |      | Limit    | RPD   | Limit | Ref Samp   | Batch    |
|----------------------|-------|------------------------|--------|------|----------|-------|-------|------------|----------|
|                      |       | MSD                    | Ref    | %Rec |          |       |       |            |          |
| 1-Methylnaphthalene  | mg/kg | 0.0683                 | 0.0688 | 82.7 | 41.8-133 | 0.860 | 20.9  | L725807-01 | WG747037 |
| 2-Chloronaphthalene  | mg/kg | 0.0765                 | 0.0825 | 95.6 | 42.4-129 | 7.60  | 20    | L725807-01 | WG747037 |
| 2-Methylnaphthalene  | mg/kg | 0.0659                 | 0.0669 | 80.6 | 37.5-137 | 1.52  | 20.4  | L725807-01 | WG747037 |
| Acenaphthene         | mg/kg | 0.0739                 | 0.0780 | 91.5 | 39.4-132 | 5.39  | 20    | L725807-01 | WG747037 |
| Acenaphthylene       | mg/kg | 0.0742                 | 0.0776 | 92.7 | 41.3-132 | 4.54  | 20    | L725807-01 | WG747037 |
| Anthracene           | mg/kg | 0.0800                 | 0.0816 | 100. | 36.7-144 | 2.03  | 20.7  | L725807-01 | WG747037 |
| Benzo(a)anthracene   | mg/kg | 0.0712                 | 0.0701 | 81.5 | 28-144   | 1.51  | 24.7  | L725807-01 | WG747037 |
| Benzo(a)pyrene       | mg/kg | 0.0714                 | 0.0797 | 79.0 | 23.8-147 | 10.9  | 25.3  | L725807-01 | WG747037 |
| Benzo(b)fluoranthene | mg/kg | 0.0746                 | 0.0706 | 80.9 | 18.2-147 | 5.53  | 29.5  | L725807-01 | WG747037 |
| Benzo(g,h,i)perylene | mg/kg | 0.0665                 | 0.0728 | 75.9 | 9.2-155  | 9.06  | 29.2  | L725807-01 | WG747037 |

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





YOUR LAB OF CHOICE

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Tax I.D. 62-0814289

Est. 1970

October 09, 2014

| Analyte                | Units | MSD    | Matrix Spike Duplicate |       | Limit    | RPD   | Limit | Ref Samp   | Batch    |
|------------------------|-------|--------|------------------------|-------|----------|-------|-------|------------|----------|
|                        |       |        | Ref                    | %Rec  |          |       |       |            |          |
| Benzo(k) fluoranthene  | mg/kg | 0.0651 | 0.0656                 | 75.9  | 26.5-143 | 0.860 | 26.1  | L725807-01 | WG747037 |
| Chrysene               | mg/kg | 0.0744 | 0.0755                 | 82.1  | 27.4-150 | 1.44  | 25.7  | L725807-01 | WG747037 |
| Dibenz(a,h)anthracene  | mg/kg | 0.0601 | 0.0681                 | 74.2  | 13.8-150 | 12.5  | 25.8  | L725807-01 | WG747037 |
| Fluoranthene           | mg/kg | 0.0889 | 0.0914                 | 84.4  | 23.2-158 | 2.78  | 26    | L725807-01 | WG747037 |
| Fluorene               | mg/kg | 0.0676 | 0.0700                 | 83.6  | 30.8-139 | 3.47  | 20    | L725807-01 | WG747037 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.0664 | 0.0740                 | 77.7  | 10.7-155 | 10.9  | 26.9  | L725807-01 | WG747037 |
| Naphthalene            | mg/kg | 0.0705 | 0.0751                 | 85.2  | 34.9-133 | 6.25  | 20.4  | L725807-01 | WG747037 |
| Phenanthrene           | mg/kg | 0.0792 | 0.0787                 | 87.4  | 20.2-150 | 0.530 | 24.6  | L725807-01 | WG747037 |
| Pyrene                 | mg/kg | 0.0856 | 0.0994                 | 86.8  | 22.6-151 | 14.9  | 25.1  | L725807-01 | WG747037 |
| 2-Fluorobiphenyl       |       |        |                        | 83.90 | 38.2-135 |       |       |            | WG747037 |
| Nitrobenzene-d5        |       |        |                        | 102.0 | 28.4-151 |       |       |            | WG747037 |
| p-Terphenyl-d14        |       |        |                        | 82.70 | 34.2-141 |       |       |            | WG747037 |
| 1-Methylnaphthalene    | mg/kg | 0.0633 | 0.0599                 | 79.1  | 41.8-133 | 5.52  | 20.9  | L724662-06 | WG747247 |
| 2-Chloronaphthalene    | mg/kg | 0.0705 | 0.0669                 | 88.1  | 42.4-129 | 5.20  | 20    | L724662-06 | WG747247 |
| 2-Methylnaphthalene    | mg/kg | 0.0615 | 0.0585                 | 76.8  | 37.5-137 | 4.85  | 20.4  | L724662-06 | WG747247 |
| Acenaphthene           | mg/kg | 0.0686 | 0.0649                 | 85.8  | 39.4-132 | 5.62  | 20    | L724662-06 | WG747247 |
| Acenaphthylene         | mg/kg | 0.0698 | 0.0653                 | 87.3  | 41.3-132 | 6.69  | 20    | L724662-06 | WG747247 |
| Anthracene             | mg/kg | 0.0746 | 0.0686                 | 93.3  | 36.7-144 | 8.32  | 20.7  | L724662-06 | WG747247 |
| Benzo(a)anthracene     | mg/kg | 0.0633 | 0.0606                 | 79.2  | 28-144   | 4.45  | 24.7  | L724662-06 | WG747247 |
| Benzo(a)pyrene         | mg/kg | 0.0641 | 0.0609                 | 80.2  | 23.8-147 | 5.12  | 25.3  | L724662-06 | WG747247 |
| Benzo(b)fluoranthene   | mg/kg | 0.0604 | 0.0534                 | 75.5  | 18.2-147 | 12.4  | 29.5  | L724662-06 | WG747247 |
| Benzo(g,h,i)perylene   | mg/kg | 0.0625 | 0.0574                 | 78.1  | 9.2-155  | 8.42  | 29.2  | L724662-06 | WG747247 |
| Benzo(k)fluoranthene   | mg/kg | 0.0698 | 0.0618                 | 87.2  | 26.5-143 | 12.2  | 26.1  | L724662-06 | WG747247 |
| Chrysene               | mg/kg | 0.0678 | 0.0635                 | 84.7  | 27.4-150 | 6.52  | 25.7  | L724662-06 | WG747247 |
| Dibenz(a,h)anthracene  | mg/kg | 0.0642 | 0.0582                 | 80.3  | 13.8-150 | 9.78  | 25.8  | L724662-06 | WG747247 |
| Fluoranthene           | mg/kg | 0.0660 | 0.0568                 | 82.5  | 23.2-158 | 15.1  | 26    | L724662-06 | WG747247 |
| Fluorene               | mg/kg | 0.0640 | 0.0607                 | 80.0  | 30.8-139 | 5.29  | 20    | L724662-06 | WG747247 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.0658 | 0.0603                 | 82.2  | 10.7-155 | 8.72  | 26.9  | L724662-06 | WG747247 |
| Naphthalene            | mg/kg | 0.0634 | 0.0618                 | 78.3  | 34.9-133 | 2.60  | 20.4  | L724662-06 | WG747247 |
| Phenanthrene           | mg/kg | 0.0686 | 0.0655                 | 85.7  | 20.2-150 | 4.64  | 24.6  | L724662-06 | WG747247 |
| Pyrene                 | mg/kg | 0.0784 | 0.0774                 | 98.0  | 22.6-151 | 1.23  | 25.1  | L724662-06 | WG747247 |
| 2-Fluorobiphenyl       |       |        |                        | 80.60 | 38.2-135 |       |       |            | WG747247 |
| Nitrobenzene-d5        |       |        |                        | 109.0 | 28.4-151 |       |       |            | WG747247 |
| p-Terphenyl-d14        |       |        |                        | 90.10 | 34.2-141 |       |       |            | WG747247 |

Batch number /Run number / Sample number cross reference

WG746272: R2994813: L724662-01 02 03 04 05 06  
WG746362: R2995121: L724662-07 08  
WG746667: R2995142: L724662-09  
WG747037: R2995644: L724662-07 08 09  
WG747247: R2996199 R2996208: L724662-01 02 03 04 05 06

\* \* Calculations are performed prior to rounding of reported values.  
\* Performance of this Analyte is outside of established criteria.  
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



L A B S C I E N C E S

YOUR LAB OF CHOICE

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Quality Assurance Report  
Level II

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Tax I.D. 62-0814289

Est. 1970

October 09, 2014

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



| Company Name/Address:<br><b>EnviroTech</b><br>5796 US Highway 64<br>Farmington NM 87401                                                                                              |                     |  | Billing Information:                                                                                                                                                                                      |  |  | Analysis / Container / Preservative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  | Chain of Custody Page 1 of 1 |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------------------------------------------------------------------------------------------------------------------------------|--|--|-------------------------------------------------------------------------------------------------------------------------------|--|--|---------------------------------------------------------------------------------------------------------------|--|--|------------------------------|--|------------------|---------------------|-----|--|------|--|-----|------|-----|--|-----|--|-----|--|-----|--|-----|--|
| Report to: <b>Tim &amp; Lynn</b>                                                                                                                                                     |                     |  | Email To: <b>Tim &amp; Lynn</b>                                                                                                                                                                           |  |  | <div style="text-align: center;"> <br/> <b>ESC</b><br/> <small>L.A.B. S.C.I.E.N.C.E.S.</small><br/> <hr/> <small>YOUR LAB OF CHOICE</small><br/> <small>12065 Lebanon Rd<br/>Mount Juliet, TN 37122<br/>Phone: 615-758-0858<br/>Phone: 800-767-6819<br/>Fax: 615-758-0859</small> </div> <div style="text-align: center;"> <br/> <b>A229</b><br/> <hr/> <small>Acctnum: ENVIROFNM</small><br/> <small>Template:</small><br/> <small>Prelogin:</small><br/> <small>TSR:</small><br/> <small>Cooler:</small><br/> <small>Shipped Via:</small><br/> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Rem./Contaminant</th> <th style="width: 50%;">Sample # (lab only)</th> </tr> <tr><td>1-d</td><td></td></tr> <tr><td>2-Q</td><td></td></tr> <tr><td>3-B</td><td></td></tr> <tr><td>4-Q</td><td></td></tr> <tr><td>5-B</td><td></td></tr> <tr><td>6-Q</td><td></td></tr> <tr><td>7-Q</td><td></td></tr> <tr><td>8-Q</td><td></td></tr> </table> </div> |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  | Rem./Contaminant | Sample # (lab only) | 1-d |  | 2-Q  |  | 3-B |      | 4-Q |  | 5-B |  | 6-Q |  | 7-Q |  | 8-Q |  |
| Rem./Contaminant                                                                                                                                                                     | Sample # (lab only) |  |                                                                                                                                                                                                           |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| 1-d                                                                                                                                                                                  |                     |  |                                                                                                                                                                                                           |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| 2-Q                                                                                                                                                                                  |                     |  |                                                                                                                                                                                                           |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| 3-B                                                                                                                                                                                  |                     |  |                                                                                                                                                                                                           |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| 4-Q                                                                                                                                                                                  |                     |  |                                                                                                                                                                                                           |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| 5-B                                                                                                                                                                                  |                     |  |                                                                                                                                                                                                           |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| 6-Q                                                                                                                                                                                  |                     |  |                                                                                                                                                                                                           |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| 7-Q                                                                                                                                                                                  |                     |  |                                                                                                                                                                                                           |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| 8-Q                                                                                                                                                                                  |                     |  |                                                                                                                                                                                                           |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Project Description: <b>Horseshoe Gallup Pipeline Leak</b>                                                                                                                           |                     |  | City/State Collected:                                                                                                                                                                                     |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Phone: <b>505-632-0615</b>                                                                                                                                                           |                     |  | Client Project # <b>14038-0004</b>                                                                                                                                                                        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Fax:                                                                                                                                                                                 |                     |  | Lab Project #                                                                                                                                                                                             |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Collected by (print): <b>T. McKnight</b>                                                                                                                                             |                     |  | Site/Facility ID # <b>P409112*</b>                                                                                                                                                                        |  |  | P.O. # <b>140715</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  | <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; font-size: 1.2em;"> 8270 PAH SIM </div> |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Collected by (signature):                                                                                                                                                            |                     |  | <b>Rush? (Lab MUST be Notified)</b><br><input type="checkbox"/> Same Day 200%<br><input type="checkbox"/> Next Day 100%<br><input type="checkbox"/> Two Day 50%<br><input type="checkbox"/> Three Day 25% |  |  | Date Results Needed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Immediately Packed on Ice N <input type="checkbox"/> Y <input checked="" type="checkbox"/>                                                                                           |                     |  | Email? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes                                                                                                                                |  |  | FAX? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Sample ID                                                                                                                                                                            |                     |  | Comp/Grab                                                                                                                                                                                                 |  |  | Matrix *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  | Depth               |     |  | Date |  |     | Time |     |  |     |  |     |  |     |  |     |  |
| Section M                                                                                                                                                                            |                     |  |                                                                                                                                                                                                           |  |  | SS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |                                                                                                                              |  |  | 9/26/14                                                                                                                       |  |  | 11:30                                                                                                         |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Section N                                                                                                                                                                            |                     |  |                                                                                                                                                                                                           |  |  | SS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  | 11:58                                                                                                         |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Section O                                                                                                                                                                            |                     |  |                                                                                                                                                                                                           |  |  | SS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  | 12:35                                                                                                         |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Section P                                                                                                                                                                            |                     |  |                                                                                                                                                                                                           |  |  | SS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  | 12:46                                                                                                         |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Section Q                                                                                                                                                                            |                     |  |                                                                                                                                                                                                           |  |  | SS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  | 13:20                                                                                                         |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Section S                                                                                                                                                                            |                     |  |                                                                                                                                                                                                           |  |  | SS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  | 12:05                                                                                                         |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Section T                                                                                                                                                                            |                     |  |                                                                                                                                                                                                           |  |  | SS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  | 12:10                                                                                                         |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Section U                                                                                                                                                                            |                     |  |                                                                                                                                                                                                           |  |  | SS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  | 12:30                                                                                                         |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Section V                                                                                                                                                                            |                     |  |                                                                                                                                                                                                           |  |  | SS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  | 12:51                                                                                                         |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| <small>* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other</small>                                                                                   |                     |  |                                                                                                                                                                                                           |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Remarks: <span style="float: right;">pH _____ Temp _____</span><br><div style="text-align: center; font-size: 1.5em; font-weight: bold;">5781 0509 0471</div> Flow _____ Other _____ |                     |  |                                                                                                                                                                                                           |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Relinquished by: (Signature) <b>Gene Z...</b>                                                                                                                                        |                     |  | Date: <b>9-29-14</b>                                                                                                                                                                                      |  |  | Time: <b>9:00</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  | Received by: (Signature)                                                                                                     |  |  | Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier |  |  | Hold #                                                                                                        |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Relinquished by: (Signature)                                                                                                                                                         |                     |  | Date:                                                                                                                                                                                                     |  |  | Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  | Received by: (Signature)                                                                                                     |  |  | Temp: <b>32</b> Bottles Received: <b>8</b>                                                                                    |  |  | Condition (lab use only) <b>M?</b>                                                                            |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| Relinquished by: (Signature)                                                                                                                                                         |                     |  | Date:                                                                                                                                                                                                     |  |  | Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  | Received for lab by: (Signature) <b>Dal...</b>                                                                               |  |  | Date: <b>9-30-14</b> Time: <b>0900</b>                                                                                        |  |  | COC Seal Intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |
| pH Checked: <input checked="" type="checkbox"/> NCF: <input checked="" type="checkbox"/>                                                                                             |                     |  |                                                                                                                                                                                                           |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                                                                                                              |  |  |                                                                                                                               |  |  |                                                                                                               |  |  |                              |  |                  |                     |     |  |      |  |     |      |     |  |     |  |     |  |     |  |     |  |

**Dustin Cornelison**To:  
Subject:Daphne Richards; Login  
RE: ENVIROFNM DC-NCF**ESC Lab Sciences  
Non-Conformance Form**

|                  |                   |                |                            |
|------------------|-------------------|----------------|----------------------------|
| Login #: L724662 | Client: ENVIROFNM | Date: 09/30/14 | Evaluated by: Dakota Busby |
|------------------|-------------------|----------------|----------------------------|

**Non-Conformance (check applicable items)**

| Sample Integrity               | Chain of Custody Clarification                   |   |                                                 |
|--------------------------------|--------------------------------------------------|---|-------------------------------------------------|
| Parameter(s) past holding time | Login Clarification Needed                       |   | If Broken Container:                            |
| Improper temperature           | Chain of custody is incomplete                   | X | Insufficient packing material around container  |
| Improper container type        | Please specify Metals requested.                 | X | Insufficient packing material inside cooler     |
| Improper preservation          | Please specify TCLP requested.                   |   | Improper handling by carrier (FedEx / UPS / Cou |
| Insufficient sample volume.    | Received additional samples not listed on coc.   |   | Sample was frozen                               |
| Sample is biphasic.            | Sample ids on containers do not match ids on coc |   | Container lid not intact                        |
| Vials received with headspace. | Trip Blank not received.                         |   | If no Chain of Custody:                         |
| X Broken container             | Client did not "X" analysis.                     |   | Received by:                                    |
| Broken container:              | Chain of Custody is missing                      |   | Date/Time:                                      |
| Sufficient sample remains      |                                                  |   | Temp./Cont. Rec./pH:                            |
|                                |                                                  |   | Carrier:                                        |
|                                |                                                  |   | Tracking#                                       |

**Login Comments: Received Section O Broken. Please inform client.**

|                     |                       |       |   |            |                |             |
|---------------------|-----------------------|-------|---|------------|----------------|-------------|
| Client informed by: | Call                  | Email | X | Voice Mail | Date: 09/30/14 | Time: 14:20 |
| TSR Initials: DR    | Client Contact: TC LC |       |   |            |                |             |

**Login Instructions:** Notified client



Company Name/Address:  
**EnviroTech**  
5795 US Highway 64  
Farmington NM 87401

Billing Information:

Report to:  
**Tina & Lynn**

Email To:  
**Tina & Lynn**

Project Description:  
**Horseshoe Gallup Pipeline Leak**

City/State/Zip:  
Collected:

Phone: **505-632-0615**

Client Project #

**14038-0004**

Lab Project #

Fax:

Collected by (print):  
**T. McKnight**

Site/Project ID:

**P409112\***

P.O. #

**140715**

Collected by (signature):

**Rush? (Call MUST be notified)**

Date Analysis Needed

Immediately

Packed on ice **N** **Y** ☒

Same Day ☐ 100%  
Next Day ☐ 100%  
Two Day ☐ 90%  
Three Day ☐ 75%

Email ☐ No ☒ Yes  
Fax ☒ No ☐ Yes

| Sample ID | Comp/Grab | Matrix * | Depth | Date    | Time  |
|-----------|-----------|----------|-------|---------|-------|
| Section M |           | SS       |       | 9/26/14 | 10:30 |
| Section N |           | SS       |       |         | 11:58 |
| Section O |           | SS       |       | 1       | 12:35 |
| Section P |           | SS       |       | (2)     | 12:44 |
| Section Q |           | SS       |       |         | 13:20 |
| Section S |           | SS       |       |         | 12:05 |
| Section T |           | SS       |       |         | 12:10 |
| Section U |           | SS       |       |         | 12:30 |
| Section V |           | SS       |       |         | 12:51 |

8270 PAH SIM

additional sample volume

Check of Custody Page 1 of 1

**ESC**

LABORATORY

12005 Latham Rd  
Mesa, AZ 85204  
Phone: 602-758-0818  
Fax: 602-758-0819



**C146**

Account: **ENVIROFNM**

Template:

Prelogin:

TSR:

Cooler:

Shipped Via:

Box/Container:

Sample # Date rec'd

\* Matrix: SS - Soil GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other

Remarks:

**5781 0509 0471**

Relinquished by (Signature):

**James K. Bazz**

Date:

**9-29-14**

Time:

**9:00**

Received by (Signature):

**7712 do92 0017**

Samples returned via: ☐ UPS

☒ FedEx ☐ Courier ☐ Other

Condition:

(lab use only) **1701**

Relinquished by (Signature):

Date:

Time:

Received by (Signature):

**James K. Bazz**

Date:

**9-30-14 0900**

Time:

**10:14 0900**

Bottles Received:

**1 (402)**

Temp: **2.8°C**

COC Seal Intact: **Y** ☒ **N** ☐ **NA**

pH Checked: **NCI** ☒



## Analytical Report

### Report Summary

Client: CCI, LLC

Chain Of Custody Number: 17828

Samples Received: 9/26/2014 4:00:00PM

Job Number: 14038-0004

Work Order: P409113

Project Name/Location: Horseshoe Gallup  
Pipeline Leak

Entire Report Reviewed By:

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

Date: 10/8/14

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.





CCI, LLC

PO Box 70

Kirtland NM, 87417

Project Name:

Horseshoe Gallup Pipeline Leak

Project Number:

14038-0004

Project Manager:

Toni McKnight

Reported:

08-Oct-14 16:47

**Analytical Report for Samples**

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| Section W        | P409113-01A   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
|                  | P409113-01B   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
| Section X        | P409113-02A   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |
|                  | P409113-02B   | Soil   | 09/26/14 | 09/26/14 | Glass Jar, 4 oz. |

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10/2/2014 10:50 AM

|                    |                  |                                |                 |
|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 08-Oct-14 16:47 |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                 |

**Section W**  
**P409113-01 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.20            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID    |        | 103 %           |       | 50-150   | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 10.0            | mg/kg | 1        | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 30.0            | mg/kg | 1        | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 128 %           |       | 50-200   | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID    |        | 92.7 %          |       | 50-150   | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
08-Oct-14 16:47

**Section X**  
**P409113-02 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.20            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.10            | mg/kg | 1        | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID    |        | 104 %           |       | 50-150   | 1440002 | 09/29/14 | 10/02/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 9.99            | mg/kg | 1        | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 30.0            | mg/kg | 1        | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 108 %           |       | 50-200   | 1440003 | 09/29/14 | 10/02/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID    |        | 92.6 %          |       | 50-150   | 1440002 | 10/02/14 | 10/02/14 | EPA 8015D |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
08-Oct-14 16:47

### Volatile Organics by EPA 8021 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 1440002 - Purge and Trap EPA 5030A

##### Blank (1440002-BLK1)

Prepared & Analyzed: 02-Oct-14

|               |    |      |       |
|---------------|----|------|-------|
| Benzene       | ND | 0.10 | mg/kg |
| Toluene       | ND | 0.10 | "     |
| Ethylbenzene  | ND | 0.10 | "     |
| p,m-Xylene    | ND | 0.20 | "     |
| o-Xylene      | ND | 0.10 | "     |
| Total Xylenes | ND | 0.10 | "     |
| Total BTEX    | ND | 0.10 | "     |

Surrogate: 4-Bromochlorobenzene-PID 0.413 " 0.400 103 50-150

##### LCS (1440002-BS1)

Prepared & Analyzed: 02-Oct-14

|              |       |      |       |      |        |
|--------------|-------|------|-------|------|--------|
| Benzene      | 9670  | ug/L | 10000 | 96.7 | 75-125 |
| Toluene      | 9690  | "    | 10000 | 96.9 | 70-125 |
| Ethylbenzene | 9770  | "    | 10000 | 97.7 | 75-125 |
| p,m-Xylene   | 19800 | "    | 20000 | 99.1 | 80-125 |
| o-Xylene     | 9840  | "    | 10000 | 98.4 | 75-125 |

Surrogate: 4-Bromochlorobenzene-PID 0.424 mg/kg 0.400 106 50-150

##### Matrix Spike (1440002-MS1)

Source: P409112-01

Prepared & Analyzed: 02-Oct-14

|              |       |      |       |      |      |        |
|--------------|-------|------|-------|------|------|--------|
| Benzene      | 9810  | ug/L | 10000 | 25.5 | 97.8 | 75-125 |
| Toluene      | 9850  | "    | 10000 | 37.1 | 98.2 | 70-125 |
| Ethylbenzene | 9870  | "    | 10000 | 41.1 | 98.3 | 75-125 |
| p,m-Xylene   | 19900 | "    | 20000 | 95.3 | 99.0 | 80-125 |
| o-Xylene     | 9870  | "    | 10000 | 60.3 | 98.1 | 75-125 |

Surrogate: 4-Bromochlorobenzene-PID 0.403 mg/kg 0.399 101 50-150

##### Matrix Spike Dup (1440002-MSD1)

Source: P409112-01

Prepared & Analyzed: 02-Oct-14

|              |       |      |       |      |     |        |      |    |
|--------------|-------|------|-------|------|-----|--------|------|----|
| Benzene      | 10000 | ug/L | 10000 | 25.5 | 100 | 75-125 | 2.44 | 15 |
| Toluene      | 10100 | "    | 10000 | 37.0 | 101 | 70-125 | 2.50 | 15 |
| Ethylbenzene | 10200 | "    | 10000 | 41.1 | 102 | 75-125 | 3.28 | 15 |
| p,m-Xylene   | 20700 | "    | 20000 | 95.2 | 103 | 80-125 | 4.17 | 15 |
| o-Xylene     | 10300 | "    | 10000 | 60.3 | 102 | 75-125 | 3.84 | 15 |

Surrogate: 4-Bromochlorobenzene-PID 0.409 mg/kg 0.400 102 50-150

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
08-Oct-14 16:47

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte                                         | Result | Reporting Limit | Units | Spike Level                    | Source Result | %REC                           | %REC Limits | RPD  | RPD Limit | Notes |
|-------------------------------------------------|--------|-----------------|-------|--------------------------------|---------------|--------------------------------|-------------|------|-----------|-------|
| <b>Batch 1440002 - Purge and Trap EPA 5030A</b> |        |                 |       |                                |               |                                |             |      |           |       |
| <b>Blank (1440002-BLK1)</b>                     |        |                 |       | Prepared & Analyzed: 02-Oct-14 |               |                                |             |      |           |       |
| Gasoline Range Organics (C6-C10)                | ND     | 9.99            | mg/kg |                                |               |                                |             |      |           |       |
| Surrogate: 4-Bromochlorobenzene-FID             | 0.377  |                 | "     | 0.400                          |               | 94.4                           | 50-150      |      |           |       |
| <b>LCS (1440002-BS1)</b>                        |        |                 |       | Prepared & Analyzed: 02-Oct-14 |               |                                |             |      |           |       |
| Gasoline Range Organics (C6-C10)                | 138    |                 | mg/L  | 146                            |               | 94.8                           | 80-120      |      |           |       |
| Surrogate: 4-Bromochlorobenzene-FID             | 0.388  |                 | mg/kg | 0.400                          |               | 97.0                           | 50-150      |      |           |       |
| <b>Matrix Spike (1440002-MS1)</b>               |        |                 |       | Source: P409112-01             |               | Prepared & Analyzed: 02-Oct-14 |             |      |           |       |
| Gasoline Range Organics (C6-C10)                | 139    |                 | mg/L  | 146                            | 1.95          | 93.5                           | 75-125      |      |           |       |
| Surrogate: 4-Bromochlorobenzene-FID             | 0.367  |                 | mg/kg | 0.399                          |               | 91.9                           | 50-150      |      |           |       |
| <b>Matrix Spike Dup (1440002-MSD1)</b>          |        |                 |       | Source: P409112-01             |               | Prepared & Analyzed: 02-Oct-14 |             |      |           |       |
| Gasoline Range Organics (C6-C10)                | 144    |                 | mg/L  | 146                            | 1.95          | 97.3                           | 75-125      | 3.89 | 15        |       |
| Surrogate: 4-Bromochlorobenzene-FID             | 0.369  |                 | mg/kg | 0.400                          |               | 92.2                           | 50-150      |      |           |       |

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Report for  
1440003-0004

|                    |                  |                                |                              |
|--------------------|------------------|--------------------------------|------------------------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:<br>08-Oct-14 16:47 |
| PO Box 70          | Project Number:  | 14038-0004                     |                              |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                              |

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte                                         | Result | Reporting Limit | Units | Spike Level                                                | Source Result | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|-------------------------------------------------|--------|-----------------|-------|------------------------------------------------------------|---------------|------|-------------|------|-----------|-------|
| <b>Batch 1440003 - DRO Extraction EPA 3550M</b> |        |                 |       |                                                            |               |      |             |      |           |       |
| <b>Blank (1440003-BLK1)</b>                     |        |                 |       | Prepared: 29-Sep-14 Analyzed: 02-Oct-14                    |               |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | ND     | 25.0            | mg/kg |                                                            |               |      |             |      |           |       |
| Surrogate: o-Terphenyl                          | 39.1   |                 | "     | 40.0                                                       |               | 97.9 | 50-200      |      |           |       |
| <b>LCS (1440003-BS1)</b>                        |        |                 |       | Prepared: 29-Sep-14 Analyzed: 02-Oct-14                    |               |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 728    | 25.0            | mg/kg | 500                                                        |               | 146  | 38-132      |      |           | SPK1  |
| Surrogate: o-Terphenyl                          | 47.1   |                 | "     | 40.0                                                       |               | 118  | 50-200      |      |           |       |
| <b>Matrix Spike (1440003-MS1)</b>               |        |                 |       | Source: P409112-01 Prepared: 29-Sep-14 Analyzed: 02-Oct-14 |               |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 617    | 29.9            | mg/kg | 499                                                        | 66.1          | 110  | 38-132      |      |           |       |
| Surrogate: o-Terphenyl                          | 48.8   |                 | "     | 39.9                                                       |               | 122  | 50-200      |      |           |       |
| <b>Matrix Spike Dup (1440003-MSD1)</b>          |        |                 |       | Source: P409112-01 Prepared: 29-Sep-14 Analyzed: 02-Oct-14 |               |      |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 750    | 30.0            | mg/kg | 499                                                        | 66.1          | 137  | 38-132      | 19.5 | 20        | SPK1  |
| Surrogate: o-Terphenyl                          | 53.8   |                 | "     | 40.0                                                       |               | 135  | 50-200      |      |           |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
08-Oct-14 16:47

#### Notes and Definitions

SPK1 The spike recovery for this QC sample is outside of control limits.  
DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

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## 17828

| Client: <b>CCI, Inc.</b>                                                                                                                                                |             |             | Project Name / Location: <b>Horseshoe Gallup Pipeline Leak</b> |                          |                  | ANALYSIS / PARAMETERS |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|----------------------------------------------------------------|--------------------------|------------------|-----------------------|-----------------------------------------|-------------------|---------------|----------------|-----|---------------|----------------|-------------|----------|-----------------|--|--|-------------|---------------|
| Email results to:                                                                                                                                                       |             |             | Sampler Name: <b>T. McKnight</b>                               |                          |                  | TPH (Method 8015)     | BTEX (Method 8021)                      | VOC (Method 8260) | RCRA 8 Metals | Cation / Anion | RCI | TCLP with H/P | CO Table 910-1 | TPH (418.1) | CHLORIDE | <b>8270 PAH</b> |  |  | Sample Cool | Sample Intact |
| Client Phone No.:                                                                                                                                                       |             |             | Client No.: <b>14038-0004</b>                                  |                          |                  |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
| Sample No./ Identification                                                                                                                                              | Sample Date | Sample Time | Lab No.                                                        | No./Volume of Containers | Preservative     |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
|                                                                                                                                                                         |             |             |                                                                |                          | HNO <sub>3</sub> | HCl                   | Cool                                    |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
| Section W                                                                                                                                                               | 9/26/14     | 12:53       | P409113-01                                                     | 2-402 Jar                |                  |                       | ✓                                       | ✓                 | ✓             |                |     |               |                |             |          |                 |  |  | ✓           | ✓             |
| Section X                                                                                                                                                               | 9/26/14     | 13:10       | P409113-02                                                     | 2-402 Jar                |                  |                       | ✓                                       | ✓                 | ✓             |                |     |               |                |             |          |                 |  |  | ✓           | ✓             |
|                                                                                                                                                                         |             |             |                                                                |                          |                  |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
|                                                                                                                                                                         |             |             |                                                                |                          |                  |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
|                                                                                                                                                                         |             |             |                                                                |                          |                  |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
|                                                                                                                                                                         |             |             |                                                                |                          |                  |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
|                                                                                                                                                                         |             |             |                                                                |                          |                  |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
|                                                                                                                                                                         |             |             |                                                                |                          |                  |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
|                                                                                                                                                                         |             |             |                                                                |                          |                  |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
|                                                                                                                                                                         |             |             |                                                                |                          |                  |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
|                                                                                                                                                                         |             |             |                                                                |                          |                  |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
| Relinquished by: (Signature) <i>Toni McKnight</i>                                                                                                                       |             |             |                                                                |                          | Date             | Time                  | Received by: (Signature) <i>L. Cook</i> |                   |               |                |     | Date          | Time           |             |          |                 |  |  |             |               |
| Relinquished by: (Signature)                                                                                                                                            |             |             |                                                                |                          |                  |                       | Received by: (Signature)                |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
| Sample Matrix                                                                                                                                                           |             |             |                                                                |                          |                  |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
| Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/> |             |             |                                                                |                          |                  |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
| <input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.                                                                                     |             |             |                                                                |                          |                  |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
|                                                                                     |             |             |                                                                |                          |                  |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
| 11.1      12.8                                                                                                                                                          |             |             |                                                                |                          |                  |                       |                                         |                   |               |                |     |               |                |             |          |                 |  |  |             |               |
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Tax I.D. 62-0814289

Est. 1970

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

## Report Summary

Wednesday October 08, 2014

Report Number: L724701

Samples Received: 09/30/14

Client Project: 14038-0004

Description: Horeshoe Gallup pipeline Leak

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

*Daphne R. Richards*

Daphne Richards, ESC Representative

### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,  
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

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Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

October 08, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

Date Received : September 30, 2014  
Description : Horeshoe Gallup pipeline Leak  
Sample ID : SECTION W  
Collected By : T. McKnight  
Collection Date : 09/26/14 12:53

ESC Sample # : L724701-01

Site ID : P409113

Project # : 14038-0004

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 92.4       |            | %      | 2540 G-2011 | 10/03/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Acenaphthene                      | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Chrysene                          | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Fluoranthene                      | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Fluorene                          | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Naphthalene                       | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Phenanthrene                      | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Pyrene                            | BDL        | 0.0065     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 113.       |            | % Rec. | 8270C-SIM   | 10/07/14 | 1    |
| 2-Fluorobiphenyl                  | 80.5       |            | % Rec. | 8270C-SIM   | 10/07/14 | 1    |
| p-Terphenyl-d14                   | 78.4       |            | % Rec. | 8270C-SIM   | 10/07/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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The reported analytical results relate only to the sample submitted

Reported: 10/08/14 15:59 Printed: 10/08/14 16:15



REPORT OF ANALYSIS

October 08, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

ESC Sample # : L724701-02

Date Received : September 30, 2014  
Description : Horeshoe Gallup pipeline Leak

Site ID : P409113

Sample ID : SECTION X

Project # : 14038-0004

Collected By : T. McKnight  
Collection Date : 09/26/14 13:10

| Parameter                         | Dry Result | Det. Limit | Units  | Method      | Date     | Dil. |
|-----------------------------------|------------|------------|--------|-------------|----------|------|
| Total Solids                      | 88.7       |            | %      | 2540 G-2011 | 10/04/14 | 1    |
| Polynuclear Aromatic Hydrocarbons |            |            |        |             |          |      |
| Anthracene                        | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Acenaphthene                      | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Acenaphthylene                    | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(a)anthracene                | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(a)pyrene                    | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(b)fluoranthene              | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(g,h,i)perylene              | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Benzo(k)fluoranthene              | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Chrysene                          | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Dibenz(a,h)anthracene             | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Fluoranthene                      | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Fluorene                          | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Indeno(1,2,3-cd)pyrene            | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Naphthalene                       | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Phenanthrene                      | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Pyrene                            | BDL        | 0.0068     | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| 1-Methylnaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| 2-Methylnaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| 2-Chloronaphthalene               | BDL        | 0.022      | mg/kg  | 8270C-SIM   | 10/07/14 | 1    |
| Surrogate Recovery                |            |            |        |             |          |      |
| Nitrobenzene-d5                   | 114.       |            | % Rec. | 8270C-SIM   | 10/07/14 | 1    |
| 2-Fluorobiphenyl                  | 82.0       |            | % Rec. | 8270C-SIM   | 10/07/14 | 1    |
| p-Terphenyl-d14                   | 79.8       |            | % Rec. | 8270C-SIM   | 10/07/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Level II

L724701

12065 Lebanon Rd.  
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(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

October 08, 2014

| Analyte                | Result | Laboratory Blank |       | Limit    | Batch    | Date Analyzed  |
|------------------------|--------|------------------|-------|----------|----------|----------------|
|                        |        | Units            | % Rec |          |          |                |
| Total Solids           | < .1   | %                |       |          | WG746339 | 10/03/14 06:49 |
| Total Solids           | < .1   | %                |       |          | WG746362 | 10/04/14 08:58 |
| 1-Methylnaphthalene    | < .02  | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| 2-Chloronaphthalene    | < .02  | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| 2-Methylnaphthalene    | < .02  | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Acenaphthene           | < .006 | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Acenaphthylene         | < .006 | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Anthracene             | < .006 | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Benzo(a)anthracene     | < .006 | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Benzo(a)pyrene         | < .006 | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Benzo(b)fluoranthene   | < .006 | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Benzo(g,h,i)perylene   | < .006 | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Benzo(k)fluoranthene   | < .006 | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Chrysene               | < .006 | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Dibenz(a,h)anthracene  | < .006 | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Fluoranthene           | < .006 | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Fluorene               | < .006 | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Indeno(1,2,3-cd)pyrene | < .006 | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Naphthalene            | < .02  | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Phenanthrene           | < .006 | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| Pyrene                 | < .006 | mg/kg            |       |          | WG746554 | 10/07/14 01:33 |
| 2-Fluorobiphenyl       | % Rec. |                  | 93.00 | 38.2-135 | WG746554 | 10/07/14 01:33 |
| Nitrobenzene-d5        | % Rec. |                  | 130.0 | 28.4-151 | WG746554 | 10/07/14 01:33 |
| p-Terphenyl-d14        | % Rec. |                  | 90.40 | 34.2-141 | WG746554 | 10/07/14 01:33 |

| Analyte      | Units | Duplicate |           | RPD   | Limit | Ref Samp   | Batch    |
|--------------|-------|-----------|-----------|-------|-------|------------|----------|
|              |       | Result    | Duplicate |       |       |            |          |
| Total Solids | %     | 91.4      | 92.4      | 1.08  | 5     | L724701-01 | WG746339 |
| Total Solids | %     | 86.0      | 86.6      | 0.659 | 5     | L724702-03 | WG746362 |

| Analyte               | Units | Laboratory Control Sample |        | % Rec | Limit    | Batch    |
|-----------------------|-------|---------------------------|--------|-------|----------|----------|
|                       |       | Known Val                 | Result |       |          |          |
| Total Solids          | %     | 50                        | 50.0   | 100.  | 85-115   | WG746339 |
| Total Solids          | %     | 50                        | 50.0   | 100.  | 85-115   | WG746362 |
| 1-Methylnaphthalene   | mg/kg | .08                       | 0.0783 | 97.8  | 48.9-127 | WG746554 |
| 2-Chloronaphthalene   | mg/kg | .08                       | 0.0788 | 98.4  | 48.8-125 | WG746554 |
| 2-Methylnaphthalene   | mg/kg | .08                       | 0.0772 | 96.5  | 45.7-131 | WG746554 |
| Acenaphthene          | mg/kg | .08                       | 0.0759 | 94.9  | 48.7-127 | WG746554 |
| Acenaphthylene        | mg/kg | .08                       | 0.0756 | 94.5  | 47.9-128 | WG746554 |
| Anthracene            | mg/kg | .08                       | 0.0767 | 95.9  | 51.3-136 | WG746554 |
| Benzo(a)anthracene    | mg/kg | .08                       | 0.0757 | 94.7  | 55-126   | WG746554 |
| Benzo(a)pyrene        | mg/kg | .08                       | 0.0668 | 83.4  | 51.9-127 | WG746554 |
| Benzo(b)fluoranthene  | mg/kg | .08                       | 0.0724 | 90.5  | 54-125   | WG746554 |
| Benzo(g,h,i)perylene  | mg/kg | .08                       | 0.0806 | 101.  | 53.8-136 | WG746554 |
| Benzo(k)fluoranthene  | mg/kg | .08                       | 0.0795 | 99.3  | 53.9-132 | WG746554 |
| Chrysene              | mg/kg | .08                       | 0.0775 | 96.8  | 55.7-133 | WG746554 |
| Dibenz(a,h)anthracene | mg/kg | .08                       | 0.0818 | 102.  | 52.6-137 | WG746554 |

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





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October 08, 2014

| Analyte                | Units | Laboratory Control Sample |        | % Rec | Limit    | Batch    |
|------------------------|-------|---------------------------|--------|-------|----------|----------|
|                        |       | Known Val                 | Result |       |          |          |
| Fluoranthene           | mg/kg | .08                       | 0.0802 | 100.  | 54-132   | WG746554 |
| Fluorene               | mg/kg | .08                       | 0.0766 | 95.7  | 48.7-127 | WG746554 |
| Indeno(1,2,3-cd)pyrene | mg/kg | .08                       | 0.0831 | 104.  | 53.8-138 | WG746554 |
| Naphthalene            | mg/kg | .08                       | 0.0717 | 89.6  | 42-127   | WG746554 |
| Phenanthrene           | mg/kg | .08                       | 0.0753 | 94.1  | 49.6-126 | WG746554 |
| Pyrene                 | mg/kg | .08                       | 0.0708 | 88.6  | 54-129   | WG746554 |
| 2-Fluorobiphenyl       |       |                           |        | 94.10 | 38.2-135 | WG746554 |
| Nitrobenzene-d5        |       |                           |        | 126.0 | 28.4-151 | WG746554 |
| p-Terphenyl-d14        |       |                           |        | 90.50 | 34.2-141 | WG746554 |

| Analyte                | Units | Laboratory Control Sample Duplicate |        |       | Limit    | RPD  | Limit | Batch    |
|------------------------|-------|-------------------------------------|--------|-------|----------|------|-------|----------|
|                        |       | Result                              | Ref    | %Rec  |          |      |       |          |
| 1-Methylnaphthalene    | mg/kg | 0.0653                              | 0.0783 | 82.0  | 48.9-127 | 18.0 | 20    | WG746554 |
| 2-Chloronaphthalene    | mg/kg | 0.0669                              | 0.0788 | 84.0  | 48.8-125 | 16.3 | 20    | WG746554 |
| 2-Methylnaphthalene    | mg/kg | 0.0652                              | 0.0772 | 82.0  | 45.7-131 | 16.8 | 20    | WG746554 |
| Acenaphthene           | mg/kg | 0.0648                              | 0.0759 | 81.0  | 48.7-127 | 15.7 | 20    | WG746554 |
| Acenaphthylene         | mg/kg | 0.0637                              | 0.0756 | 80.0  | 47.9-128 | 17.1 | 20    | WG746554 |
| Anthracene             | mg/kg | 0.0644                              | 0.0767 | 80.0  | 51.3-136 | 17.5 | 20    | WG746554 |
| Benzo(a)anthracene     | mg/kg | 0.0649                              | 0.0757 | 81.0  | 55-126   | 15.4 | 20    | WG746554 |
| Benzo(a)pyrene         | mg/kg | 0.0567                              | 0.0668 | 71.0  | 51.9-127 | 16.3 | 20    | WG746554 |
| Benzo(b)fluoranthene   | mg/kg | 0.0648                              | 0.0724 | 81.0  | 54-125   | 11.2 | 20    | WG746554 |
| Benzo(g,h,i)perylene   | mg/kg | 0.0671                              | 0.0806 | 84.0  | 53.8-136 | 18.4 | 20    | WG746554 |
| Benzo(k)fluoranthene   | mg/kg | 0.0675                              | 0.0795 | 84.0  | 53.9-132 | 16.3 | 20    | WG746554 |
| Chrysene               | mg/kg | 0.0654                              | 0.0775 | 82.0  | 55.7-133 | 16.9 | 20    | WG746554 |
| Dibenz(a,h)anthracene  | mg/kg | 0.0684                              | 0.0818 | 86.0  | 52.6-137 | 17.9 | 20    | WG746554 |
| Fluoranthene           | mg/kg | 0.0680                              | 0.0802 | 85.0  | 54-132   | 16.4 | 20    | WG746554 |
| Fluorene               | mg/kg | 0.0668                              | 0.0766 | 83.0  | 48.7-127 | 13.6 | 20    | WG746554 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.0695                              | 0.0831 | 87.0  | 53.8-138 | 17.7 | 20    | WG746554 |
| Naphthalene            | mg/kg | 0.0607                              | 0.0717 | 76.0  | 42-127   | 16.5 | 20    | WG746554 |
| Phenanthrene           | mg/kg | 0.0644                              | 0.0753 | 80.0  | 49.6-126 | 15.6 | 20    | WG746554 |
| Pyrene                 | mg/kg | 0.0599                              | 0.0708 | 75.0  | 54-129   | 16.7 | 20    | WG746554 |
| 2-Fluorobiphenyl       |       |                                     |        | 83.90 | 38.2-135 |      |       | WG746554 |
| Nitrobenzene-d5        |       |                                     |        | 114.0 | 28.4-151 |      |       | WG746554 |
| p-Terphenyl-d14        |       |                                     |        | 80.70 | 34.2-141 |      |       | WG746554 |

| Analyte                | Units | Matrix Spike |          |     | % Rec | Limit    | Ref Samp   | Batch    |
|------------------------|-------|--------------|----------|-----|-------|----------|------------|----------|
|                        |       | MS Res       | Ref Res  | TV  |       |          |            |          |
| 1-Methylnaphthalene    | mg/kg | 0.0712       | 0.0      | .08 | 89.0  | 41.8-133 | L724914-04 | WG746554 |
| 2-Chloronaphthalene    | mg/kg | 0.0699       | 0.0      | .08 | 87.0  | 42.4-129 | L724914-04 | WG746554 |
| 2-Methylnaphthalene    | mg/kg | 0.0704       | 0.0      | .08 | 88.0  | 37.5-137 | L724914-04 | WG746554 |
| Acenaphthene           | mg/kg | 0.0672       | 0.0      | .08 | 84.0  | 39.4-132 | L724914-04 | WG746554 |
| Acenaphthylene         | mg/kg | 0.0681       | 0.0      | .08 | 85.0  | 41.3-132 | L724914-04 | WG746554 |
| Anthracene             | mg/kg | 0.0646       | 0.0      | .08 | 81.0  | 36.7-144 | L724914-04 | WG746554 |
| Benzo(a)anthracene     | mg/kg | 0.0531       | 0.000893 | .08 | 65.0  | 28-144   | L724914-04 | WG746554 |
| Benzo(a)pyrene         | mg/kg | 0.0519       | 0.0      | .08 | 65.0  | 23.8-147 | L724914-04 | WG746554 |
| Benzo(b)fluoranthene   | mg/kg | 0.0509       | 0.000938 | .08 | 62.0  | 18.2-147 | L724914-04 | WG746554 |
| Benzo(g,h,i)perylene   | mg/kg | 0.0475       | 0.000804 | .08 | 58.0  | 9.2-155  | L724914-04 | WG746554 |
| Benzo(k)fluoranthene   | mg/kg | 0.0419       | 0.0      | .08 | 65.0  | 26.5-143 | L724914-04 | WG746554 |
| Chrysene               | mg/kg | 0.0557       | 0.000704 | .08 | 69.0  | 27.4-150 | L724914-04 | WG746554 |
| Dibenz(a,h)anthracene  | mg/kg | 0.0515       | 0.0      | .08 | 64.0  | 13.8-150 | L724914-04 | WG746554 |
| Fluoranthene           | mg/kg | 0.0581       | 0.00142  | .08 | 71.0  | 23.2-158 | L724914-04 | WG746554 |
| Fluorene               | mg/kg | 0.0661       | 0.0      | .08 | 83.0  | 30.8-139 | L724914-04 | WG746554 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.0503       | 0.0      | .08 | 63.0  | 10.7-155 | L724914-04 | WG746554 |
| Naphthalene            | mg/kg | 0.0671       | 0.000913 | .08 | 83.0  | 34.9-133 | L724914-04 | WG746554 |
| Phenanthrene           | mg/kg | 0.0615       | 0.000793 | .08 | 76.0  | 20.2-150 | L724914-04 | WG746554 |
| Pyrene                 | mg/kg | 0.0586       | 0.00148  | .08 | 71.0  | 22.6-151 | L724914-04 | WG746554 |
| 2-Fluorobiphenyl       |       |              |          |     | 84.30 | 38.2-135 |            | WG746554 |

\* Performance of this Analyte is outside of established criteria.

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Est. 1970

October 08, 2014

| Analyte         | Units | MSD | Matrix Spike Duplicate |      | Limit | RPD      | Limit | Ref Samp | Batch |
|-----------------|-------|-----|------------------------|------|-------|----------|-------|----------|-------|
|                 |       |     | Ref                    | %Rec |       |          |       |          |       |
| Nitrobenzene-d5 |       |     |                        |      | 101.0 | 28.4-151 |       |          |       |
| p-Terphenyl-d14 |       |     |                        |      | 86.20 | 34.2-141 |       |          |       |

| Analyte                | Units | MSD    | Matrix Spike Duplicate |       | Limit    | RPD  | Limit | Ref Samp   | Batch    |
|------------------------|-------|--------|------------------------|-------|----------|------|-------|------------|----------|
|                        |       |        | Ref                    | %Rec  |          |      |       |            |          |
| 1-Methylnaphthalene    | mg/kg | 0.0748 | 0.0712                 | 93.5  | 41.8-133 | 5.00 | 20.9  | L724914-04 | WG746554 |
| 2-Chloronaphthalene    | mg/kg | 0.0740 | 0.0699                 | 92.5  | 42.4-129 | 5.71 | 20    | L724914-04 | WG746554 |
| 2-Methylnaphthalene    | mg/kg | 0.0738 | 0.0704                 | 92.2  | 37.5-137 | 4.60 | 20.4  | L724914-04 | WG746554 |
| Acenaphthene           | mg/kg | 0.0709 | 0.0672                 | 88.6  | 39.4-132 | 5.32 | 20    | L724914-04 | WG746554 |
| Acenaphthylene         | mg/kg | 0.0720 | 0.0681                 | 90.0  | 41.3-132 | 5.63 | 20    | L724914-04 | WG746554 |
| Anthracene             | mg/kg | 0.0660 | 0.0646                 | 82.5  | 36.7-144 | 2.03 | 20.7  | L724914-04 | WG746554 |
| Benzo(a)anthracene     | mg/kg | 0.0554 | 0.0531                 | 68.2  | 28-144   | 4.39 | 24.7  | L724914-04 | WG746554 |
| Benzo(a)pyrene         | mg/kg | 0.0540 | 0.0519                 | 67.5  | 23.8-147 | 3.95 | 25.3  | L724914-04 | WG746554 |
| Benzo(b)fluoranthene   | mg/kg | 0.0544 | 0.0509                 | 66.8  | 18.2-147 | 6.50 | 29.5  | L724914-04 | WG746554 |
| Benzo(g,h,i)perylene   | mg/kg | 0.0493 | 0.0475                 | 60.6  | 9.2-155  | 3.84 | 29.2  | L724914-04 | WG746554 |
| Benzo(k)fluoranthene   | mg/kg | 0.0530 | 0.0519                 | 66.3  | 26.5-143 | 2.06 | 26.1  | L724914-04 | WG746554 |
| Chrysene               | mg/kg | 0.0576 | 0.0557                 | 71.1  | 27.4-150 | 3.33 | 25.7  | L724914-04 | WG746554 |
| Dibenz(a,h)anthracene  | mg/kg | 0.0536 | 0.0515                 | 67.1  | 13.8-150 | 4.00 | 25.8  | L724914-04 | WG746554 |
| Fluoranthene           | mg/kg | 0.0609 | 0.0581                 | 74.3  | 23.2-158 | 4.69 | 26    | L724914-04 | WG746554 |
| Fluorene               | mg/kg | 0.0689 | 0.0661                 | 86.2  | 30.8-139 | 4.15 | 20    | L724914-04 | WG746554 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.0522 | 0.0503                 | 65.3  | 10.7-155 | 3.81 | 26.9  | L724914-04 | WG746554 |
| Naphthalene            | mg/kg | 0.0706 | 0.0671                 | 87.1  | 34.9-133 | 5.02 | 20.4  | L724914-04 | WG746554 |
| Phenanthrene           | mg/kg | 0.0642 | 0.0615                 | 79.2  | 20.2-150 | 4.21 | 24.6  | L724914-04 | WG746554 |
| Pyrene                 | mg/kg | 0.0606 | 0.0586                 | 73.8  | 22.6-151 | 3.31 | 25.1  | L724914-04 | WG746554 |
| 2-Fluorobiphenyl       |       |        |                        | 93.10 | 38.2-135 |      |       |            | WG746554 |
| Nitrobenzene-d5        |       |        |                        | 113.0 | 28.4-151 |      |       |            | WG746554 |
| p-Terphenyl-d14        |       |        |                        | 92.00 | 34.2-141 |      |       |            | WG746554 |

Batch number /Run number / Sample number cross reference

WG746339: R2994797: L724701-  
WG746362: R2995121: L724701-02  
WG746554: R2995623 R2995642: L724701- 02 01

\* \* Calculations are performed prior to rounding of reported values.  
\* Performance of this Analyte is outside of established criteria.  
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





YOUR LAB OF CHOICE

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Lynn Cook  
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Farmington, NM 87401

Quality Assurance Report  
Level II

L724701

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Tax I.D. 62-0814289

Est. 1970

October 08, 2014

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.







## Analytical Report

### Report Summary

Client: CCI, LLC

Chain Of Custody Number: 17855

Samples Received: 10/6/2014 4:15:00PM

Job Number: 14038-0004

Work Order: P410024

Project Name/Location: Horseshoe Gallup  
Pipeline Leak

Entire Report Reviewed By:

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

Date: 10/10/14

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
10-Oct-14 11:51

### Analytical Report for Samples

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| Soil Composite   | P410024-01A   | Soil   | 10/06/14 | 10/06/14 | Glass Jar, 4 oz. |
|                  | P410024-01B   | Soil   | 10/06/14 | 10/06/14 | Glass Jar, 4 oz. |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
10-Oct-14 11:51

**Soil Composite**  
**P410024-01 (Solid)**

| Analyte                                | Result | Reporting |       | Units  | Dilution | Batch    | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------|-------|--------|----------|----------|----------|----------|-----------|-------|
|                                        |        | Limit     |       |        |          |          |          |          |           |       |
| <b>Volatile Organics by EPA 8021</b>   |        |           |       |        |          |          |          |          |           |       |
| Benzene                                | ND     | 0.10      | mg/kg | 1      | 1441013  | 10/07/14 | 10/07/14 | 10/07/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.10      | mg/kg | 1      | 1441013  | 10/07/14 | 10/07/14 | 10/07/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.10      | mg/kg | 1      | 1441013  | 10/07/14 | 10/07/14 | 10/07/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.20      | mg/kg | 1      | 1441013  | 10/07/14 | 10/07/14 | 10/07/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.10      | mg/kg | 1      | 1441013  | 10/07/14 | 10/07/14 | 10/07/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.10      | mg/kg | 1      | 1441013  | 10/07/14 | 10/07/14 | 10/07/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.10      | mg/kg | 1      | 1441013  | 10/07/14 | 10/07/14 | 10/07/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID    |        | 99.3 %    |       | 50-150 | 1441013  | 10/07/14 | 10/07/14 | 10/07/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |           |       |        |          |          |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | 11.6   | 9.98      | mg/kg | 1      | 1441013  | 10/07/14 | 10/07/14 | 10/07/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | 225    | 25.0      | mg/kg | 1      | 1441001  | 10/07/14 | 10/07/14 | 10/07/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 105 %     |       | 50-200 | 1441001  | 10/07/14 | 10/07/14 | 10/07/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID    |        | 93.0 %    |       | 50-150 | 1441013  | 10/07/14 | 10/07/14 | 10/07/14 | EPA 8015D |       |

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|                                             |                                                                                                              |                              |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------|
| CCI, LLC<br>PO Box 70<br>Kirtland NM, 87417 | Project Name: Horseshoe Gallup Pipeline Leak<br>Project Number: 14038-0004<br>Project Manager: Toni McKnight | Reported:<br>10-Oct-14 11:51 |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------|

### Volatile Organics by EPA 8021 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 1441013 - Purge and Trap EPA 5030A

##### Blank (1441013-BLK1)

Prepared & Analyzed: 07-Oct-14

|                                     |       |      |       |       |  |      |        |  |  |  |
|-------------------------------------|-------|------|-------|-------|--|------|--------|--|--|--|
| Benzene                             | ND    | 0.10 | mg/kg |       |  |      |        |  |  |  |
| Toluene                             | ND    | 0.10 | "     |       |  |      |        |  |  |  |
| Ethylbenzene                        | ND    | 0.10 | "     |       |  |      |        |  |  |  |
| p,m-Xylene                          | ND    | 0.20 | "     |       |  |      |        |  |  |  |
| o-Xylene                            | ND    | 0.10 | "     |       |  |      |        |  |  |  |
| Total Xylenes                       | ND    | 0.10 | "     |       |  |      |        |  |  |  |
| Total BTEX                          | ND    | 0.10 | "     |       |  |      |        |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 0.396 |      | "     | 0.399 |  | 99.3 | 50-150 |  |  |  |

##### LCS (1441013-BS1)

Prepared & Analyzed: 07-Oct-14

|                                     |       |      |       |       |  |      |        |  |  |  |
|-------------------------------------|-------|------|-------|-------|--|------|--------|--|--|--|
| Benzene                             | 18.7  | 0.10 | mg/kg | 19.9  |  | 93.8 | 75-125 |  |  |  |
| Toluene                             | 18.8  | 0.10 | "     | 19.9  |  | 94.2 | 70-125 |  |  |  |
| Ethylbenzene                        | 18.8  | 0.10 | "     | 19.9  |  | 94.5 | 75-125 |  |  |  |
| p,m-Xylene                          | 38.1  | 0.20 | "     | 39.9  |  | 95.6 | 80-125 |  |  |  |
| o-Xylene                            | 18.7  | 0.10 | "     | 19.9  |  | 93.6 | 75-125 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 0.394 |      | "     | 0.399 |  | 98.7 | 50-150 |  |  |  |

##### Matrix Spike (1441013-MS1)

Source: P410022-01

Prepared & Analyzed: 07-Oct-14

|                                     |       |      |       |       |    |      |        |  |  |  |
|-------------------------------------|-------|------|-------|-------|----|------|--------|--|--|--|
| Benzene                             | 19.7  | 0.10 | mg/kg | 20.0  | ND | 98.5 | 75-125 |  |  |  |
| Toluene                             | 19.7  | 0.10 | "     | 20.0  | ND | 99.0 | 70-125 |  |  |  |
| Ethylbenzene                        | 19.8  | 0.10 | "     | 20.0  | ND | 99.1 | 75-125 |  |  |  |
| p,m-Xylene                          | 40.1  | 0.20 | "     | 39.9  | ND | 100  | 80-125 |  |  |  |
| o-Xylene                            | 19.7  | 0.10 | "     | 20.0  | ND | 98.9 | 75-125 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 0.396 |      | "     | 0.399 |    | 99.3 | 50-150 |  |  |  |

##### Matrix Spike Dup (1441013-MSD1)

Source: P410022-01

Prepared & Analyzed: 07-Oct-14

|                                     |       |      |       |       |    |      |        |      |    |  |
|-------------------------------------|-------|------|-------|-------|----|------|--------|------|----|--|
| Benzene                             | 20.1  | 0.10 | mg/kg | 20.0  | ND | 101  | 75-125 | 2.39 | 15 |  |
| Toluene                             | 20.2  | 0.10 | "     | 20.0  | ND | 101  | 70-125 | 2.33 | 15 |  |
| Ethylbenzene                        | 20.3  | 0.10 | "     | 20.0  | ND | 101  | 75-125 | 2.46 | 15 |  |
| p,m-Xylene                          | 41.1  | 0.20 | "     | 40.0  | ND | 103  | 80-125 | 2.47 | 15 |  |
| o-Xylene                            | 20.2  | 0.10 | "     | 20.0  | ND | 101  | 75-125 | 2.44 | 15 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 0.398 |      | "     | 0.400 |    | 99.7 | 50-150 |      |    |  |

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|                    |                  |                                |                 |
|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 10-Oct-14 11:51 |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                 |

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte                                         | Result | Reporting Limit | Units | Spike Level                    | Source Result | %REC                           | %REC Limits | RPD  | RPD Limit | Notes |
|-------------------------------------------------|--------|-----------------|-------|--------------------------------|---------------|--------------------------------|-------------|------|-----------|-------|
| <b>Batch 1441001 - DRO Extraction EPA 3550M</b> |        |                 |       |                                |               |                                |             |      |           |       |
| <b>Blank (1441001-BLK1)</b>                     |        |                 |       | Prepared & Analyzed: 06-Oct-14 |               |                                |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | ND     | 24.9            | mg/kg |                                |               |                                |             |      |           |       |
| Surrogate: o-Terphenyl                          | 36.4   |                 | "     | 39.9                           |               | 91.3                           | 50-200      |      |           |       |
| <b>LCS (1441001-BS1)</b>                        |        |                 |       | Prepared & Analyzed: 06-Oct-14 |               |                                |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 502    | 25.0            | mg/kg | 500                            |               | 100                            | 38-132      |      |           |       |
| Surrogate: o-Terphenyl                          | 41.4   |                 | "     | 40.0                           |               | 104                            | 50-200      |      |           |       |
| <b>Matrix Spike (1441001-MS1)</b>               |        |                 |       | Source: P410016-01             |               | Prepared & Analyzed: 06-Oct-14 |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 527    | 30.0            | mg/kg | 499                            | ND            | 106                            | 38-132      |      |           |       |
| Surrogate: o-Terphenyl                          | 43.8   |                 | "     | 39.9                           |               | 110                            | 50-200      |      |           |       |
| <b>Matrix Spike Dup (1441001-MSD1)</b>          |        |                 |       | Source: P410016-01             |               | Prepared & Analyzed: 06-Oct-14 |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 554    | 29.9            | mg/kg | 499                            | ND            | 111                            | 38-132      | 5.01 | 20        |       |
| Surrogate: o-Terphenyl                          | 42.9   |                 | "     | 39.9                           |               | 108                            | 50-200      |      |           |       |

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|                    |                  |                                |                 |
|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 10-Oct-14 11:51 |
| Kirtland NM, 87417 | Project Manager: | Toni McKnight                  |                 |

**Nonhalogenated Organics by 8015 - Quality Control**  
**Envirotech Analytical Laboratory**

| Analyte                                         | Result | Reporting Limit | Units | Spike Level                    | Source Result                  | %REC | %REC Limits | RPD  | RPD Limit | Notes |
|-------------------------------------------------|--------|-----------------|-------|--------------------------------|--------------------------------|------|-------------|------|-----------|-------|
| <b>Batch 1441013 - Purge and Trap EPA 5030A</b> |        |                 |       |                                |                                |      |             |      |           |       |
| <b>Blank (1441013-BLK1)</b>                     |        |                 |       | Prepared & Analyzed: 07-Oct-14 |                                |      |             |      |           |       |
| Gasoline Range Organics (C6-C10)                | ND     | 9.98            | mg/kg |                                |                                |      |             |      |           |       |
| Surrogate: 4-Bromochlorobenzene-FID             | 0.361  |                 | "     | 0.399                          |                                | 90.3 | 50-150      |      |           |       |
| <b>LCS (1441013-BS1)</b>                        |        |                 |       | Prepared & Analyzed: 07-Oct-14 |                                |      |             |      |           |       |
| Gasoline Range Organics (C6-C10)                | 269    | 9.97            | mg/kg | 291                            |                                | 92.3 | 80-120      |      |           |       |
| Surrogate: 4-Bromochlorobenzene-FID             | 0.359  |                 | "     | 0.399                          |                                | 90.1 | 50-150      |      |           |       |
| <b>Matrix Spike (1441013-MS1)</b>               |        |                 |       | Source: P410022-01             | Prepared & Analyzed: 07-Oct-14 |      |             |      |           |       |
| Gasoline Range Organics (C6-C10)                | 281    | 9.98            | mg/kg | 291                            | ND                             | 96.5 | 75-125      |      |           |       |
| Surrogate: 4-Bromochlorobenzene-FID             | 0.362  |                 | "     | 0.399                          |                                | 90.8 | 50-150      |      |           |       |
| <b>Matrix Spike Dup (1441013-MSD1)</b>          |        |                 |       | Source: P410022-01             | Prepared & Analyzed: 07-Oct-14 |      |             |      |           |       |
| Gasoline Range Organics (C6-C10)                | 288    | 9.99            | mg/kg | 292                            | ND                             | 98.8 | 75-125      | 2.51 | 15        |       |
| Surrogate: 4-Bromochlorobenzene-FID             | 0.364  |                 | "     | 0.400                          |                                | 91.0 | 50-150      |      |           |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Toni McKnight

Reported:  
10-Oct-14 11:51

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

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# CHAIN OF CUSTODY RECORD

17855

| Client: <b>CCI, LLC</b>                                                                                                                                                 |                 |              | Project Name / Location: <b>Horseshoe Gallup Pipeline</b> |                            |                  | ANALYSIS / PARAMETERS                       |                    |                   |               |                |     |               |                |             |          |        |             |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|-----------------------------------------------------------|----------------------------|------------------|---------------------------------------------|--------------------|-------------------|---------------|----------------|-----|---------------|----------------|-------------|----------|--------|-------------|---------------|
| Email results to: <b>T. McKnight</b>                                                                                                                                    |                 |              | Sampler Name: <b>S. Leon</b>                              |                            |                  | TPH (Method 8015)                           | BTEX (Method 8021) | VOC (Method 8260) | BCRA 8 Metals | Cation / Anion | RCI | TCLP with H/P | CO Table 910-1 | TPH (418.1) | CHLORIDE | X 8270 | Sample Cool | Sample Intact |
| Client Phone No.:                                                                                                                                                       |                 |              | Client No.: <b>14038-0004</b>                             |                            |                  |                                             |                    |                   |               |                |     |               |                |             |          |        |             |               |
| Sample No. / Identification                                                                                                                                             | Sample Date     | Sample Time  | Lab No.                                                   | No. / Volume of Containers | Preservative     |                                             |                    |                   |               |                |     |               |                |             |          |        |             |               |
|                                                                                                                                                                         |                 |              |                                                           |                            | HNO <sub>3</sub> | HCl                                         | CCl <sub>4</sub>   |                   |               |                |     |               |                |             |          |        |             |               |
| <b>Soil Composite</b>                                                                                                                                                   | <b>10/16/14</b> | <b>14:30</b> | <b>P410024-01</b>                                         | <b>2 4oz glass jars</b>    |                  |                                             | <b>X</b>           | <b>X</b>          | <b>X</b>      |                |     |               |                |             |          |        | <b>X</b>    | <b>Y</b>      |
|                                                                                                                                                                         |                 |              |                                                           |                            |                  |                                             |                    |                   |               |                |     |               |                |             |          |        |             |               |
|                                                                                                                                                                         |                 |              |                                                           |                            |                  |                                             |                    |                   |               |                |     |               |                |             |          |        |             |               |
|                                                                                                                                                                         |                 |              |                                                           |                            |                  |                                             |                    |                   |               |                |     |               |                |             |          |        |             |               |
|                                                                                                                                                                         |                 |              |                                                           |                            |                  |                                             |                    |                   |               |                |     |               |                |             |          |        |             |               |
|                                                                                                                                                                         |                 |              |                                                           |                            |                  |                                             |                    |                   |               |                |     |               |                |             |          |        |             |               |
|                                                                                                                                                                         |                 |              |                                                           |                            |                  |                                             |                    |                   |               |                |     |               |                |             |          |        |             |               |
|                                                                                                                                                                         |                 |              |                                                           |                            |                  |                                             |                    |                   |               |                |     |               |                |             |          |        |             |               |
|                                                                                                                                                                         |                 |              |                                                           |                            |                  |                                             |                    |                   |               |                |     |               |                |             |          |        |             |               |
|                                                                                                                                                                         |                 |              |                                                           |                            |                  |                                             |                    |                   |               |                |     |               |                |             |          |        |             |               |
| Relinquished by: (Signature) <b>Sheema Leon</b>                                                                                                                         |                 |              |                                                           | Date                       | Time             | Received by: (Signature) <b>[Signature]</b> |                    |                   |               |                |     |               |                |             |          | Date   | Time        |               |
| Relinquished by: (Signature)                                                                                                                                            |                 |              |                                                           |                            |                  |                                             |                    |                   |               |                |     |               |                |             |          |        |             |               |
| Sample Matrix                                                                                                                                                           |                 |              |                                                           |                            |                  |                                             |                    |                   |               |                |     |               |                |             |          |        |             |               |
| Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/> |                 |              |                                                           |                            |                  |                                             |                    |                   |               |                |     |               |                |             |          |        |             |               |
| <input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.                                                                                     |                 |              |                                                           |                            |                  |                                             |                    |                   |               |                |     |               |                |             |          |        |             |               |

**RUSH**



11.3.10.9



Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

### Report Summary

Thursday October 09, 2014

Report Number: L726183

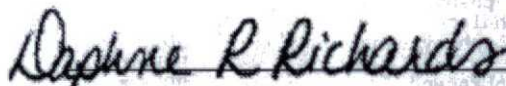
Samples Received: 10/08/14

Client Project: 14038-0004

Description: Horseshoe Gallup Pipeline

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:



Daphne Richards, ESC Representative

### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,  
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

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Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

REPORT OF ANALYSIS

October 09, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

ESC Sample # : L726183-01

Date Received : October 08, 2014  
Description : Horseshoe Gallup Pipeline

Site ID : P410024

Sample ID : SOIL COMPOSITE

Project # : 14038-0004

Collected By : Sheena Leon  
Collection Date : 10/06/14 14:30

| Parameter                   | Dry Result | Det. Limit | Units | Method      | Date     | Dil. |
|-----------------------------|------------|------------|-------|-------------|----------|------|
| Total Solids                | 89.4       |            | %     | 2540 G-2011 | 10/09/14 | 1    |
| Base/Neutral Extractables   |            |            |       |             |          |      |
| Acenaphthene                | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| Acenaphthylene              | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| Anthracene                  | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| Benzidine                   | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Benzo(a)anthracene          | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| Benzo(b)fluoranthene        | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| Benzo(k)fluoranthene        | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| Benzo(g,h,i)perylene        | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| Benzo(a)pyrene              | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| Bis(2-chloroethoxy)methane  | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Bis(2-chloroethyl)ether     | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Bis(2-chloroisopropyl)ether | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| 4-Bromophenyl-phenylether   | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| 2-Chloronaphthalene         | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| 4-Chlorophenyl-phenylether  | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Chrysene                    | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| Dibenz(a,h)anthracene       | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| 3,3-Dichlorobenzidine       | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| 2,4-Dinitrotoluene          | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| 2,6-Dinitrotoluene          | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Fluoranthene                | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| Fluorene                    | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| Hexachlorobenzene           | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Hexachloro-1,3-butadiene    | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Hexachlorocyclopentadiene   | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Hexachloroethane            | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Indeno(1,2,3-cd)pyrene      | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| Isophorone                  | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Naphthalene                 | 0.055      | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| Nitrobenzene                | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| n-Nitrosodimethylamine      | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| n-Nitrosodiphenylamine      | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| n-Nitrosodi-n-propylamine   | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Phenanthrene                | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |
| Benzylbutyl phthalate       | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Bis(2-ethylhexyl)phthalate  | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Di-n-butyl phthalate        | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Diethyl phthalate           | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Dimethyl phthalate          | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Di-n-octyl phthalate        | BDL        | 0.37       | mg/kg | 8270C       | 10/09/14 | 1    |
| Pyrene                      | BDL        | 0.037      | mg/kg | 8270C       | 10/09/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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The reported analytical results relate only to the sample submitted



REPORT OF ANALYSIS

October 09, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

Date Received : October 08, 2014  
Description : Horseshoe Gallup Pipeline  
Sample ID : SOIL COMPOSITE  
Collected By : Sheena Leon  
Collection Date : 10/06/14 14:30

ESC Sample # : L726183-01

Site ID : P410024

Project # : 14038-0004

| Parameter                  | Dry Result | Det. Limit | Units  | Method | Date     | Dil. |
|----------------------------|------------|------------|--------|--------|----------|------|
| 1,2,4-Trichlorobenzene     | BDL        | 0.37       | mg/kg  | 8270C  | 10/09/14 | 1    |
| Acid Extractables          |            |            |        |        |          |      |
| 4-Chloro-3-methylphenol    | BDL        | 0.37       | mg/kg  | 8270C  | 10/09/14 | 1    |
| 2-Chlorophenol             | BDL        | 0.37       | mg/kg  | 8270C  | 10/09/14 | 1    |
| 2,4-Dichlorophenol         | BDL        | 0.37       | mg/kg  | 8270C  | 10/09/14 | 1    |
| 2,4-Dimethylphenol         | BDL        | 0.37       | mg/kg  | 8270C  | 10/09/14 | 1    |
| 4,6-Dinitro-2-methylphenol | BDL        | 0.37       | mg/kg  | 8270C  | 10/09/14 | 1    |
| 2,4-Dinitrophenol          | BDL        | 0.37       | mg/kg  | 8270C  | 10/09/14 | 1    |
| 2-Nitrophenol              | BDL        | 0.37       | mg/kg  | 8270C  | 10/09/14 | 1    |
| 4-Nitrophenol              | BDL        | 0.37       | mg/kg  | 8270C  | 10/09/14 | 1    |
| Pentachlorophenol          | BDL        | 0.37       | mg/kg  | 8270C  | 10/09/14 | 1    |
| Phenol                     | BDL        | 0.37       | mg/kg  | 8270C  | 10/09/14 | 1    |
| 2,4,6-Trichlorophenol      | BDL        | 0.37       | mg/kg  | 8270C  | 10/09/14 | 1    |
| Surrogate Recovery         |            |            |        |        |          |      |
| 2-Fluorophenol             | 50.4       |            | % Rec. | 8270C  | 10/09/14 | 1    |
| Phenol-d5                  | 50.2       |            | % Rec. | 8270C  | 10/09/14 | 1    |
| Nitrobenzene-d5            | 44.8       |            | % Rec. | 8270C  | 10/09/14 | 1    |
| 2-Fluorobiphenyl           | 50.0       |            | % Rec. | 8270C  | 10/09/14 | 1    |
| 2,4,6-Tribromophenol       | 68.3       |            | % Rec. | 8270C  | 10/09/14 | 1    |
| p-Terphenyl-d14            | 40.1       |            | % Rec. | 8270C  | 10/09/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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The reported analytical results relate only to the sample submitted

Reported: 10/09/14 14:21 Printed: 10/09/14 14:21

Summary of Remarks For Samples Printed  
10/09/14 at 14:21:21

TSR Signing Reports: 288  
R2 - Rush: Next Day

Dry wt PO # 000141276 through Dec 31, 2014 Full TCLP also requires RCI PO NUMBERS ON ALL  
PROJECTS Glycols-sub outs \$225

Sample: L726183-01 Account: ENVIROFNM Received: 10/08/14 09:00 Due Date: 10/09/14 00:00 RPT Date: 10/09/14 14:21





YOUR LAB OF CHOICE

EnviroTech- NM  
Lynn Cook  
5796 US. Highway 64  
Farmington, NM 87401

Quality Assurance Report  
Level II

L726183

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

October 09, 2014

| Analyte                     | Result | Laboratory Blank |       | Limit    | Batch    | Date Analyzed  |
|-----------------------------|--------|------------------|-------|----------|----------|----------------|
|                             |        | Units            | % Rec |          |          |                |
| Total Solids                | < .1   | †                |       |          | WG747429 | 10/09/14 06:49 |
| 1,2,4-Trichlorobenzene      | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 2,4,6-Trichlorophenol       | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 2,4-Dichlorophenol          | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 2,4-Dimethylphenol          | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 2,4-Dinitrophenol           | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 2,4-Dinitrotoluene          | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 2,6-Dinitrotoluene          | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 2-Chloronaphthalene         | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 2-Chlorophenol              | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 2-Nitrophenol               | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 3,3-Dichlorobenzidine       | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 4,6-Dinitro-2-methylphenol  | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 4-Bromophenyl-phenylether   | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 4-Chloro-3-methylphenol     | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 4-Chlorophenyl-phenylether  | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 4-Nitrophenol               | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Acenaphthene                | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Acenaphthylene              | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Anthracene                  | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Benzidine                   | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Benzo(a)anthracene          | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Benzo(a)pyrene              | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Benzo(b)fluoranthene        | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Benzo(g,h,i)perylene        | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Benzo(k)fluoranthene        | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Benzylbutyl phthalate       | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Bis(2-chloroethoxy)methane  | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Bis(2-chloroethyl)ether     | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Bis(2-chloroisopropyl)ether | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Bis(2-ethylhexyl)phthalate  | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Chrysene                    | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Di-n-butyl phthalate        | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Di-n-octyl phthalate        | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Dibenz(a,h)anthracene       | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Diethyl phthalate           | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Dimethyl phthalate          | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Fluoranthene                | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Fluorene                    | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Hexachloro-1,3-butadiene    | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Hexachlorobenzene           | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Hexachlorocyclopentadiene   | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Hexachloroethane            | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Indeno(1,2,3-cd)pyrene      | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Isophorone                  | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| n-Nitrosodi-n-propylamine   | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| n-Nitrosodimethylamine      | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| n-Nitrosodiphenylamine      | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Naphthalene                 | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Nitrobenzene                | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Pentachlorophenol           | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Phenanthrene                | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Phenol                      | < .333 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| Pyrene                      | < .033 | mg/kg            |       |          | WG747265 | 10/09/14 03:13 |
| 2,4,6-Tribromophenol        |        | † Rec.           | 69.70 | 21.6-142 | WG747265 | 10/09/14 03:13 |
| 2-Fluorobiphenyl            |        | † Rec.           | 58.40 | 34.9-129 | WG747265 | 10/09/14 03:13 |
| 2-Fluorophenol              |        | † Rec.           | 61.60 | 21.1-116 | WG747265 | 10/09/14 03:13 |

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





YOUR LAB OF CHOICE

EnviroTech- NM  
Lynn Cook  
5796 US. Highway 64  
Farmington, NM 87401

Quality Assurance Report  
Level II

L726183

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615)-758-5859

Tax I.D. 62-0814289

Est. 1970

October 09, 2014

| Analyte         | Units | Result | Duplicate |  | RPD | Limit    | Ref Samp | Batch          |
|-----------------|-------|--------|-----------|--|-----|----------|----------|----------------|
|                 |       |        | Duplicate |  |     |          |          |                |
| Nitrobenzene-d5 |       | % Rec. | 56.10     |  |     | 21.9-129 |          | 10/09/14 03:13 |
| Phenol-d5       |       | % Rec. | 58.80     |  |     | 26.3-121 |          | 10/09/14 03:13 |
| p-Terphenyl-d14 |       | % Rec. | 54.10     |  |     | 21.5-128 |          | 10/09/14 03:13 |

| Analyte      | Units | Result | Duplicate |  | RPD  | Limit | Ref Samp   | Batch    |
|--------------|-------|--------|-----------|--|------|-------|------------|----------|
|              |       |        | Duplicate |  |      |       |            |          |
| Total Solids | %     | 62.5   | 61.2      |  | 2.13 | 5     | L726138-04 | WG747429 |

| Analyte                     | Units | Laboratory Control Sample |        | % Rec | Limit    | Batch    |
|-----------------------------|-------|---------------------------|--------|-------|----------|----------|
|                             |       | Known Val                 | Result |       |          |          |
| Total Solids                | %     | 50                        | 50.0   | 100.  | 85-115   | WG747429 |
| 1,2,4-Trichlorobenzene      | mg/kg | .333                      | 0.196  | 58.8  | 39.8-100 | WG747265 |
| 2,4,6-Trichlorophenol       | mg/kg | .333                      | 0.221  | 66.3  | 44.4-108 | WG747265 |
| 2,4-Dichlorophenol          | mg/kg | .333                      | 0.221  | 66.3  | 46.2-109 | WG747265 |
| 2,4-Dimethylphenol          | mg/kg | .333                      | 0.204  | 61.3  | 42.2-110 | WG747265 |
| 2,4-Dinitrophenol           | mg/kg | .333                      | 0.145  | 43.6  | 10-105   | WG747265 |
| 2,4-Dinitrotoluene          | mg/kg | .333                      | 0.207  | 62.0  | 53-112   | WG747265 |
| 2,6-Dinitrotoluene          | mg/kg | .333                      | 0.204  | 61.2  | 51.6-110 | WG747265 |
| 2-Chloronaphthalene         | mg/kg | .333                      | 0.215  | 64.6  | 47.1-105 | WG747265 |
| 2-Chlorophenol              | mg/kg | .333                      | 0.188  | 56.3  | 40.8-103 | WG747265 |
| 2-Nitrophenol               | mg/kg | .333                      | 0.211  | 63.3  | 44.2-113 | WG747265 |
| 3,3-Dichlorobenzidine       | mg/kg | .333                      | 0.188  | 56.4  | 21-101   | WG747265 |
| 4,6-Dinitro-2-methylphenol  | mg/kg | .333                      | 0.199  | 59.7  | 23.1-119 | WG747265 |
| 4-Bromophenyl-phenylether   | mg/kg | .333                      | 0.229  | 68.8  | 51.4-110 | WG747265 |
| 4-Chloro-3-methylphenol     | mg/kg | .333                      | 0.196  | 58.9  | 51.1-113 | WG747265 |
| 4-Chlorophenyl-phenylether  | mg/kg | .333                      | 0.208  | 62.5  | 48.1-108 | WG747265 |
| 4-Nitrophenol               | mg/kg | .333                      | 0.190  | 57.1  | 34.8-109 | WG747265 |
| Acenaphthene                | mg/kg | .333                      | 0.200  | 60.2  | 48.9-107 | WG747265 |
| Acenaphthylene              | mg/kg | .333                      | 0.208  | 62.4  | 49.2-111 | WG747265 |
| Anthracene                  | mg/kg | .333                      | 0.207  | 62.1  | 52-112   | WG747265 |
| Benzidine                   | mg/kg | .333                      | 0.0386 | 11.6  | 0-48     | WG747265 |
| Benzo(a)anthracene          | mg/kg | .333                      | 0.199  | 59.9  | 52.3-106 | WG747265 |
| Benzo(a)pyrene              | mg/kg | .333                      | 0.203  | 61.1  | 51.9-106 | WG747265 |
| Benzo(b)fluoranthene        | mg/kg | .333                      | 0.197  | 59.2  | 51.3-106 | WG747265 |
| Benzo(g,h,i)perylene        | mg/kg | .333                      | 0.219  | 65.7  | 45.8-108 | WG747265 |
| Benzo(k)fluoranthene        | mg/kg | .333                      | 0.197  | 59.2  | 52.9-107 | WG747265 |
| Benzylbutyl phthalate       | mg/kg | .333                      | 0.196  | 58.8  | 47.5-115 | WG747265 |
| Bis(2-chloroethoxy)methane  | mg/kg | .333                      | 0.179  | 53.8  | 44.9-108 | WG747265 |
| Bis(2-chloroethyl)ether     | mg/kg | .333                      | 0.164  | 49.2  | 32.5-112 | WG747265 |
| Bis(2-chloroisopropyl)ether | mg/kg | .333                      | 0.183  | 54.9  | 40.4-99  | WG747265 |
| Bis(2-ethylhexyl)phthalate  | mg/kg | .333                      | 0.198  | 59.5  | 48.1-116 | WG747265 |
| Chrysene                    | mg/kg | .333                      | 0.197  | 59.0  | 54.4-110 | WG747265 |
| Di-n-butyl phthalate        | mg/kg | .333                      | 0.200  | 60.0  | 49.7-113 | WG747265 |
| Di-n-octyl phthalate        | mg/kg | .333                      | 0.194  | 58.2  | 49.6-112 | WG747265 |
| Dibenz(a,h)anthracene       | mg/kg | .333                      | 0.213  | 64.0  | 45.7-111 | WG747265 |
| Diethyl phthalate           | mg/kg | .333                      | 0.208  | 62.5  | 52-112   | WG747265 |
| Dimethyl phthalate          | mg/kg | .333                      | 0.215  | 64.7  | 51.4-108 | WG747265 |
| Fluoranthene                | mg/kg | .333                      | 0.201  | 60.4  | 53.7-110 | WG747265 |
| Fluorene                    | mg/kg | .333                      | 0.204  | 61.2  | 51.1-109 | WG747265 |
| Hexachloro-1,3-butadiene    | mg/kg | .333                      | 0.194  | 58.3  | 41.5-112 | WG747265 |
| Hexachlorobenzene           | mg/kg | .333                      | 0.239  | 71.6  | 43.2-104 | WG747265 |
| Hexachlorocyclopentadiene   | mg/kg | .333                      | 0.149  | 44.6  | 13.5-123 | WG747265 |
| Hexachloroethane            | mg/kg | .333                      | 0.168  | 50.5  | 36.2-103 | WG747265 |
| Indeno(1,2,3-cd)pyrene      | mg/kg | .333                      | 0.213  | 64.1  | 47.5-109 | WG747265 |
| Isophorone                  | mg/kg | .333                      | 0.212  | 63.5  | 28.8-104 | WG747265 |

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





YOUR LAB OF CHOICE

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5796 US. Highway 64  
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Quality Assurance Report  
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Tax I.D. 62-0814289

Est. 1970

October 09, 2014

| Analyte                   | Units | Laboratory Control Sample |        | % Rec | Limit    | Batch    |
|---------------------------|-------|---------------------------|--------|-------|----------|----------|
|                           |       | Known Val                 | Result |       |          |          |
| n-Nitrosodi-n-propylamine | mg/kg | .333                      | 0.178  | 53.6  | 43.3-109 | WG747265 |
| n-Nitrosodimethylamine    | mg/kg | .333                      | 0.181  | 54.4  | 18.1-122 | WG747265 |
| n-Nitrosodiphenylamine    | mg/kg | .333                      | 0.200  | 60.1  | 48.8-107 | WG747265 |
| Naphthalene               | mg/kg | .333                      | 0.181  | 54.4  | 43.4-103 | WG747265 |
| Nitrobenzene              | mg/kg | .333                      | 0.186  | 56.0  | 40.7-109 | WG747265 |
| Pentachlorophenol         | mg/kg | .333                      | 0.176  | 53.0  | 16.2-102 | WG747265 |
| Phenanthrene              | mg/kg | .333                      | 0.201  | 60.3  | 51.6-107 | WG747265 |
| Phenol                    | mg/kg | .333                      | 0.194  | 58.2  | 41.5-106 | WG747265 |
| Pyrene                    | mg/kg | .333                      | 0.193  | 57.8  | 47.1-108 | WG747265 |
| 2,4,6-Tribromophenol      |       |                           |        | 73.50 | 21.6-142 | WG747265 |
| 2-Fluorobiphenyl          |       |                           |        | 62.10 | 34.9-129 | WG747265 |
| 2-Fluorophenol            |       |                           |        | 59.60 | 21.1-116 | WG747265 |
| Nitrobenzene-d5           |       |                           |        | 54.00 | 21.9-129 | WG747265 |
| Phenol-d5                 |       |                           |        | 56.30 | 26.3-121 | WG747265 |
| p-Terphenyl-d14           |       |                           |        | 54.50 | 21.5-128 | WG747265 |

| Analyte                     | Units | Laboratory Control Sample Duplicate |        |      | Limit    | RPD   | Limit | Batch    |
|-----------------------------|-------|-------------------------------------|--------|------|----------|-------|-------|----------|
|                             |       | Result                              | Ref    | %Rec |          |       |       |          |
| 1,2,4-Trichlorobenzene      | mg/kg | 0.200                               | 0.196  | 60.0 | 39.8-100 | 2.01  | 20    | WG747265 |
| 2,4,6-Trichlorophenol       | mg/kg | 0.230                               | 0.221  | 69.0 | 44.4-108 | 4.11  | 20    | WG747265 |
| 2,4-Dichlorophenol          | mg/kg | 0.231                               | 0.221  | 69.0 | 46.2-109 | 4.35  | 20    | WG747265 |
| 2,4-Dimethylphenol          | mg/kg | 0.219                               | 0.204  | 66.0 | 42.2-110 | 7.10  | 20    | WG747265 |
| 2,4-Dinitrophenol           | mg/kg | 0.152                               | 0.145  | 46.0 | 10-105   | 4.93  | 36.5  | WG747265 |
| 2,4-Dinitrotoluene          | mg/kg | 0.206                               | 0.207  | 62.0 | 53-112   | 0.210 | 20    | WG747265 |
| 2,6-Dinitrotoluene          | mg/kg | 0.219                               | 0.204  | 66.0 | 51.6-110 | 7.38  | 20    | WG747265 |
| 2-Chloronaphthalene         | mg/kg | 0.215                               | 0.215  | 65.0 | 47.1-105 | 0.150 | 20    | WG747265 |
| 2-Chlorophenol              | mg/kg | 0.195                               | 0.188  | 58.0 | 40.8-103 | 3.83  | 20    | WG747265 |
| 2-Nitrophenol               | mg/kg | 0.223                               | 0.211  | 67.0 | 44.2-113 | 5.49  | 20.9  | WG747265 |
| 3,3-Dichlorobenzidine       | mg/kg | 0.211                               | 0.188  | 64.0 | 21-101   | 11.8  | 22    | WG747265 |
| 4,6-Dinitro-2-methylphenol  | mg/kg | 0.208                               | 0.199  | 62.0 | 23.1-119 | 4.71  | 23.7  | WG747265 |
| 4-Bromophenyl-phenylether   | mg/kg | 0.240                               | 0.229  | 72.0 | 51.4-110 | 4.39  | 20    | WG747265 |
| 4-Chloro-3-methylphenol     | mg/kg | 0.216                               | 0.196  | 65.0 | 51.1-113 | 9.37  | 20    | WG747265 |
| 4-Chlorophenyl-phenylether  | mg/kg | 0.217                               | 0.208  | 65.0 | 48.1-108 | 4.09  | 20    | WG747265 |
| 4-Nitrophenol               | mg/kg | 0.193                               | 0.190  | 58.0 | 34.8-109 | 1.26  | 20    | WG747265 |
| Acenaphthene                | mg/kg | 0.209                               | 0.200  | 63.0 | 48.9-107 | 4.01  | 20    | WG747265 |
| Acenaphthylene              | mg/kg | 0.221                               | 0.208  | 66.0 | 49.2-111 | 6.37  | 20    | WG747265 |
| Anthracene                  | mg/kg | 0.217                               | 0.207  | 65.0 | 52-112   | 4.85  | 20    | WG747265 |
| Benidine                    | mg/kg | 0.0366                              | 0.0386 | 11.0 | 0-48     | 5.48  | 40    | WG747265 |
| Benzo(a)anthracene          | mg/kg | 0.214                               | 0.199  | 64.0 | 52.3-106 | 7.00  | 20    | WG747265 |
| Benzo(a)pyrene              | mg/kg | 0.209                               | 0.203  | 63.0 | 51.9-106 | 2.93  | 20    | WG747265 |
| Benzo(b)fluoranthene        | mg/kg | 0.212                               | 0.197  | 64.0 | 51.3-106 | 7.18  | 20    | WG747265 |
| Benzo(g,h,i)perylene        | mg/kg | 0.228                               | 0.219  | 68.0 | 45.8-108 | 3.89  | 20    | WG747265 |
| Benzo(k)fluoranthene        | mg/kg | 0.203                               | 0.197  | 61.0 | 52.9-107 | 2.82  | 20    | WG747265 |
| Benzylbutyl phthalate       | mg/kg | 0.213                               | 0.196  | 64.0 | 47.5-115 | 8.32  | 20    | WG747265 |
| Bis(2-chlorethoxy)methane   | mg/kg | 0.193                               | 0.179  | 58.0 | 44.9-108 | 7.32  | 20    | WG747265 |
| Bis(2-chloroethyl)ether     | mg/kg | 0.178                               | 0.164  | 53.0 | 32.5-112 | 8.23  | 26    | WG747265 |
| Bis(2-chloroisopropyl)ether | mg/kg | 0.189                               | 0.183  | 57.0 | 40.4-99  | 3.42  | 20.7  | WG747265 |
| Bis(2-ethylhexyl)phthalate  | mg/kg | 0.212                               | 0.198  | 64.0 | 48.1-116 | 6.93  | 20.5  | WG747265 |
| Chrysene                    | mg/kg | 0.214                               | 0.197  | 64.0 | 54.4-110 | 8.45  | 20    | WG747265 |
| Di-n-butyl phthalate        | mg/kg | 0.211                               | 0.200  | 63.0 | 49.7-113 | 5.46  | 20    | WG747265 |
| Di-n-octyl phthalate        | mg/kg | 0.213                               | 0.194  | 64.0 | 49.6-112 | 9.50  | 22    | WG747265 |
| Dibenz(a,h)anthracene       | mg/kg | 0.224                               | 0.213  | 67.0 | 45.7-111 | 4.88  | 20    | WG747265 |
| Diethyl phthalate           | mg/kg | 0.219                               | 0.208  | 66.0 | 52-112   | 5.05  | 20    | WG747265 |
| Dimethyl phthalate          | mg/kg | 0.225                               | 0.215  | 68.0 | 51.4-108 | 4.38  | 20    | WG747265 |
| Fluoranthene                | mg/kg | 0.208                               | 0.201  | 62.0 | 53.7-110 | 3.57  | 20    | WG747265 |
| Fluorene                    | mg/kg | 0.213                               | 0.204  | 64.0 | 51.1-109 | 4.20  | 20    | WG747265 |
| Hexachloro-1,3-butadiene    | mg/kg | 0.208                               | 0.194  | 62.0 | 41.5-112 | 6.97  | 20    | WG747265 |
| Hexachlorobenzene           | mg/kg | 0.246                               | 0.239  | 74.0 | 43.2-104 | 3.09  | 20.1  | WG747265 |

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Tax I.D. 62-0814289

Est. 1970

October 09, 2014

| Analyte                   | Laboratory Control Sample Duplicate |        |       |       | Limit    | RPD   | Limit | Batch    |
|---------------------------|-------------------------------------|--------|-------|-------|----------|-------|-------|----------|
|                           | Units                               | Result | Ref   | %Rec  |          |       |       |          |
| Hexachlorocyclopentadiene | mg/kg                               | 0.156  | 0.149 | 47.0  | 13.5-123 | 5.01  | 20.7  | WG747265 |
| Hexachloroethane          | mg/kg                               | 0.184  | 0.168 | 55.0  | 36.2-103 | 8.85  | 22.7  | WG747265 |
| Indeno(1,2,3-cd)pyrene    | mg/kg                               | 0.225  | 0.213 | 68.0  | 47.5-109 | 5.45  | 20    | WG747265 |
| Isophorone                | mg/kg                               | 0.228  | 0.212 | 68.0  | 28.8-104 | 7.65  | 20    | WG747265 |
| n-Nitrosodi-n-propylamine | mg/kg                               | 0.189  | 0.178 | 57.0  | 43.3-109 | 5.84  | 20    | WG747265 |
| n-Nitrosodimethylamine    | mg/kg                               | 0.181  | 0.181 | 54.0  | 18.1-122 | 0.240 | 23.5  | WG747265 |
| n-Nitrosodiphenylamine    | mg/kg                               | 0.210  | 0.200 | 63.0  | 48.8-107 | 4.93  | 20    | WG747265 |
| Naphthalene               | mg/kg                               | 0.188  | 0.181 | 56.0  | 43.4-103 | 3.59  | 20    | WG747265 |
| Nitrobenzene              | mg/kg                               | 0.203  | 0.186 | 61.0  | 40.7-109 | 8.64  | 21    | WG747265 |
| Pentachlorophenol         | mg/kg                               | 0.183  | 0.176 | 55.0  | 16.2-102 | 3.49  | 22.9  | WG747265 |
| Phenanthrene              | mg/kg                               | 0.210  | 0.201 | 63.0  | 51.6-107 | 4.47  | 20    | WG747265 |
| Phenol                    | mg/kg                               | 0.204  | 0.194 | 61.0  | 41.5-106 | 5.19  | 20    | WG747265 |
| Pyrene                    | mg/kg                               | 0.208  | 0.193 | 62.0  | 47.1-108 | 7.61  | 20    | WG747265 |
| 2,4,6-Tribromophenol      |                                     |        |       | 77.60 | 21.6-142 |       |       | WG747265 |
| 2-Fluorobiphenyl          |                                     |        |       | 65.00 | 34.9-129 |       |       | WG747265 |
| 2-Fluorophenol            |                                     |        |       | 63.10 | 21.1-116 |       |       | WG747265 |
| Nitrobenzene-d5           |                                     |        |       | 58.90 | 21.9-129 |       |       | WG747265 |
| Phenol-d5                 |                                     |        |       | 59.60 | 26.3-121 |       |       | WG747265 |
| p-Terphenyl-d14           |                                     |        |       | 58.80 | 21.5-128 |       |       | WG747265 |

| Analyte                     | Units | Matrix Spike |         |      |       | Limit    | Ref Samp   | Batch    |
|-----------------------------|-------|--------------|---------|------|-------|----------|------------|----------|
|                             |       | MS Res       | Ref Res | TV   | % Rec |          |            |          |
| 1,2,4-Trichlorobenzene      | mg/kg | 0.206        | 0.0     | .333 | 62.0  | 36.5-114 | L725860-01 | WG747265 |
| 2,4,6-Trichlorophenol       | mg/kg | 0.245        | 0.0     | .333 | 73.0  | 33.8-133 | L725860-01 | WG747265 |
| 2,4-Dichlorophenol          | mg/kg | 0.239        | 0.0     | .333 | 72.0  | 34.8-134 | L725860-01 | WG747265 |
| 2,4-Dimethylphenol          | mg/kg | 0.224        | 0.0     | .333 | 67.0  | 12.3-149 | L725860-01 | WG747265 |
| 2,4-Dinitrophenol           | mg/kg | 0.176        | 0.0     | .333 | 53.0  | 10-121   | L725860-01 | WG747265 |
| 2,4-Dinitrotoluene          | mg/kg | 0.221        | 0.0     | .333 | 66.0  | 27.8-147 | L725860-01 | WG747265 |
| 2,6-Dinitrotoluene          | mg/kg | 0.223        | 0.0     | .333 | 67.0  | 36.5-137 | L725860-01 | WG747265 |
| 2-Chloronaphthalene         | mg/kg | 0.224        | 0.0     | .333 | 67.0  | 37.5-123 | L725860-01 | WG747265 |
| 2-Chlorophenol              | mg/kg | 0.208        | 0.0     | .333 | 63.0  | 33.2-121 | L725860-01 | WG747265 |
| 2-Nitrophenol               | mg/kg | 0.230        | 0.0     | .333 | 69.0  | 29.5-144 | L725860-01 | WG747265 |
| 3,3-Dichlorobenzidine       | mg/kg | 0.197        | 0.0     | .333 | 59.0  | 10-129   | L725860-01 | WG747265 |
| 4,6-Dinitro-2-methylphenol  | mg/kg | 0.218        | 0.0     | .333 | 66.0  | 10-144   | L725860-01 | WG747265 |
| 4-Bromophenyl-phenylether   | mg/kg | 0.245        | 0.0     | .333 | 74.0  | 39-130   | L725860-01 | WG747265 |
| 4-Chloro-3-methylphenol     | mg/kg | 0.220        | 0.0     | .333 | 66.0  | 27-154   | L725860-01 | WG747265 |
| 4-Chlorophenyl-phenylether  | mg/kg | 0.216        | 0.0     | .333 | 65.0  | 37.9-123 | L725860-01 | WG747265 |
| 4-Nitrophenol               | mg/kg | 0.210        | 0.0     | .333 | 63.0  | 20-133   | L725860-01 | WG747265 |
| Acenaphthene                | mg/kg | 0.210        | 0.0     | .333 | 63.0  | 32.2-134 | L725860-01 | WG747265 |
| Acenaphthylene              | mg/kg | 0.224        | 0.0     | .333 | 67.0  | 38.7-129 | L725860-01 | WG747265 |
| Anthracene                  | mg/kg | 0.221        | 0.0     | .333 | 66.0  | 32.3-137 | L725860-01 | WG747265 |
| Benzidine                   | mg/kg | 0.0440       | 0.0     | .333 | 13.0  | 0-49.9   | L725860-01 | WG747265 |
| Benzo(a)anthracene          | mg/kg | 0.212        | 0.0     | .333 | 64.0  | 33.3-124 | L725860-01 | WG747265 |
| Benzo(a)pyrene              | mg/kg | 0.207        | 0.0     | .333 | 62.0  | 28.2-128 | L725860-01 | WG747265 |
| Benzo(b)fluoranthene        | mg/kg | 0.198        | 0.0     | .333 | 59.0  | 23.3-133 | L725860-01 | WG747265 |
| Benzo(g,h,i)perylene        | mg/kg | 0.231        | 0.0     | .333 | 69.0  | 10-127   | L725860-01 | WG747265 |
| Benzo(k)fluoranthene        | mg/kg | 0.211        | 0.0     | .333 | 63.0  | 31-129   | L725860-01 | WG747265 |
| Benzylbutyl phthalate       | mg/kg | 0.207        | 0.0     | .333 | 62.0  | 33.4-128 | L725860-01 | WG747265 |
| Bis(2-chloroethoxy)methane  | mg/kg | 0.194        | 0.0     | .333 | 58.0  | 35-132   | L725860-01 | WG747265 |
| Bis(2-chloroethyl)ether     | mg/kg | 0.178        | 0.0     | .333 | 53.0  | 28.8-128 | L725860-01 | WG747265 |
| Bis(2-chloroisopropyl)ether | mg/kg | 0.195        | 0.0     | .333 | 58.0  | 31.8-118 | L725860-01 | WG747265 |
| Bis(2-ethylhexyl)phthalate  | mg/kg | 0.225        | 0.00889 | .333 | 65.0  | 21.8-141 | L725860-01 | WG747265 |
| Chrysene                    | mg/kg | 0.209        | 0.0     | .333 | 63.0  | 36.3-129 | L725860-01 | WG747265 |
| Di-n-butyl phthalate        | mg/kg | 0.219        | 0.0     | .333 | 66.0  | 32.2-133 | L725860-01 | WG747265 |
| Di-n-octyl phthalate        | mg/kg | 0.206        | 0.0     | .333 | 62.0  | 28.5-128 | L725860-01 | WG747265 |
| Dibenz(a,h)anthracene       | mg/kg | 0.225        | 0.0     | .333 | 68.0  | 10.5-128 | L725860-01 | WG747265 |
| Diethyl phthalate           | mg/kg | 0.221        | 0.0     | .333 | 66.0  | 39.4-136 | L725860-01 | WG747265 |
| Dimethyl phthalate          | mg/kg | 0.223        | 0.0     | .333 | 67.0  | 35.8-137 | L725860-01 | WG747265 |

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Tax I.D. 62-0814289

Est. 1970

October 09, 2014

| Analyte                   | Units | Matrix Spike |         |      |       | Limit    | Ref Samp   | Batch    |
|---------------------------|-------|--------------|---------|------|-------|----------|------------|----------|
|                           |       | MS Res       | Ref Res | TV   | % Rec |          |            |          |
| Fluoranthene              | mg/kg | 0.216        | 0.0     | .333 | 65.0  | 27.9-138 | L725860-01 | WG747265 |
| Fluorene                  | mg/kg | 0.215        | 0.0     | .333 | 65.0  | 34-133   | L725860-01 | WG747265 |
| Hexachloro-1,3-butadiene  | mg/kg | 0.215        | 0.0     | .333 | 65.0  | 36.5-125 | L725860-01 | WG747265 |
| Hexachlorobenzene         | mg/kg | 0.254        | 0.0     | .333 | 76.0  | 34.4-116 | L725860-01 | WG747265 |
| Hexachlorocyclopentadiene | mg/kg | 0.161        | 0.0     | .333 | 48.0  | 10-124   | L725860-01 | WG747265 |
| Hexachloroethane          | mg/kg | 0.188        | 0.0     | .333 | 56.0  | 11.3-143 | L725860-01 | WG747265 |
| Indeno(1,2,3-cd)pyrene    | mg/kg | 0.224        | 0.0     | .333 | 67.0  | 10-128   | L725860-01 | WG747265 |
| Isophorone                | mg/kg | 0.222        | 0.0     | .333 | 67.0  | 25.7-116 | L725860-01 | WG747265 |
| n-Nitrosodi-n-propylamine | mg/kg | 0.198        | 0.0     | .333 | 60.0  | 33-134   | L725860-01 | WG747265 |
| n-Nitrosodimethylamine    | mg/kg | 0.165        | 0.0     | .333 | 49.0  | 19.2-127 | L725860-01 | WG747265 |
| n-Nitrosodiphenylamine    | mg/kg | 0.210        | 0.0     | .333 | 63.0  | 26.8-133 | L725860-01 | WG747265 |
| Naphthalene               | mg/kg | 0.196        | 0.0     | .333 | 59.0  | 36.4-121 | L725860-01 | WG747265 |
| Nitrobenzene              | mg/kg | 0.208        | 0.0     | .333 | 62.0  | 30.9-134 | L725860-01 | WG747265 |
| Pentachlorophenol         | mg/kg | 0.200        | 0.0     | .333 | 60.0  | 10-139   | L725860-01 | WG747265 |
| Phenanthrene              | mg/kg | 0.214        | 0.0     | .333 | 64.0  | 30.8-137 | L725860-01 | WG747265 |
| Phenol                    | mg/kg | 0.214        | 0.0     | .333 | 64.0  | 25.1-130 | L725860-01 | WG747265 |
| Pyrene                    | mg/kg | 0.202        | 0.0     | .333 | 61.0  | 24.1-130 | L725860-01 | WG747265 |
| 2,4,6-Tribromophenol      |       |              |         |      | 83.30 | 21.6-142 |            | WG747265 |
| 2-Fluorobiphenyl          |       |              |         |      | 66.90 | 34.9-129 |            | WG747265 |
| 2-Fluorophenol            |       |              |         |      | 66.20 | 21.1-116 |            | WG747265 |
| Nitrobenzene-d5           |       |              |         |      | 59.80 | 21.9-129 |            | WG747265 |
| Phenol-d5                 |       |              |         |      | 62.50 | 26.3-121 |            | WG747265 |
| p-Terphenyl-d14           |       |              |         |      | 59.70 | 21.5-128 |            | WG747265 |

| Analyte                     | Units | Matrix Spike Duplicate |        |      | Limit    | RPD   | Limit | Ref Samp   | Batch    |
|-----------------------------|-------|------------------------|--------|------|----------|-------|-------|------------|----------|
|                             |       | MSD                    | Ref    | %Rec |          |       |       |            |          |
| 1,2,4-Trichlorobenzene      | mg/kg | 0.182                  | 0.206  | 54.5 | 36.5-114 | 12.8  | 28.4  | L725860-01 | WG747265 |
| 2,4,6-Trichlorophenol       | mg/kg | 0.239                  | 0.245  | 71.6 | 33.8-133 | 2.52  | 28.1  | L725860-01 | WG747265 |
| 2,4-Dichlorophenol          | mg/kg | 0.226                  | 0.239  | 67.9 | 34.8-134 | 5.51  | 27.3  | L725860-01 | WG747265 |
| 2,4-Dimethylphenol          | mg/kg | 0.209                  | 0.224  | 62.7 | 12.3-149 | 6.90  | 32.3  | L725860-01 | WG747265 |
| 2,4-Dinitrophenol           | mg/kg | 0.145                  | 0.176  | 43.5 | 10-121   | 19.7  | 39.4  | L725860-01 | WG747265 |
| 2,4-Dinitrotoluene          | mg/kg | 0.212                  | 0.221  | 63.5 | 27.8-147 | 4.20  | 29.7  | L725860-01 | WG747265 |
| 2,6-Dinitrotoluene          | mg/kg | 0.217                  | 0.223  | 65.3 | 36.5-137 | 2.42  | 29.7  | L725860-01 | WG747265 |
| 2-Chloronaphthalene         | mg/kg | 0.215                  | 0.224  | 64.6 | 37.5-123 | 3.94  | 26.5  | L725860-01 | WG747265 |
| 2-Chlorophenol              | mg/kg | 0.181                  | 0.208  | 54.3 | 33.2-121 | 14.1  | 29.3  | L725860-01 | WG747265 |
| 2-Nitrophenol               | mg/kg | 0.212                  | 0.230  | 63.7 | 29.5-144 | 7.97  | 29.9  | L725860-01 | WG747265 |
| 3,3-Dichlorobenzidine       | mg/kg | 0.195                  | 0.197  | 58.5 | 10-129   | 1.29  | 40    | L725860-01 | WG747265 |
| 4,6-Dinitro-2-methylphenol  | mg/kg | 0.203                  | 0.218  | 61.0 | 10-144   | 7.04  | 32.7  | L725860-01 | WG747265 |
| 4-Bromophenyl-phenylether   | mg/kg | 0.230                  | 0.245  | 69.0 | 39-130   | 6.49  | 26    | L725860-01 | WG747265 |
| 4-Chloro-3-methylphenol     | mg/kg | 0.210                  | 0.220  | 63.2 | 27-154   | 4.30  | 26.6  | L725860-01 | WG747265 |
| 4-Chlorophenyl-phenylether  | mg/kg | 0.207                  | 0.216  | 62.3 | 37.9-123 | 4.08  | 25.9  | L725860-01 | WG747265 |
| 4-Nitrophenol               | mg/kg | 0.200                  | 0.210  | 60.0 | 20-133   | 4.91  | 30.2  | L725860-01 | WG747265 |
| Acenaphthene                | mg/kg | 0.200                  | 0.210  | 60.1 | 32.2-134 | 4.75  | 27.3  | L725860-01 | WG747265 |
| Acenaphthylene              | mg/kg | 0.218                  | 0.224  | 65.4 | 38.7-129 | 2.67  | 25.9  | L725860-01 | WG747265 |
| Anthracene                  | mg/kg | 0.209                  | 0.221  | 62.8 | 32.3-137 | 5.32  | 28.4  | L725860-01 | WG747265 |
| Benzidine                   | mg/kg | 0.0421                 | 0.0440 | 12.6 | 0-49.9   | 4.32  | 40    | L725860-01 | WG747265 |
| Benzo(a)anthracene          | mg/kg | 0.204                  | 0.212  | 61.3 | 33.3-124 | 3.75  | 29    | L725860-01 | WG747265 |
| Benzo(a)pyrene              | mg/kg | 0.201                  | 0.207  | 60.4 | 28.2-128 | 2.83  | 28.4  | L725860-01 | WG747265 |
| Benzo(b)fluoranthene        | mg/kg | 0.197                  | 0.198  | 59.2 | 23.3-133 | 0.180 | 30.3  | L725860-01 | WG747265 |
| Benzo(g,h,i)perylene        | mg/kg | 0.220                  | 0.231  | 66.2 | 10-127   | 4.66  | 31.9  | L725860-01 | WG747265 |
| Benzo(k)fluoranthene        | mg/kg | 0.193                  | 0.211  | 57.9 | 31-129   | 8.85  | 26.7  | L725860-01 | WG747265 |
| Benzylbutyl phthalate       | mg/kg | 0.202                  | 0.207  | 60.7 | 33.4-128 | 2.32  | 28.5  | L725860-01 | WG747265 |
| Bis(2-chloroethoxy)methane  | mg/kg | 0.183                  | 0.194  | 54.8 | 35-132   | 5.97  | 26.1  | L725860-01 | WG747265 |
| Bis(2-chloroethyl)ether     | mg/kg | 0.155                  | 0.178  | 46.5 | 28.8-128 | 13.8  | 33.6  | L725860-01 | WG747265 |
| Bis(2-chloroisopropyl)ether | mg/kg | 0.174                  | 0.195  | 52.4 | 31.8-118 | 11.0  | 31.7  | L725860-01 | WG747265 |
| Bis(2-ethylhexyl)phthalate  | mg/kg | 0.210                  | 0.225  | 60.3 | 21.8-141 | 6.77  | 35.2  | L725860-01 | WG747265 |
| Chrysene                    | mg/kg | 0.201                  | 0.209  | 60.5 | 36.3-129 | 3.84  | 28    | L725860-01 | WG747265 |
| Di-n-butyl phthalate        | mg/kg | 0.205                  | 0.219  | 61.6 | 32.2-133 | 6.64  | 25.9  | L725860-01 | WG747265 |

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





YOUR LAB OF CHOICE

EnviroTech- NM  
Lynn Cook  
5796 US. Highway 64  
Farmington, NM 87401

Quality Assurance Report  
Level II

L726183

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(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

October 09, 2014

| Analyte                   | Units | MSD   | Matrix Spike Duplicate |       | Limit    | RPD  | Limit | Ref Samp   | Batch    |
|---------------------------|-------|-------|------------------------|-------|----------|------|-------|------------|----------|
|                           |       |       | Ref                    | %Rec  |          |      |       |            |          |
| Di-n-octyl phthalate      | mg/kg | 0.197 | 0.206                  | 59.3  | 28.5-128 | 4.12 | 32.5  | L725860-01 | WG747265 |
| Dibenz(a,h)anthracene     | mg/kg | 0.212 | 0.225                  | 63.7  | 10.5-128 | 6.03 | 29.5  | L725860-01 | WG747265 |
| Diethyl phthalate         | mg/kg | 0.217 | 0.221                  | 65.1  | 39.4-136 | 2.07 | 25.5  | L725860-01 | WG747265 |
| Dimethyl phthalate        | mg/kg | 0.212 | 0.223                  | 63.8  | 35.8-137 | 4.82 | 25.4  | L725860-01 | WG747265 |
| Fluoranthene              | mg/kg | 0.205 | 0.216                  | 61.5  | 27.9-138 | 5.35 | 26.9  | L725860-01 | WG747265 |
| Fluorene                  | mg/kg | 0.201 | 0.215                  | 60.4  | 34-133   | 6.81 | 27.1  | L725860-01 | WG747265 |
| Hexachloro-1,3-butadiene  | mg/kg | 0.179 | 0.215                  | 53.8  | 36.5-125 | 18.3 | 29.7  | L725860-01 | WG747265 |
| Hexachlorobenzene         | mg/kg | 0.250 | 0.254                  | 75.1  | 34.4-116 | 1.72 | 25.4  | L725860-01 | WG747265 |
| Hexachlorocyclopentadiene | mg/kg | 0.141 | 0.161                  | 42.4  | 10-124   | 13.0 | 37.5  | L725860-01 | WG747265 |
| Hexachloroethane          | mg/kg | 0.147 | 0.188                  | 44.1  | 11.3-143 | 24.5 | 31.9  | L725860-01 | WG747265 |
| Indeno(1,2,3-cd)pyrene    | mg/kg | 0.213 | 0.224                  | 64.1  | 10-128   | 4.89 | 31.5  | L725860-01 | WG747265 |
| Isophorone                | mg/kg | 0.214 | 0.222                  | 64.1  | 25.7-116 | 3.79 | 27.7  | L725860-01 | WG747265 |
| n-Nitrosodi-n-propylamine | mg/kg | 0.188 | 0.198                  | 56.5  | 33-134   | 5.32 | 28.2  | L725860-01 | WG747265 |
| n-Nitrosodimethylamine    | mg/kg | 0.135 | 0.165                  | 40.6  | 19.2-127 | 19.5 | 32    | L725860-01 | WG747265 |
| n-Nitrosodiphenylamine    | mg/kg | 0.204 | 0.210                  | 61.2  | 26.8-133 | 2.95 | 25.9  | L725860-01 | WG747265 |
| Naphthalene               | mg/kg | 0.176 | 0.196                  | 52.8  | 36.4-121 | 10.6 | 27.2  | L725860-01 | WG747265 |
| Nitrobenzene              | mg/kg | 0.188 | 0.208                  | 56.5  | 30.9-134 | 10.1 | 27.8  | L725860-01 | WG747265 |
| Pentachlorophenol         | mg/kg | 0.197 | 0.200                  | 59.0  | 10-139   | 1.47 | 28.3  | L725860-01 | WG747265 |
| Phenanthrene              | mg/kg | 0.203 | 0.214                  | 61.0  | 30.8-137 | 5.35 | 26.5  | L725860-01 | WG747265 |
| Phenol                    | mg/kg | 0.194 | 0.214                  | 58.2  | 25.1-130 | 9.75 | 29.6  | L725860-01 | WG747265 |
| Pyrene                    | mg/kg | 0.195 | 0.202                  | 58.5  | 24.1-130 | 3.75 | 29.9  | L725860-01 | WG747265 |
| 2,4,6-Tribromophenol      |       |       |                        | 82.30 | 21.6-142 |      |       |            | WG747265 |
| 2-Fluorobiphenyl          |       |       |                        | 66.20 | 34.9-129 |      |       |            | WG747265 |
| 2-Fluorophenol            |       |       |                        | 56.40 | 21.1-116 |      |       |            | WG747265 |
| Nitrobenzene-d5           |       |       |                        | 55.60 | 21.9-129 |      |       |            | WG747265 |
| Phenol-d5                 |       |       |                        | 58.70 | 26.3-121 |      |       |            | WG747265 |
| p-Terphenyl-d14           |       |       |                        | 57.80 | 21.5-128 |      |       |            | WG747265 |

Batch number /Run number / Sample number cross reference

WG747429: R2996184: L726183-01  
WG747265: R2996277: L726183-01

\* \* Calculations are performed prior to rounding of reported values.  
\* Performance of this Analyte is outside of established criteria.  
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





YOUR LAB OF CHOICE

EnviroTech- NM  
Lynn Cook  
5796 US. Highway 64  
Farmington, NM 87401

Quality Assurance Report  
Level II

L726183

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(615) 758-5858  
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Tax I.D. 62-0814289

Est. 1970

October 09, 2014

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.









## Analytical Report

### Report Summary

Client: CCI, LLC

Chain Of Custody Number: 17588

Samples Received: 12/11/2014 3:55:00PM

Job Number: 14038-0004

Work Order: P412036

Project Name/Location: Horseshoe Gallup  
Pipeline Leak

Entire Report Reviewed By:

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

Date: 12/17/14

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

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100% Satisfaction  
Guaranteed

CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Sheena Leon

Reported:  
17-Dec-14 07:17

### Analytical Report for Samples

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| Q                | P412036-01A   | Soil   | 12/11/14 | 12/11/14 | Glass Jar, 4 oz. |
| K                | P412036-02A   | Soil   | 12/11/14 | 12/11/14 | Glass Jar, 4 oz. |
|                  | P412036-02B   | Soil   | 12/11/14 | 12/11/14 | Glass Jar, 4 oz. |
| A                | P412036-03A   | Soil   | 12/11/14 | 12/11/14 | Glass Jar, 4 oz. |
|                  | P412036-03B   | Soil   | 12/11/14 | 12/11/14 | Glass Jar, 4 oz. |
| J                | P412036-04A   | Soil   | 12/11/14 | 12/11/14 | Glass Jar, 4 oz. |
|                  | P412036-04B   | Soil   | 12/11/14 | 12/11/14 | Glass Jar, 4 oz. |
| L                | P412036-05A   | Soil   | 12/11/14 | 12/11/14 | Glass Jar, 4 oz. |
|                  | P412036-05B   | Soil   | 12/11/14 | 12/11/14 | Glass Jar, 4 oz. |
| R                | P412036-06A   | Soil   | 12/11/14 | 12/11/14 | Glass Jar, 4 oz. |
|                  | P412036-06B   | Soil   | 12/11/14 | 12/11/14 | Glass Jar, 4 oz. |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Sheena Leon

Reported:  
17-Dec-14 07:17

# K

## P412036-02 (Solid)

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.20            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID    |        | 106 %           |       | 50-150   | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 9.99            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 35.0            | mg/kg | 1        | 1450022 | 12/11/14 | 12/12/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 103 %           |       | 50-200   | 1450022 | 12/11/14 | 12/12/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID    |        | 95.2 %          |       | 50-150   | 1450019 | 12/11/14 | 12/12/14 | EPA 8015D |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Sheena Leon

Reported:  
17-Dec-14 07:17

A  
P412036-03 (Solid)

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.20            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID    |        | 106 %           |       | 50-150   | 1450019 | 12/11/14 | 12/12/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 9.99            | mg/kg | 1        | 1450019 | 12/11/14 | 12/12/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 30.0            | mg/kg | 1        | 1450022 | 12/11/14 | 12/12/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 104 %           |       | 50-200   | 1450022 | 12/11/14 | 12/12/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID    |        | 94.5 %          |       | 50-150   | 1450019 | 12/11/14 | 12/12/14 | EPA 8015D |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Sheena Leon

Reported:  
17-Dec-14 07:17

J

P412036-04 (Solid)

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.20            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID    |        | 104 %           |       | 50-150   | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 9.98            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 25.0            | mg/kg | 1        | 1450022 | 12/12/14 | 12/12/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 92.3 %          |       | 50-200   | 1450022 | 12/12/14 | 12/12/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID    |        | 94.6 %          |       | 50-150   | 1450019 | 12/12/14 | 12/12/14 | EPA 8015D |       |

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laboratory@envirotech-inc.com



CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Sheena Leon

Reported:  
17-Dec-14 07:17

L  
P412036-05 (Solid)

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.20            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID    |        | 100 %           |       | 50-150   | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 9.98            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 25.0            | mg/kg | 1        | 1450022 | 12/12/14 | 12/12/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 87.7 %          |       | 50-200   | 1450022 | 12/12/14 | 12/12/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID    |        | 90.5 %          |       | 50-150   | 1450019 | 12/12/14 | 12/12/14 | EPA 8015D |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Sheena Leon

Reported:  
17-Dec-14 07:17

**R**  
**P412036-06 (Solid)**

| Analyte                                | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>Volatile Organics by EPA 8021</b>   |        |                 |       |          |         |          |          |           |       |
| Benzene                                | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| Toluene                                | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| Ethylbenzene                           | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| p,m-Xylene                             | ND     | 0.20            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| o-Xylene                               | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| Total Xylenes                          | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| Total BTEX                             | ND     | 0.10            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| Surrogate: 4-Bromochlorobenzene-PID    |        | 100 %           |       | 50-150   | 1450019 | 12/12/14 | 12/12/14 | EPA 8021B |       |
| <b>Nonhalogenated Organics by 8015</b> |        |                 |       |          |         |          |          |           |       |
| Gasoline Range Organics (C6-C10)       | ND     | 9.99            | mg/kg | 1        | 1450019 | 12/12/14 | 12/12/14 | EPA 8015D |       |
| Diesel Range Organics (C10-C28)        | ND     | 24.9            | mg/kg | 1        | 1450022 | 12/12/14 | 12/12/14 | EPA 8015D |       |
| Surrogate: o-Terphenyl                 |        | 95.1 %          |       | 50-200   | 1450022 | 12/12/14 | 12/12/14 | EPA 8015D |       |
| Surrogate: 4-Bromochlorobenzene-FID    |        | 90.0 %          |       | 50-150   | 1450019 | 12/12/14 | 12/12/14 | EPA 8015D |       |

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data for vme

|                    |                  |                                |                 |
|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 17-Dec-14 07:17 |
| Kirtland NM, 87417 | Project Manager: | Sheena Leon                    |                 |

### Volatile Organics by EPA 8021 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

#### Batch 1450019 - Purge and Trap EPA 5030A

##### Blank (1450019-BLK1)

Prepared & Analyzed: 11-Dec-14

|               |    |      |       |  |  |  |  |  |  |  |
|---------------|----|------|-------|--|--|--|--|--|--|--|
| Benzene       | ND | 0.10 | mg/kg |  |  |  |  |  |  |  |
| Toluene       | ND | 0.10 | "     |  |  |  |  |  |  |  |
| Ethylbenzene  | ND | 0.10 | "     |  |  |  |  |  |  |  |
| p,m-Xylene    | ND | 0.20 | "     |  |  |  |  |  |  |  |
| o-Xylene      | ND | 0.10 | "     |  |  |  |  |  |  |  |
| Total Xylenes | ND | 0.10 | "     |  |  |  |  |  |  |  |
| Total BTEX    | ND | 0.10 | "     |  |  |  |  |  |  |  |

Surrogate: 4-Bromochlorobenzene-PID 0.392 " 0.400 98.0 50-150

##### LCS (1450019-BS1)

Prepared & Analyzed: 11-Dec-14

|              |      |      |       |      |  |     |        |  |  |  |
|--------------|------|------|-------|------|--|-----|--------|--|--|--|
| Benzene      | 21.7 | 0.10 | mg/kg | 20.0 |  | 109 | 75-125 |  |  |  |
| Toluene      | 20.4 | 0.10 | "     | 20.0 |  | 102 | 70-125 |  |  |  |
| Ethylbenzene | 21.0 | 0.10 | "     | 20.0 |  | 105 | 75-125 |  |  |  |
| p,m-Xylene   | 42.8 | 0.20 | "     | 39.9 |  | 107 | 80-125 |  |  |  |
| o-Xylene     | 21.6 | 0.10 | "     | 20.0 |  | 108 | 75-125 |  |  |  |

Surrogate: 4-Bromochlorobenzene-PID 0.546 " 0.399 137 50-150

##### Matrix Spike (1450019-MS1)

Source: P412028-01

Prepared & Analyzed: 11-Dec-14

|              |      |      |       |      |      |      |        |  |  |  |
|--------------|------|------|-------|------|------|------|--------|--|--|--|
| Benzene      | 18.6 | 0.10 | mg/kg | 19.9 | ND   | 93.4 | 75-125 |  |  |  |
| Toluene      | 25.9 | 0.10 | "     | 19.9 | 1.28 | 123  | 70-125 |  |  |  |
| Ethylbenzene | 28.2 | 0.10 | "     | 19.9 | 6.99 | 106  | 75-125 |  |  |  |
| p,m-Xylene   | 119  | 0.20 | "     | 39.9 | 73.1 | 115  | 80-125 |  |  |  |
| o-Xylene     | 31.5 | 0.10 | "     | 19.9 | 13.3 | 91.2 | 75-125 |  |  |  |

Surrogate: 4-Bromochlorobenzene-PID 0.418 " 0.399 105 50-150

##### Matrix Spike Dup (1450019-MSD1)

Source: P412028-01

Prepared & Analyzed: 11-Dec-14

|              |      |      |       |      |      |     |        |      |    |      |
|--------------|------|------|-------|------|------|-----|--------|------|----|------|
| Benzene      | 20.1 | 0.10 | mg/kg | 20.0 | ND   | 101 | 75-125 | 7.58 | 15 |      |
| Toluene      | 28.2 | 0.10 | "     | 20.0 | 1.28 | 135 | 70-125 | 8.61 | 15 | SPK1 |
| Ethylbenzene | 32.0 | 0.10 | "     | 20.0 | 6.99 | 125 | 75-125 | 12.6 | 15 |      |
| p,m-Xylene   | 145  | 0.20 | "     | 40.0 | 73.1 | 180 | 80-125 | 19.8 | 15 | SPK1 |
| o-Xylene     | 43.8 | 0.10 | "     | 20.0 | 13.3 | 153 | 75-125 | 32.8 | 15 | SPK1 |

Surrogate: 4-Bromochlorobenzene-PID 0.426 " 0.400 107 50-150

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CCI, LLC

PO Box 70

Kirtland NM, 87417

Project Name:

Horseshoe Gallup Pipeline Leak

Project Number:

14038-0004

Project Manager:

Sheena Leon

Reported:

17-Dec-14 07:17

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte                                         | Result | Reporting Limit | Units | Spike Level                    | Source Result | %REC                           | %REC Limits | RPD  | RPD Limit | Notes |
|-------------------------------------------------|--------|-----------------|-------|--------------------------------|---------------|--------------------------------|-------------|------|-----------|-------|
| <b>Batch 1450019 - Purge and Trap EPA 5030A</b> |        |                 |       |                                |               |                                |             |      |           |       |
| <b>Blank (1450019-BLK1)</b>                     |        |                 |       | Prepared & Analyzed: 11-Dec-14 |               |                                |             |      |           |       |
| Gasoline Range Organics (C6-C10)                | ND     | 9.99            | mg/kg |                                |               |                                |             |      |           |       |
| Surrogate: 4-Bromochlorobenzene-FID             | 0.355  |                 | "     | 0.400                          |               | 88.9                           | 50-150      |      |           |       |
| <b>LCS (1450019-BS1)</b>                        |        |                 |       | Prepared & Analyzed: 11-Dec-14 |               |                                |             |      |           |       |
| Gasoline Range Organics (C6-C10)                | 315    | 9.98            | mg/kg | 292                            |               | 108                            | 80-120      |      |           |       |
| Surrogate: 4-Bromochlorobenzene-FID             | 0.508  |                 | "     | 0.399                          |               | 127                            | 50-150      |      |           |       |
| <b>Matrix Spike (1450019-MS1)</b>               |        |                 |       | Source: P412028-01             |               | Prepared & Analyzed: 11-Dec-14 |             |      |           |       |
| Gasoline Range Organics (C6-C10)                | 1160   | 9.96            | mg/kg | 291                            | 795           | 124                            | 75-125      |      |           |       |
| Surrogate: 4-Bromochlorobenzene-FID             | 0.387  |                 | "     | 0.399                          |               | 97.1                           | 50-150      |      |           |       |
| <b>Matrix Spike Dup (1450019-MSD1)</b>          |        |                 |       | Source: P412028-01             |               | Prepared & Analyzed: 11-Dec-14 |             |      |           |       |
| Gasoline Range Organics (C6-C10)                | 1220   | 9.99            | mg/kg | 292                            | 795           | 145                            | 75-125      | 5.18 | 15        | SPK1  |
| Surrogate: 4-Bromochlorobenzene-FID             | 0.373  |                 | "     | 0.400                          |               | 93.4                           | 50-150      |      |           |       |

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|                    |                  |                                |                 |
|--------------------|------------------|--------------------------------|-----------------|
| CCI, LLC           | Project Name:    | Horseshoe Gallup Pipeline Leak | Reported:       |
| PO Box 70          | Project Number:  | 14038-0004                     | 17-Dec-14 07:17 |
| Kirtland NM, 87417 | Project Manager: | Sheena Leon                    |                 |

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

| Analyte                                         | Result | Reporting Limit | Units | Spike Level                    | Source Result | %REC                           | %REC Limits | RPD  | RPD Limit | Notes |
|-------------------------------------------------|--------|-----------------|-------|--------------------------------|---------------|--------------------------------|-------------|------|-----------|-------|
| <b>Batch 1450022 - DRO Extraction EPA 3550M</b> |        |                 |       |                                |               |                                |             |      |           |       |
| <b>Blank (1450022-BLK1)</b>                     |        |                 |       | Prepared & Analyzed: 11-Dec-14 |               |                                |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | ND     | 25.0            | mg/kg |                                |               |                                |             |      |           |       |
| Surrogate: o-Terphenyl                          | 41.1   |                 | "     | 40.0                           |               | 103                            | 50-200      |      |           |       |
| <b>LCS (1450022-BS1)</b>                        |        |                 |       | Prepared & Analyzed: 11-Dec-14 |               |                                |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 627    | 25.0            | mg/kg | 499                            |               | 126                            | 38-132      |      |           |       |
| Surrogate: o-Terphenyl                          | 50.2   |                 | "     | 39.9                           |               | 126                            | 50-200      |      |           |       |
| <b>Matrix Spike (1450022-MS1)</b>               |        |                 |       | Source: P412028-01             |               | Prepared & Analyzed: 11-Dec-14 |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 937    | 35.0            | mg/kg | 499                            | 577           | 72.0                           | 38-132      |      |           |       |
| Surrogate: o-Terphenyl                          | 28.9   |                 | "     | 40.0                           |               | 72.4                           | 50-200      |      |           |       |
| <b>Matrix Spike Dup (1450022-MSD1)</b>          |        |                 |       | Source: P412028-01             |               | Prepared & Analyzed: 11-Dec-14 |             |      |           |       |
| Diesel Range Organics (C10-C28)                 | 1200   | 35.0            | mg/kg | 500                            | 577           | 124                            | 38-132      | 24.4 | 20        | D1    |
| Surrogate: o-Terphenyl                          | 71.5   |                 | "     | 40.0                           |               | 179                            | 50-200      |      |           |       |

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CCI, LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup Pipeline Leak  
Project Number: 14038-0004  
Project Manager: Sheena Leon

Reported:  
17-Dec-14 07:17

#### Notes and Definitions

SPK1 The spike recovery for this QC sample is outside of control limits.  
DI Duplicates or Matrix Spike Duplicates Relative Percent Difference exceeds control limits.  
DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

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# CHAIN OF CUSTODY RECORD

17588

| Client: <b>CCI</b>                                                                                                                                                      |                 | Project Name / Location: <b>Horseshoe Gallup Pipeline Leak</b> |                   | ANALYSIS / PARAMETERS    |                   |                                             |          |                   |                    |                      |                   |                |     |               |                |             |          |             |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------|-------------------|--------------------------|-------------------|---------------------------------------------|----------|-------------------|--------------------|----------------------|-------------------|----------------|-----|---------------|----------------|-------------|----------|-------------|---------------|
| Email results to: <b>S. Leon</b>                                                                                                                                        |                 | Sampler Name: <b>S. Leon</b>                                   |                   |                          |                   |                                             |          |                   |                    |                      |                   |                |     |               |                |             |          |             |               |
| Client Phone No.:                                                                                                                                                       |                 | Client No.: <b>14038-0004</b>                                  |                   |                          |                   |                                             |          |                   |                    |                      |                   |                |     |               |                |             |          |             |               |
| Sample No./ Identification                                                                                                                                              | Sample Date     | Sample Time                                                    | Lab No.           | No./Volume of Containers | Preservative      |                                             |          | TPH (Method 8015) | BTEX (Method 8021) | VOC (Method 8260)    | RCRA 8 Metals     | Cation / Anion | RCI | TCLP with H/P | CO Table 910-1 | TPH (418.1) | CHLORIDE | Sample Cool | Sample Intact |
|                                                                                                                                                                         |                 |                                                                |                   |                          | HNO <sub>3</sub>  | HCl                                         | CCl      |                   |                    |                      |                   |                |     |               |                |             |          |             |               |
| <b>Q</b>                                                                                                                                                                | <b>12/11/14</b> | <b>10:05</b>                                                   | <b>P412036-01</b> | <b>1-4oz glass jar</b>   |                   |                                             | <b>X</b> |                   |                    |                      |                   |                |     |               |                |             |          | <b>X</b>    | <b>X</b>      |
| <b>K</b>                                                                                                                                                                |                 | <b>10:15</b>                                                   | <b>P412036-02</b> | <b>4oz glass jar</b>     |                   |                                             | <b>X</b> | <b>+</b>          | <b>+</b>           |                      |                   |                |     |               |                |             | <b>+</b> |             |               |
| <b>A</b>                                                                                                                                                                |                 | <b>10:20</b>                                                   | <b>P412036-03</b> |                          |                   |                                             | <b>X</b> | <b>+</b>          | <b>+</b>           |                      |                   |                |     |               |                |             | <b>+</b> |             |               |
| <b>J</b>                                                                                                                                                                |                 | <b>10:35</b>                                                   | <b>P412036-04</b> |                          |                   |                                             | <b>X</b> | <b>+</b>          | <b>+</b>           |                      |                   |                |     |               |                |             | <b>+</b> |             |               |
| <b>L</b>                                                                                                                                                                |                 | <b>10:48</b>                                                   | <b>P412036-05</b> |                          |                   |                                             | <b>X</b> | <b>+</b>          | <b>+</b>           |                      |                   |                |     |               |                |             | <b>+</b> |             |               |
| <b>R</b>                                                                                                                                                                |                 | <b>10:50</b>                                                   | <b>P412036-06</b> |                          |                   |                                             | <b>X</b> | <b>+</b>          | <b>+</b>           |                      |                   |                |     |               |                |             | <b>+</b> |             |               |
|                                                                                                                                                                         |                 |                                                                |                   |                          |                   |                                             |          |                   |                    |                      |                   |                |     |               |                |             |          |             |               |
|                                                                                                                                                                         |                 |                                                                |                   |                          |                   |                                             |          |                   |                    |                      |                   |                |     |               |                |             |          |             |               |
|                                                                                                                                                                         |                 |                                                                |                   |                          |                   |                                             |          |                   |                    |                      |                   |                |     |               |                |             |          |             |               |
|                                                                                                                                                                         |                 |                                                                |                   |                          |                   |                                             |          |                   |                    |                      |                   |                |     |               |                |             |          |             |               |
|                                                                                                                                                                         |                 |                                                                |                   |                          |                   |                                             |          |                   |                    |                      |                   |                |     |               |                |             |          |             |               |
| Relinquished by: (Signature) <b>[Signature]</b>                                                                                                                         |                 |                                                                |                   | Date <b>12/11/14</b>     | Time <b>15:55</b> | Received by: (Signature) <b>[Signature]</b> |          |                   |                    | Date <b>12/11/14</b> | Time <b>15:55</b> |                |     |               |                |             |          |             |               |
| Relinquished by: (Signature)                                                                                                                                            |                 |                                                                |                   |                          |                   | Received by: (Signature)                    |          |                   |                    |                      |                   |                |     |               |                |             |          |             |               |
| Sample Matrix                                                                                                                                                           |                 |                                                                |                   |                          |                   |                                             |          |                   |                    |                      |                   |                |     |               |                |             |          |             |               |
| Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/> |                 |                                                                |                   |                          |                   |                                             |          |                   |                    |                      |                   |                |     |               |                |             |          |             |               |
| <input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.                                                                                     |                 |                                                                |                   |                          |                   |                                             |          |                   |                    |                      |                   |                |     |               |                |             |          |             |               |

**\* RUSH \***



11.8  
11.1  
12.1

11.7



Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

## Report Summary

Tuesday December 16, 2014

Report Number: L738777

Samples Received: 12/13/14

Client Project: 14038-0004

Description: Horseshoe Gallup Pipeline Leak

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Entire Report Reviewed By:

*Daphne R Richards*

Daphne Richards , ESC Representative

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# REPORT OF ANALYSIS

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

December 16, 2014

Date Received : December 13, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : Q  
Collected By : S. Leon  
Collection Date : 12/11/14 10:05

ESC Sample # : L738777-01

Site ID : F412036

Project # : 14038-0004

| Parameter                   | Dry Result | Det. Limit | Units | Method      | Date     | Dil. |
|-----------------------------|------------|------------|-------|-------------|----------|------|
| Total Solids                | 82.1       |            | %     | 2540 G-2011 | 12/15/14 | 1    |
| Base/Neutral Extractables   |            |            |       |             |          |      |
| Acenaphthene                | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Acenaphthylene              | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Anthracene                  | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzidine                   | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(a)anthracene          | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(b)fluoranthene        | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(k)fluoranthene        | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(g,h,i)perylene        | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(a)pyrene              | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroethoxy)methane  | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroethyl)ether     | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroisopropyl)ether | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| 4-Bromophenyl-phenylether   | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2-Chloronaphthalene         | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| 4-Chlorophenyl-phenylether  | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Chrysene                    | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Dibenz(a,h)anthracene       | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| 3,3-Dichlorobenzidine       | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2,4-Dinitrotoluene          | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2,6-Dinitrotoluene          | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Fluoranthene                | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Fluorene                    | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachlorobenzene           | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachloro-1,3-butadiene    | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachlorocyclopentadiene   | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachloroethane            | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Indeno(1,2,3-cd)pyrene      | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Isophorone                  | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Naphthalene                 | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Nitrobenzene                | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodimethylamine      | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodiphenylamine      | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodi-n-propylamine   | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Phenanthrene                | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzylbutyl phthalate       | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-ethylhexyl)phthalate  | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Di-n-butyl phthalate        | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Diethyl phthalate           | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Dimethyl phthalate          | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Di-n-octyl phthalate        | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Pyrene                      | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

December 16, 2014

Date Received : December 13, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : Q  
Collected By : S. Leon  
Collection Date : 12/11/14 10:05

ESC Sample # : L738777-01

Site ID : P412036

Project # : 14038-0004

| Parameter                  | Dry Result | Det. Limit | Units  | Method | Date     | Dil. |
|----------------------------|------------|------------|--------|--------|----------|------|
| 1,2,4-Trichlorobenzene     | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Acid Extractables          |            |            |        |        |          |      |
| 4-Chloro-3-methylphenol    | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2-Chlorophenol             | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dichlorophenol         | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dimethylphenol         | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 4,6-Dinitro-2-methylphenol | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dinitrophenol          | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2-Nitrophenol              | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 4-Nitrophenol              | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Pentachlorophenol          | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Phenol                     | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4,6-Trichlorophenol      | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Surrogate Recovery         |            |            |        |        |          |      |
| 2-Fluorophenol             | 56.7       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| Phenol-d5                  | 48.4       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| Nitrobenzene-d5            | 57.9       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| 2-Fluorobiphenyl           | 55.3       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| 2,4,6-Tribromophenol       | 44.3       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| p-Terphenyl-d14            | 31.1       |            | % Rec. | 8270C  | 12/15/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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# REPORT OF ANALYSIS

December 16, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

Date Received : December 13, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : K  
Collected By : S. Leon  
Collection Date : 12/11/14 10:15

ESC Sample # : L738777-02

Site ID : P412036

Project # : 14038-0004

| Parameter                   | Dry Result | Det. Limit | Units | Method      | Date     | Dil. |
|-----------------------------|------------|------------|-------|-------------|----------|------|
| Total Solids                | 87.0       |            | %     | 2540 G-2011 | 12/15/14 | 1    |
| Base/Neutral Extractables   |            |            |       |             |          |      |
| Acenaphthene                | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Acenaphthylene              | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Anthracene                  | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzidine                   | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(a)anthracene          | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(b)fluoranthene        | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(k)fluoranthene        | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(g,h,i)perylene        | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(a)pyrene              | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroethoxy)methane  | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroethyl)ether     | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroisopropyl)ether | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| 4-Bromophenyl-phenylether   | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2-Chloronaphthalene         | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| 4-Chlorophenyl-phenylether  | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Chrysene                    | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Dibenz(a,h)anthracene       | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| 3,3-Dichlorobenzidine       | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2,4-Dinitrotoluene          | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2,6-Dinitrotoluene          | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Fluoranthene                | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Fluorene                    | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachlorobenzene           | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachloro-1,3-butadiene    | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachlorocyclopentadiene   | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachloroethane            | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Indeno(1,2,3-cd)pyrene      | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Isophorone                  | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Naphthalene                 | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Nitrobenzene                | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodimethylamine      | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodiphenylamine      | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodi-n-propylamine   | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Phenanthrene                | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzylbutyl phthalate       | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-ethylhexyl)phthalate  | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Di-n-butyl phthalate        | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Diethyl phthalate           | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Dimethyl phthalate          | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Di-n-octyl phthalate        | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Pyrene                      | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

December 16, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

Date Received : December 13, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : K  
Collected By : S. Leon  
Collection Date : 12/11/14 10:15

ESC Sample # : L738777-02

Site ID : P412036

Project # : 14038-0004

| Parameter                  | Dry Result | Det. Limit | Units  | Method | Date     | Dil. |
|----------------------------|------------|------------|--------|--------|----------|------|
| 1,2,4-Trichlorobenzene     | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Acid Extractables          |            |            |        |        |          |      |
| 4-Chloro-3-methylphenol    | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2-Chlorophenol             | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dichlorophenol         | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dimethylphenol         | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 4,6-Dinitro-2-methylphenol | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dinitrophenol          | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2-Nitrophenol              | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 4-Nitrophenol              | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Pentachlorophenol          | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Phenol                     | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4,6-Trichlorophenol      | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Surrogate Recovery         |            |            |        |        |          |      |
| 2-Fluorophenol             | 69.6       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| Phenol-d5                  | 66.4       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| Nitrobenzene-d5            | 71.6       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| 2-Fluorobiphenyl           | 75.1       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| 2,4,6-Tribromophenol       | 72.3       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| p-Terphenyl-d14            | 53.2       |            | % Rec. | 8270C  | 12/15/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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# REPORT OF ANALYSIS

December 16, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

ESC Sample # : L738777-03

Date Received : December 13, 2014  
Description : Horseshoe Gallup Pipeline Leak

Site ID : P412036

Sample ID : A

Project # : 14038-0004

Collected By : S. Leon  
Collection Date : 12/11/14 10:26

| Parameter                   | Dry Result | Det. Limit | Units | Method      | Date     | Dil. |
|-----------------------------|------------|------------|-------|-------------|----------|------|
| Total Solids                | 85.7       |            | %     | 2540 G-2011 | 12/15/14 | 1    |
| Base/Neutral Extractables   |            |            |       |             |          |      |
| Acenaphthene                | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Acenaphthylene              | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Anthracene                  | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzidine                   | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(a)anthracene          | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(b)fluoranthene        | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(k)fluoranthene        | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(g,h,i)perylene        | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(a)pyrene              | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroethoxy)methane  | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroethyl)ether     | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroisopropyl)ether | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| 4-Bromophenyl-phenylether   | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2-Chloronaphthalene         | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| 4-Chlorophenyl-phenylether  | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Chrysene                    | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Dibenz(a,h)anthracene       | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| 3,3-Dichlorobenzidine       | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2,4-Dinitrotoluene          | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2,6-Dinitrotoluene          | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Fluoranthene                | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Fluorene                    | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachlorobenzene           | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachloro-1,3-butadiene    | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachlorocyclopentadiene   | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachloroethane            | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Indeno(1,2,3-cd)pyrene      | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Isophorone                  | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Naphthalene                 | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Nitrobenzene                | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodimethylamine      | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodiphenylamine      | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodi-n-propylamine   | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Phenanthrene                | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzylbutyl phthalate       | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-ethylhexyl)phthalate  | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Di-n-butyl phthalate        | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Diethyl phthalate           | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Dimethyl phthalate          | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Di-n-octyl phthalate        | BDL        | 0.39       | mg/kg | 8270C       | 12/15/14 | 1    |
| Pyrene                      | BDL        | 0.038      | mg/kg | 8270C       | 12/15/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

December 16, 2014

Date Received : December 13, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : A  
Collected By : S. Leon  
Collection Date : 12/11/14 10:26

ESC Sample # : L738777-03

Site ID : P412036

Project # : 14038-0004

| Parameter                  | Dry Result | Det. Limit | Units  | Method | Date     | Dil. |
|----------------------------|------------|------------|--------|--------|----------|------|
| 1,2,4-Trichlorobenzene     | BDL        | 0.39       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Acid Extractables          |            |            |        |        |          |      |
| 4-Chloro-3-methylphenol    | BDL        | 0.39       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2-Chlorophenol             | BDL        | 0.39       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dichlorophenol         | BDL        | 0.39       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dimethylphenol         | BDL        | 0.39       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 4,6-Dinitro-2-methylphenol | BDL        | 0.39       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dinitrophenol          | BDL        | 0.39       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2-Nitrophenol              | BDL        | 0.39       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 4-Nitrophenol              | BDL        | 0.39       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Pentachlorophenol          | BDL        | 0.39       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Phenol                     | BDL        | 0.39       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4,6-Trichlorophenol      | BDL        | 0.39       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Surrogate Recovery         |            |            |        |        |          |      |
| 2-Fluorophenol             | 75.7       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| Phenol-d5                  | 69.3       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| Nitrobenzene-d5            | 78.1       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| 2-Fluorobiphenyl           | 74.1       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| 2,4,6-Tribromophenol       | 77.5       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| p-Terphenyl-d14            | 46.5       |            | % Rec. | 8270C  | 12/15/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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# REPORT OF ANALYSIS

December 16, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

ESC Sample # : L738777-04

Date Received : December 13, 2014  
Description : Horseshoe Gallup Pipeline Leak

Site ID : P412036

Sample ID : J

Project # : 14038-0004

Collected By : S. Leon  
Collection Date : 12/11/14 10:35

| Parameter                    | Dry Result | Det. Limit | Units | Method      | Date     | Dil. |
|------------------------------|------------|------------|-------|-------------|----------|------|
| Total Solids                 | 80.9       |            | %     | 2540 G-2011 | 12/15/14 | 1    |
| Base/Neutral Extractables    |            |            |       |             |          |      |
| Acenaphthene                 | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| Acenaphthylene               | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| Anthracene                   | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzidine                    | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(a)anthracene           | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(b)fluoranthene         | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(k)fluoranthene         | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(g,h,i)perylene         | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(a)pyrene               | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroethoxy)methane   | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroethyl) ether     | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroisopropyl) ether | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| 4-Bromophenyl-phenylether    | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2-Chloronaphthalene          | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| 4-Chlorophenyl-phenylether   | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Chrysene                     | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| Dibenz(a,h)anthracene        | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| 3,3-Dichlorobenzidine        | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2,4-Dinitrotoluene           | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2,6-Dinitrotoluene           | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Fluoranthene                 | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| Fluorene                     | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachlorobenzene            | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachloro-1,3-butadiene     | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachlorocyclopentadiene    | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachloroethane             | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Indeno(1,2,3-cd)pyrene       | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| Isophorone                   | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Naphthalene                  | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| Nitrobenzene                 | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodimethylamine       | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodiphenylamine       | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodi-n-propylamine    | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Phenanthrene                 | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzylbutyl phthalate        | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-ethylhexyl)phthalate   | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Di-n-butyl phthalate         | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Diethyl phthalate            | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Dimethyl phthalate           | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Di-n-octyl phthalate         | BDL        | 0.41       | mg/kg | 8270C       | 12/15/14 | 1    |
| Pyrene                       | BDL        | 0.041      | mg/kg | 8270C       | 12/15/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

December 16, 2014

Date Received : December 13, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : J  
Collected By : S. Leon  
Collection Date : 12/11/14 10:35

ESC Sample # : L738777-04

Site ID : P412036

Project # : 14038-0004

| Parameter                  | Dry Result | Det. Limit | Units  | Method | Date     | Dil. |
|----------------------------|------------|------------|--------|--------|----------|------|
| 1,2,4-Trichlorobenzene     | BDL        | 0.41       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Acid Extractables          |            |            |        |        |          |      |
| 4-Chloro-3-methylphenol    | BDL        | 0.41       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2-Chlorophenol             | BDL        | 0.41       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dichlorophenol         | BDL        | 0.41       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dimethylphenol         | BDL        | 0.41       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 4,6-Dinitro-2-methylphenol | BDL        | 0.41       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dinitrophenol          | BDL        | 0.41       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2-Nitrophenol              | BDL        | 0.41       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 4-Nitrophenol              | BDL        | 0.41       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Pentachlorophenol          | BDL        | 0.41       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Phenol                     | BDL        | 0.41       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4,6-Trichlorophenol      | BDL        | 0.41       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Surrogate Recovery         |            |            |        |        |          |      |
| 2-Fluorophenol             | 70.2       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| Phenol-d5                  | 61.8       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| Nitrobenzene-d5            | 77.0       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| 2-Fluorobiphenyl           | 71.9       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| 2,4,6-Tribromophenol       | 59.5       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| p-Terphenyl-d14            | 39.7       |            | % Rec. | 8270C  | 12/15/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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# REPORT OF ANALYSIS

December 16, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

Date Received : December 13, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : L  
Collected By : S. Leon  
Collection Date : 12/11/14 10:48

ESC Sample # : L738777-05

Site ID : P412036

Project # : 14038-0004

| Parameter                   | Dry Result | Det. Limit | Units | Method      | Date     | Dil. |
|-----------------------------|------------|------------|-------|-------------|----------|------|
| Total Solids                | 88.5       |            | %     | 2540 G-2011 | 12/15/14 | 1    |
| Base/Neutral Extractables   |            |            |       |             |          |      |
| Acenaphthene                | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| Acenaphthylene              | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| Anthracene                  | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzidine                   | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(a)anthracene          | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(b)fluoranthene        | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(k)fluoranthene        | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(g,h,i)perylene        | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(a)pyrene              | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chlorethoxy)methane   | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroethyl)ether     | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroisopropyl)ether | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| 4-Bromophenyl-phenylether   | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2-Chloronaphthalene         | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| 4-Chlorophenyl-phenylether  | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Chrysene                    | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| Dibenz(a,h)anthracene       | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| 3,3-Dichlorobenzidine       | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2,4-Dinitrotoluene          | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2,6-Dinitrotoluene          | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Fluoranthene                | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| Fluorene                    | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachlorobenzene           | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachloro-1,3-butadiene    | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachlorocyclopentadiene   | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachloroethane            | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Indeno(1,2,3-cd)pyrene      | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| Isophorone                  | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Naphthalene                 | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| Nitrobenzene                | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodimethylamine      | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodiphenylamine      | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodi-n-propylamine   | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Phenanthrene                | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzylbutyl phthalate       | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-ethylhexyl)phthalate  | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Di-n-butyl phthalate        | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Diethyl phthalate           | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Dimethyl phthalate          | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Di-n-octyl phthalate        | BDL        | 0.38       | mg/kg | 8270C       | 12/15/14 | 1    |
| Pyrene                      | BDL        | 0.037      | mg/kg | 8270C       | 12/15/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

December 16, 2014

Date Received : December 13, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : L  
Collected By : S. Leon  
Collection Date : 12/11/14 10:48

ESC Sample # : L738777-05

Site ID : P412036

Project # : 14038-0004

| Parameter                  | Dry Result | Det. Limit | Units  | Method | Date     | Dil. |
|----------------------------|------------|------------|--------|--------|----------|------|
| 1,2,4-Trichlorobenzene     | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Acid Extractables          |            |            |        |        |          |      |
| 4-Chloro-3-methylphenol    | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2-Chlorophenol             | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dichlorophenol         | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dimethylphenol         | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 4,6-Dinitro-2-methylphenol | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dinitrophenol          | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2-Nitrophenol              | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 4-Nitrophenol              | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Pentachlorophenol          | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Phenol                     | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4,6-Trichlorophenol      | BDL        | 0.38       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Surrogate Recovery         |            |            |        |        |          |      |
| 2-Fluorophenol             | 70.7       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| Phenol-d5                  | 64.7       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| Nitrobenzene-d5            | 73.0       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| 2-Fluorobiphenyl           | 73.1       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| 2,4,6-Tribromophenol       | 73.8       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| p-Terphenyl-d14            | 54.1       |            | % Rec. | 8270C  | 12/15/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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# REPORT OF ANALYSIS

December 16, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

ESC Sample # : L738777-06

Date Received : December 13, 2014  
Description : Horseshoe Gallup Pipeline Leak

Site ID : P412036

Sample ID : R

Project # : 14038-0004

Collected By : S. Leon  
Collection Date : 12/11/14 10:58

| Parameter                   | Dry Result | Det. Limit | Units | Method      | Date     | Dil. |
|-----------------------------|------------|------------|-------|-------------|----------|------|
| Total Solids                | 83.1       |            | %     | 2540 G-2011 | 12/15/14 | 1    |
| Base/Neutral Extractables   |            |            |       |             |          |      |
| Acenaphthene                | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Acenaphthylene              | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Anthracene                  | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzidine                   | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(a)anthracene          | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(b)fluoranthene        | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(k)fluoranthene        | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(g,h,i)perylene        | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzo(a)pyrene              | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroethoxy)methane  | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroethyl)ether     | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-chloroisopropyl)ether | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| 4-Bromophenyl-phenylether   | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2-Chloronaphthalene         | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| 4-Chlorophenyl-phenylether  | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Chrysene                    | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Dibenz(a,h)anthracene       | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| 3,3-Dichlorobenzidine       | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2,4-Dinitrotoluene          | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| 2,6-Dinitrotoluene          | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Fluoranthene                | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Fluorene                    | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachlorobenzene           | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachloro-1,3-butadiene    | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachlorocyclopentadiene   | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Hexachloroethane            | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Indeno(1,2,3-cd)pyrene      | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Isophorone                  | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Naphthalene                 | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Nitrobenzene                | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodimethylamine      | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodiphenylamine      | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| n-Nitrosodi-n-propylamine   | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Phenanthrene                | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |
| Benzylbutyl phthalate       | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Bis(2-ethylhexyl)phthalate  | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Di-n-butyl phthalate        | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Diethyl phthalate           | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Dimethyl phthalate          | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Di-n-octyl phthalate        | BDL        | 0.40       | mg/kg | 8270C       | 12/15/14 | 1    |
| Pyrene                      | BDL        | 0.040      | mg/kg | 8270C       | 12/15/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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The reported analytical results relate only to the sample submitted





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Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

December 16, 2014

Lynn Cook  
EnviroTech- NM  
5796 US. Highway 64  
Farmington, NM 87401

Date Received : December 13, 2014  
Description : Horseshoe Gallup Pipeline Leak  
Sample ID : R  
Collected By : S. Leon  
Collection Date : 12/11/14 10:58

ESC Sample # : L738777-06

Site ID : P412036

Project # : 14038-0004

| Parameter                  | Dry Result | Det. Limit | Units  | Method | Date     | Dil. |
|----------------------------|------------|------------|--------|--------|----------|------|
| 1,2,4-Trichlorobenzene     | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Acid Extractables          |            |            |        |        |          |      |
| 4-Chloro-3-methylphenol    | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2-Chlorophenol             | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dichlorophenol         | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dimethylphenol         | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 4,6-Dinitro-2-methylphenol | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4-Dinitrophenol          | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2-Nitrophenol              | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 4-Nitrophenol              | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Pentachlorophenol          | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Phenol                     | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| 2,4,6-Trichlorophenol      | BDL        | 0.40       | mg/kg  | 8270C  | 12/15/14 | 1    |
| Surrogate Recovery         |            |            |        |        |          |      |
| 2-Fluorophenol             | 70.9       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| Phenol-d5                  | 65.6       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| Nitrobenzene-d5            | 75.0       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| 2-Fluorobiphenyl           | 74.2       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| 2,4,6-Tribromophenol       | 73.8       |            | % Rec. | 8270C  | 12/15/14 | 1    |
| p-Terphenyl-d14            | 49.4       |            | % Rec. | 8270C  | 12/15/14 | 1    |

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

## Note:

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The reported analytical results relate only to the sample submitted

Reported: 12/16/14 10:47 Printed: 12/16/14 10:47

Summary of Remarks For Samples Printed  
12/16/14 at 10:47:38

TSR Signing Reports: 288  
R2 - Rush: Next Day

Dry wt PO # 000141276 through Dec 31, 2014 Full TCLP also requires RCI PO NUMBERS ON ALL  
PROJECTS Glycols-sub outs \$225

Sample: L738777-01 Account: ENVIROFNM Received: 12/13/14 09:00 Due Date: 12/16/14 00:00 RPT Date: 12/16/14 10:47  
Sample: L738777-02 Account: ENVIROFNM Received: 12/13/14 09:00 Due Date: 12/16/14 00:00 RPT Date: 12/16/14 10:47  
Sample: L738777-03 Account: ENVIROFNM Received: 12/13/14 09:00 Due Date: 12/16/14 00:00 RPT Date: 12/16/14 10:47  
Sample: L738777-04 Account: ENVIROFNM Received: 12/13/14 09:00 Due Date: 12/16/14 00:00 RPT Date: 12/16/14 10:47  
Sample: L738777-05 Account: ENVIROFNM Received: 12/13/14 09:00 Due Date: 12/16/14 00:00 RPT Date: 12/16/14 10:47  
Sample: L738777-06 Account: ENVIROFNM Received: 12/13/14 09:00 Due Date: 12/16/14 00:00 RPT Date: 12/16/14 10:47





L.A.B S.C.I.E.N.C.E.S

YOUR LAB OF CHOICE

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Farmington, NM 87401

Quality Assurance Report  
Level II

L738777

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Tax I.D. 62-0814289

Est. 1970

December 16, 2014

| Analyte                     | Result | Laboratory Blank |       | Limit    | Batch    | Date Analyzed  |
|-----------------------------|--------|------------------|-------|----------|----------|----------------|
|                             |        | Units            | % Rec |          |          |                |
| Total Solids                | < .1   | %                |       |          | WG759756 | 12/15/14 11:50 |
| 1,2,4-Trichlorobenzene      | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 2,4,6-Trichlorophenol       | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 2,4-Dichlorophenol          | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 2,4-Dimethylphenol          | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 2,4-Dinitrophenol           | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 2,4-Dinitrotoluene          | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 2,6-Dinitrotoluene          | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 2-Chloronaphthalene         | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 2-Chlorophenol              | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 2-Nitrophenol               | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 3,3-Dichlorobenzidine       | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 4,6-Dinitro-2-methylphenol  | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 4-Bromophenyl-phenylether   | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 4-Chloro-3-methylphenol     | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 4-Chlorophenyl-phenylether  | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 4-Nitrophenol               | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Acenaphthene                | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Acenaphthylene              | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Anthracene                  | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Benzidine                   | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Benzo(a)anthracene          | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Benzo(a)pyrene              | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Benzo(b)fluoranthene        | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Benzo(g,h,i)perylene        | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Benzo(k)fluoranthene        | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Benzylbutyl phthalate       | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Bis(2-chloroethoxy)methane  | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Bis(2-chloroethyl)ether     | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Bis(2-chloroisopropyl)ether | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Bis(2-ethylhexyl)phthalate  | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Chrysene                    | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Di-n-butyl phthalate        | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Di-n-octyl phthalate        | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Dibenz(a,h)anthracene       | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Diethyl phthalate           | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Dimethyl phthalate          | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Fluoranthene                | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Fluorene                    | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Hexachloro-1,3-butadiene    | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Hexachlorobenzene           | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Hexachlorocyclopentadiene   | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Hexachloroethane            | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Indeno(1,2,3-cd)pyrene      | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Isophorone                  | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| n-Nitrosodi-n-propylamine   | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| n-Nitrosodimethylamine      | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| n-Nitrosodiphenylamine      | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Naphthalene                 | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Nitrobenzene                | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Pentachlorophenol           | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Phenanthrene                | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Phenol                      | < .333 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| Pyrene                      | < .033 | mg/kg            |       |          | WG759809 | 12/15/14 04:27 |
| 2,4,6-Tribromophenol        |        | % Rec.           | 66.20 | 21.6-142 | WG759809 | 12/15/14 04:27 |
| 2-Fluorobiphenyl            |        | % Rec.           | 76.20 | 34.9-129 | WG759809 | 12/15/14 04:27 |
| 2-Fluorophenol              |        | % Rec.           | 71.60 | 21.1-116 | WG759809 | 12/15/14 04:27 |

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





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Lynn Cook  
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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

December 16, 2014

| Analyte         | Units | Result | Duplicate |  | RPD | Limit    | Ref Samp | Batch          |
|-----------------|-------|--------|-----------|--|-----|----------|----------|----------------|
|                 |       |        | Duplicate |  |     |          |          |                |
| Nitrobenzene-d5 |       | % Rec. | 73.20     |  |     | 21.9-129 |          | 12/15/14 04:27 |
| Phenol-d5       |       | % Rec. | 68.90     |  |     | 26.3-121 |          | 12/15/14 04:27 |
| p-Terphenyl-d14 |       | % Rec. | 59.90     |  |     | 21.5-128 |          | 12/15/14 04:27 |

| Analyte      | Units | Result | Duplicate |  | RPD    | Limit | Ref Samp   | Batch    |
|--------------|-------|--------|-----------|--|--------|-------|------------|----------|
|              |       |        | Duplicate |  |        |       |            |          |
| Total Solids | %     | 81.1   | 81.2      |  | 0.0832 | 5     | L738789-02 | WG759756 |

| Analyte                     | Units | Laboratory Control Sample |        | % Rec | Limit    | Batch    |
|-----------------------------|-------|---------------------------|--------|-------|----------|----------|
|                             |       | Known Val                 | Result |       |          |          |
| Total Solids                | %     | 50                        | 50.0   | 100.  | 85-115   | WG759756 |
| 1,2,4-Trichlorobenzene      | mg/kg | .333                      | 0.262  | 78.6  | 39.8-100 | WG759809 |
| 2,4,6-Trichlorophenol       | mg/kg | .333                      | 0.299  | 89.7  | 44.4-108 | WG759809 |
| 2,4-Dichlorophenol          | mg/kg | .333                      | 0.287  | 86.1  | 46.2-109 | WG759809 |
| 2,4-Dimethylphenol          | mg/kg | .333                      | 0.286  | 85.8  | 42.2-110 | WG759809 |
| 2,4-Dinitrophenol           | mg/kg | .333                      | 0.118  | 35.5  | 10-105   | WG759809 |
| 2,4-Dinitrotoluene          | mg/kg | .333                      | 0.300  | 90.1  | 53-112   | WG759809 |
| 2,6-Dinitrotoluene          | mg/kg | .333                      | 0.290  | 87.0  | 51.6-110 | WG759809 |
| 2-Chloronaphthalene         | mg/kg | .333                      | 0.278  | 83.5  | 47.1-105 | WG759809 |
| 2-Chlorophenol              | mg/kg | .333                      | 0.261  | 78.2  | 40.8-103 | WG759809 |
| 2-Nitrophenol               | mg/kg | .333                      | 0.291  | 87.4  | 44.2-113 | WG759809 |
| 3,3-Dichlorobenzidine       | mg/kg | .333                      | 0.223  | 66.8  | 21-101   | WG759809 |
| 4,6-Dinitro-2-methylphenol  | mg/kg | .333                      | 0.251  | 75.3  | 23.1-119 | WG759809 |
| 4-Bromophenyl-phenylether   | mg/kg | .333                      | 0.260  | 78.1  | 51.4-110 | WG759809 |
| 4-Chloro-3-methylphenol     | mg/kg | .333                      | 0.296  | 88.8  | 51.1-113 | WG759809 |
| 4-Chlorophenyl-phenylether  | mg/kg | .333                      | 0.275  | 82.5  | 48.1-108 | WG759809 |
| 4-Nitrophenol               | mg/kg | .333                      | 0.264  | 79.3  | 34.8-109 | WG759809 |
| Acenaphthene                | mg/kg | .333                      | 0.273  | 82.1  | 48.9-107 | WG759809 |
| Acenaphthylene              | mg/kg | .333                      | 0.284  | 85.2  | 49.2-111 | WG759809 |
| Anthracene                  | mg/kg | .333                      | 0.274  | 82.2  | 52-112   | WG759809 |
| Benazidine                  | mg/kg | .333                      | 0.0488 | 14.7  | 0-48     | WG759809 |
| Benzo(a)anthracene          | mg/kg | .333                      | 0.274  | 82.2  | 52.3-106 | WG759809 |
| Benzo(a)pyrene              | mg/kg | .333                      | 0.286  | 85.8  | 51.9-106 | WG759809 |
| Benzo(b)fluoranthene        | mg/kg | .333                      | 0.300  | 90.2  | 51.3-106 | WG759809 |
| Benzo(g,h,i)perylene        | mg/kg | .333                      | 0.237  | 71.1  | 45.8-108 | WG759809 |
| Benzo(k)fluoranthene        | mg/kg | .333                      | 0.256  | 76.7  | 52.9-107 | WG759809 |
| Benzylbutyl phthalate       | mg/kg | .333                      | 0.315  | 94.7  | 47.5-115 | WG759809 |
| Bis(2-chloroethoxy)methane  | mg/kg | .333                      | 0.236  | 70.8  | 44.9-108 | WG759809 |
| Bis(2-chloroethyl)ether     | mg/kg | .333                      | 0.232  | 69.8  | 32.5-112 | WG759809 |
| Bis(2-chloroisopropyl)ether | mg/kg | .333                      | 0.246  | 73.9  | 40.4-99  | WG759809 |
| Bis(2-ethylhexyl)phthalate  | mg/kg | .333                      | 0.331  | 99.3  | 48.1-116 | WG759809 |
| Chrysene                    | mg/kg | .333                      | 0.281  | 84.4  | 54.4-110 | WG759809 |
| Di-n-butyl phthalate        | mg/kg | .333                      | 0.293  | 88.1  | 49.7-113 | WG759809 |
| Di-n-octyl phthalate        | mg/kg | .333                      | 0.316  | 94.9  | 49.6-112 | WG759809 |
| Dibenz(a,h)anthracene       | mg/kg | .333                      | 0.245  | 73.6  | 45.7-111 | WG759809 |
| Diethyl phthalate           | mg/kg | .333                      | 0.310  | 93.2  | 52-112   | WG759809 |
| Dimethyl phthalate          | mg/kg | .333                      | 0.296  | 88.9  | 51.4-108 | WG759809 |
| Fluoranthene                | mg/kg | .333                      | 0.283  | 84.9  | 53.7-110 | WG759809 |
| Fluorene                    | mg/kg | .333                      | 0.279  | 83.8  | 51.1-109 | WG759809 |
| Hexachloro-1,3-butadiene    | mg/kg | .333                      | 0.272  | 81.7  | 41.5-112 | WG759809 |
| Hexachlorobenzene           | mg/kg | .333                      | 0.270  | 81.0  | 43.2-104 | WG759809 |
| Hexachlorocyclopentadiene   | mg/kg | .333                      | 0.211  | 63.5  | 13.5-123 | WG759809 |
| Hexachloroethane            | mg/kg | .333                      | 0.257  | 77.3  | 36.2-103 | WG759809 |
| Indeno(1,2,3-cd)pyrene      | mg/kg | .333                      | 0.246  | 73.9  | 47.5-109 | WG759809 |
| Isophorone                  | mg/kg | .333                      | 0.288  | 86.5  | 28.8-104 | WG759809 |

\* Performance of this Analyte is outside of established criteria.

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Est. 1970

December 16, 2014

| Analyte                   | Units | Laboratory Control Sample |        | % Rec | Limit    | Batch    |
|---------------------------|-------|---------------------------|--------|-------|----------|----------|
|                           |       | Known Val                 | Result |       |          |          |
| n-Nitrosodi-n-propylamine | mg/kg | .333                      | 0.233  | 69.8  | 43.3-109 | WG759809 |
| n-Nitrosodimethylamine    | mg/kg | .333                      | 0.233  | 70.0  | 18.1-122 | WG759809 |
| n-Nitrosodiphenylamine    | mg/kg | .333                      | 0.270  | 81.0  | 48.8-107 | WG759809 |
| Naphthalene               | mg/kg | .333                      | 0.245  | 73.7  | 43.4-103 | WG759809 |
| Nitrobenzene              | mg/kg | .333                      | 0.268  | 80.5  | 40.7-109 | WG759809 |
| Pentachlorophenol         | mg/kg | .333                      | 0.224  | 67.3  | 16.2-102 | WG759809 |
| Phenanthrene              | mg/kg | .333                      | 0.275  | 82.6  | 51.6-107 | WG759809 |
| Phenol                    | mg/kg | .333                      | 0.248  | 74.4  | 41.5-106 | WG759809 |
| Pyrene                    | mg/kg | .333                      | 0.285  | 85.6  | 47.1-108 | WG759809 |
| 2,4,6-Tribromophenol      |       |                           |        | 78.00 | 21.6-142 | WG759809 |
| 2-Fluorobiphenyl          |       |                           |        | 78.00 | 34.9-129 | WG759809 |
| 2-Fluorophenol            |       |                           |        | 74.90 | 21.1-116 | WG759809 |
| Nitrobenzene-d5           |       |                           |        | 73.90 | 21.9-129 | WG759809 |
| Phenol-d5                 |       |                           |        | 70.10 | 26.3-121 | WG759809 |
| p-Terphenyl-d14           |       |                           |        | 61.30 | 21.5-128 | WG759809 |

| Analyte                     | Units | Laboratory Control Sample Duplicate |        |      | Limit    | RPD   | Limit | Batch    |
|-----------------------------|-------|-------------------------------------|--------|------|----------|-------|-------|----------|
|                             |       | Result                              | Ref    | %Rec |          |       |       |          |
| 1,2,4-Trichlorobenzene      | mg/kg | 0.268                               | 0.262  | 80.0 | 39.8-100 | 2.47  | 20    | WG759809 |
| 2,4,6-Trichlorophenol       | mg/kg | 0.284                               | 0.299  | 85.0 | 44.4-108 | 5.15  | 20    | WG759809 |
| 2,4-Dichlorophenol          | mg/kg | 0.286                               | 0.287  | 86.0 | 46.2-109 | 0.310 | 20    | WG759809 |
| 2,4-Dimethylphenol          | mg/kg | 0.279                               | 0.286  | 84.0 | 42.2-110 | 2.43  | 20    | WG759809 |
| 2,4-Dinitrophenol           | mg/kg | 0.133                               | 0.118  | 40.0 | 10-105   | 12.1  | 36.5  | WG759809 |
| 2,4-Dinitrotoluene          | mg/kg | 0.297                               | 0.300  | 89.0 | 53-112   | 1.21  | 20    | WG759809 |
| 2,6-Dinitrotoluene          | mg/kg | 0.289                               | 0.290  | 87.0 | 51.6-110 | 0.220 | 20    | WG759809 |
| 2-Chloronaphthalene         | mg/kg | 0.277                               | 0.278  | 83.0 | 47.1-105 | 0.400 | 20    | WG759809 |
| 2-Chlorophenol              | mg/kg | 0.252                               | 0.261  | 76.0 | 40.8-103 | 3.21  | 20    | WG759809 |
| 2-Nitrophenol               | mg/kg | 0.292                               | 0.291  | 88.0 | 44.2-113 | 0.320 | 20.9  | WG759809 |
| 3,3-Dichlorobenzidine       | mg/kg | 0.207                               | 0.223  | 62.0 | 21-101   | 7.27  | 22    | WG759809 |
| 4,6-Dinitro-2-methylphenol  | mg/kg | 0.238                               | 0.251  | 72.0 | 23.1-119 | 5.17  | 23.7  | WG759809 |
| 4-Bromophenyl-phenylether   | mg/kg | 0.256                               | 0.260  | 77.0 | 51.4-110 | 1.72  | 20    | WG759809 |
| 4-Chloro-3-methylphenol     | mg/kg | 0.287                               | 0.296  | 86.0 | 51.1-113 | 3.02  | 20    | WG759809 |
| 4-Chlorophenyl-phenylether  | mg/kg | 0.273                               | 0.275  | 82.0 | 48.1-108 | 0.480 | 20    | WG759809 |
| 4-Nitrophenol               | mg/kg | 0.245                               | 0.264  | 74.0 | 34.8-109 | 7.54  | 20    | WG759809 |
| Acenaphthene                | mg/kg | 0.270                               | 0.273  | 81.0 | 48.9-107 | 1.02  | 20    | WG759809 |
| Acenaphthylene              | mg/kg | 0.282                               | 0.284  | 85.0 | 49.2-111 | 0.630 | 20    | WG759809 |
| Anthracene                  | mg/kg | 0.276                               | 0.274  | 83.0 | 52-112   | 0.880 | 20    | WG759809 |
| Benzidine                   | mg/kg | 0.0447                              | 0.0488 | 13.0 | 0-48     | 8.75  | 40    | WG759809 |
| Benzo(a)anthracene          | mg/kg | 0.270                               | 0.274  | 81.0 | 52.3-106 | 1.54  | 20    | WG759809 |
| Benzo(a)pyrene              | mg/kg | 0.283                               | 0.286  | 85.0 | 51.9-106 | 0.910 | 20    | WG759809 |
| Benzo(b)fluoranthene        | mg/kg | 0.286                               | 0.300  | 86.0 | 51.3-106 | 4.81  | 20    | WG759809 |
| Benzo(g,h,i)perylene        | mg/kg | 0.257                               | 0.237  | 77.0 | 45.8-108 | 8.07  | 20    | WG759809 |
| Benzo(k)fluoranthene        | mg/kg | 0.258                               | 0.256  | 77.0 | 52.9-107 | 0.870 | 20    | WG759809 |
| Benzylbutyl phthalate       | mg/kg | 0.302                               | 0.315  | 90.0 | 47.5-115 | 4.41  | 20    | WG759809 |
| Bis(2-chlorethoxy)methane   | mg/kg | 0.238                               | 0.236  | 72.0 | 44.9-108 | 1.07  | 20    | WG759809 |
| Bis(2-chloroethyl)ether     | mg/kg | 0.231                               | 0.232  | 69.0 | 32.5-112 | 0.530 | 26    | WG759809 |
| Bis(2-chloroisopropyl)ether | mg/kg | 0.241                               | 0.246  | 72.0 | 40.4-99  | 2.20  | 20.7  | WG759809 |
| Bis(2-ethylhexyl)phthalate  | mg/kg | 0.308                               | 0.331  | 92.0 | 48.1-116 | 6.97  | 20.5  | WG759809 |
| Chrysene                    | mg/kg | 0.269                               | 0.281  | 81.0 | 54.4-110 | 4.52  | 20    | WG759809 |
| Di-n-butyl phthalate        | mg/kg | 0.282                               | 0.293  | 85.0 | 49.7-113 | 3.74  | 20    | WG759809 |
| Di-n-octyl phthalate        | mg/kg | 0.314                               | 0.316  | 94.0 | 49.6-112 | 0.680 | 22    | WG759809 |
| Dibenz(a,h)anthracene       | mg/kg | 0.259                               | 0.245  | 78.0 | 45.7-111 | 5.58  | 20    | WG759809 |
| Diethyl phthalate           | mg/kg | 0.306                               | 0.310  | 92.0 | 52-112   | 1.50  | 20    | WG759809 |
| Dimethyl phthalate          | mg/kg | 0.289                               | 0.296  | 87.0 | 51.4-108 | 2.33  | 20    | WG759809 |
| Fluoranthene                | mg/kg | 0.272                               | 0.283  | 82.0 | 53.7-110 | 3.79  | 20    | WG759809 |
| Fluorene                    | mg/kg | 0.278                               | 0.279  | 83.0 | 51.1-109 | 0.440 | 20    | WG759809 |
| Hexachloro-1,3-butadiene    | mg/kg | 0.270                               | 0.272  | 81.0 | 41.5-112 | 0.740 | 20    | WG759809 |
| Hexachlorobenzene           | mg/kg | 0.261                               | 0.270  | 78.0 | 43.2-104 | 3.20  | 20.1  | WG759809 |

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





YOUR LAB OF CHOICE

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(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

December 16, 2014

| Analyte                   | Laboratory Control Sample Duplicate |        |       |       | Limit    | RPD   | Limit | Batch    |
|---------------------------|-------------------------------------|--------|-------|-------|----------|-------|-------|----------|
|                           | Units                               | Result | Ref   | %Rec  |          |       |       |          |
| Hexachlorocyclopentadiene | mg/kg                               | 0.207  | 0.211 | 62.0  | 13.5-123 | 2.21  | 20.7  | WG759809 |
| Hexachloroethane          | mg/kg                               | 0.253  | 0.257 | 76.0  | 36.2-103 | 1.69  | 22.7  | WG759809 |
| Indeno(1,2,3-cd)pyrene    | mg/kg                               | 0.263  | 0.246 | 79.0  | 47.5-109 | 6.62  | 20    | WG759809 |
| Isophorone                | mg/kg                               | 0.295  | 0.288 | 88.0  | 28.8-104 | 2.35  | 20    | WG759809 |
| n-Nitrosodi-n-propylamine | mg/kg                               | 0.228  | 0.233 | 68.0  | 43.3-109 | 2.10  | 20    | WG759809 |
| n-Nitrosodimethylamine    | mg/kg                               | 0.220  | 0.233 | 66.0  | 18.1-122 | 5.52  | 23.5  | WG759809 |
| n-Nitrosodiphenylamine    | mg/kg                               | 0.259  | 0.270 | 78.0  | 48.8-107 | 3.88  | 20    | WG759809 |
| Naphthalene               | mg/kg                               | 0.248  | 0.245 | 74.0  | 43.4-103 | 1.11  | 20    | WG759809 |
| Nitrobenzene              | mg/kg                               | 0.277  | 0.268 | 83.0  | 40.7-109 | 3.22  | 21    | WG759809 |
| Pentachlorophenol         | mg/kg                               | 0.201  | 0.224 | 60.0  | 16.2-102 | 10.7  | 22.9  | WG759809 |
| Phenanthrene              | mg/kg                               | 0.273  | 0.275 | 82.0  | 51.6-107 | 0.920 | 20    | WG759809 |
| Phenol                    | mg/kg                               | 0.246  | 0.248 | 74.0  | 41.5-106 | 0.580 | 20    | WG759809 |
| Pyrene                    | mg/kg                               | 0.283  | 0.285 | 85.0  | 47.1-108 | 0.540 | 20    | WG759809 |
| 2,4,6-Tribromophenol      |                                     |        |       | 79.90 | 21.6-142 |       |       | WG759809 |
| 2-Fluorobiphenyl          |                                     |        |       | 78.40 | 34.9-129 |       |       | WG759809 |
| 2-Fluorophenol            |                                     |        |       | 74.10 | 21.1-116 |       |       | WG759809 |
| Nitrobenzene-d5           |                                     |        |       | 78.80 | 21.9-129 |       |       | WG759809 |
| Phenol-d5                 |                                     |        |       | 70.50 | 26.3-121 |       |       | WG759809 |
| p-Terphenyl-d14           |                                     |        |       | 60.40 | 21.5-128 |       |       | WG759809 |

| Analyte                     | Units | Matrix Spike |         |       |       | Limit    | Ref Samp   | Batch    |
|-----------------------------|-------|--------------|---------|-------|-------|----------|------------|----------|
|                             |       | MS Res       | Ref Res | TV    | % Rec |          |            |          |
| 1,2,4-Trichlorobenzene      | mg/kg | 0.291        | 0.0     | .0333 | 87.0  | 36.5-114 | L738365-22 | WG759809 |
| 2,4,6-Trichlorophenol       | mg/kg | 0.295        | 0.0     | .0333 | 88.0  | 33.8-133 | L738365-22 | WG759809 |
| 2,4-Dichlorophenol          | mg/kg | 0.291        | 0.0     | .0333 | 87.0  | 34.8-134 | L738365-22 | WG759809 |
| 2,4-Dimethylphenol          | mg/kg | 0.274        | 0.0     | .0333 | 82.0  | 12.3-149 | L738365-22 | WG759809 |
| 2,4-Dinitrophenol           | mg/kg | 0.0          | 0.0     | .0333 | 0.0*  | 10-121   | L738365-22 | WG759809 |
| 2,4-Dinitrotoluene          | mg/kg | 0.267        | 0.0     | .0333 | 80.0  | 27.8-147 | L738365-22 | WG759809 |
| 2,6-Dinitrotoluene          | mg/kg | 0.270        | 0.0     | .0333 | 81.0  | 36.5-137 | L738365-22 | WG759809 |
| 2-Chloronaphthalene         | mg/kg | 0.293        | 0.0     | .0333 | 88.0  | 37.5-123 | L738365-22 | WG759809 |
| 2-Chlorophenol              | mg/kg | 0.273        | 0.0     | .0333 | 82.0  | 33.2-121 | L738365-22 | WG759809 |
| 2-Nitrophenol               | mg/kg | 0.263        | 0.0     | .0333 | 79.0  | 29.5-144 | L738365-22 | WG759809 |
| 3,3-Dichlorobenzidine       | mg/kg | 0.122        | 0.0     | .0333 | 36.0  | 10-129   | L738365-22 | WG759809 |
| 4,6-Dinitro-2-methylphenol  | mg/kg | 0.294        | 0.0     | .0333 | 88.0  | 10-144   | L738365-22 | WG759809 |
| 4-Bromophenyl-phenylether   | mg/kg | 0.268        | 0.0     | .0333 | 80.0  | 39-130   | L738365-22 | WG759809 |
| 4-Chloro-3-methylphenol     | mg/kg | 0.268        | 0.0     | .0333 | 80.0  | 27-154   | L738365-22 | WG759809 |
| 4-Chlorophenyl-phenylether  | mg/kg | 0.286        | 0.0     | .0333 | 86.0  | 37.9-123 | L738365-22 | WG759809 |
| 4-Nitrophenol               | mg/kg | 0.268        | 0.0     | .0333 | 80.0  | 20-133   | L738365-22 | WG759809 |
| Acenaphthene                | mg/kg | 0.281        | 0.0     | .0333 | 84.0  | 32.2-134 | L738365-22 | WG759809 |
| Acenaphthylene              | mg/kg | 0.274        | 0.0     | .0333 | 82.0  | 38.7-129 | L738365-22 | WG759809 |
| Anthracene                  | mg/kg | 0.284        | 0.0     | .0333 | 85.0  | 32.3-137 | L738365-22 | WG759809 |
| Benzidine                   | mg/kg | 0.197        | 0.0     | .0333 | 59.0* | 0-49.9   | L738365-22 | WG759809 |
| Benzo(a)anthracene          | mg/kg | 0.272        | 0.0     | .0333 | 82.0  | 33.3-124 | L738365-22 | WG759809 |
| Benzo(a)pyrene              | mg/kg | 0.261        | 0.0     | .0333 | 78.0  | 28.2-128 | L738365-22 | WG759809 |
| Benzo(b)fluoranthene        | mg/kg | 0.304        | 0.0     | .0333 | 91.0  | 23.3-133 | L738365-22 | WG759809 |
| Benzo(g,h,i)perylene        | mg/kg | 0.154        | 0.0     | .0333 | 46.0  | 10-127   | L738365-22 | WG759809 |
| Benzo(k)fluoranthene        | mg/kg | 0.281        | 0.0     | .0333 | 84.0  | 31-129   | L738365-22 | WG759809 |
| Benzylbutyl phthalate       | mg/kg | 0.311        | 0.0     | .0333 | 93.0  | 33.4-128 | L738365-22 | WG759809 |
| Bis(2-chloroethoxy)methane  | mg/kg | 0.237        | 0.0     | .0333 | 71.0  | 35-132   | L738365-22 | WG759809 |
| Bis(2-chloroethyl)ether     | mg/kg | 0.249        | 0.0     | .0333 | 75.0  | 28.8-128 | L738365-22 | WG759809 |
| Bis(2-chloroisopropyl)ether | mg/kg | 0.258        | 0.0     | .0333 | 77.0  | 31.8-118 | L738365-22 | WG759809 |
| Bis(2-ethylhexyl)phthalate  | mg/kg | 0.316        | 0.0480  | .0333 | 80.0  | 21.8-141 | L738365-22 | WG759809 |
| Chrysene                    | mg/kg | 0.303        | 0.0     | .0333 | 91.0  | 36.3-129 | L738365-22 | WG759809 |
| Di-n-butyl phthalate        | mg/kg | 0.293        | 0.0     | .0333 | 88.0  | 32.2-133 | L738365-22 | WG759809 |
| Di-n-octyl phthalate        | mg/kg | 0.305        | 0.0     | .0333 | 92.0  | 28.5-128 | L738365-22 | WG759809 |
| Dibenz(a,h)anthracene       | mg/kg | 0.158        | 0.0     | .0333 | 47.0  | 10.5-128 | L738365-22 | WG759809 |
| Diethyl phthalate           | mg/kg | 0.301        | 0.0     | .0333 | 90.0  | 39.4-136 | L738365-22 | WG759809 |
| Dimethyl phthalate          | mg/kg | 0.279        | 0.0     | .0333 | 84.0  | 35.8-137 | L738365-22 | WG759809 |

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





L.A.B S.C.I.E.N.C.E.S

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Tax I.D. 62-0814289

Est. 1970

December 16, 2014

| Analyte                   | Units | MS Res | Matrix Spike |       |       | % Rec    | Limit      | Ref Samp | Batch |
|---------------------------|-------|--------|--------------|-------|-------|----------|------------|----------|-------|
|                           |       |        | Ref Res      | TV    |       |          |            |          |       |
| Fluoranthene              | mg/kg | 0.271  | 0.0          | .0333 | 82.0  | 27.9-138 | L738365-22 | WG759809 |       |
| Fluorene                  | mg/kg | 0.278  | 0.0          | .0333 | 84.0  | 34-133   | L738365-22 | WG759809 |       |
| Hexachloro-1,3-butadiene  | mg/kg | 0.280  | 0.0          | .0333 | 84.0  | 36.5-125 | L738365-22 | WG759809 |       |
| Hexachlorobenzene         | mg/kg | 0.276  | 0.0          | .0333 | 83.0  | 34.4-116 | L738365-22 | WG759809 |       |
| Hexachlorocyclopentadiene | mg/kg | 0.107  | 0.0          | .0333 | 32.0  | 10-124   | L738365-22 | WG759809 |       |
| Hexachloroethane          | mg/kg | 0.267  | 0.0          | .0333 | 80.0  | 11.3-143 | L738365-22 | WG759809 |       |
| Indeno(1,2,3-cd)pyrene    | mg/kg | 0.176  | 0.0          | .0333 | 53.0  | 10-128   | L738365-22 | WG759809 |       |
| Isophorone                | mg/kg | 0.270  | 0.0          | .0333 | 81.0  | 25.7-116 | L738365-22 | WG759809 |       |
| n-Nitrosodi-n-propylamine | mg/kg | 0.239  | 0.0          | .0333 | 72.0  | 33-134   | L738365-22 | WG759809 |       |
| n-Nitrosodimethylamine    | mg/kg | 0.231  | 0.0          | .0333 | 69.0  | 19.2-127 | L738365-22 | WG759809 |       |
| n-Nitrosodiphenylamine    | mg/kg | 0.273  | 0.0          | .0333 | 82.0  | 26.8-133 | L738365-22 | WG759809 |       |
| Naphthalene               | mg/kg | 0.270  | 0.0          | .0333 | 81.0  | 36.4-121 | L738365-22 | WG759809 |       |
| Nitrobenzene              | mg/kg | 0.275  | 0.0          | .0333 | 82.0  | 30.9-134 | L738365-22 | WG759809 |       |
| Pentachlorophenol         | mg/kg | 0.221  | 0.0          | .0333 | 66.0  | 10-139   | L738365-22 | WG759809 |       |
| Phenanthrene              | mg/kg | 0.278  | 0.0          | .0333 | 84.0  | 30.8-137 | L738365-22 | WG759809 |       |
| Phenol                    | mg/kg | 0.261  | 0.0          | .0333 | 78.0  | 25.1-130 | L738365-22 | WG759809 |       |
| Pyrene                    | mg/kg | 0.296  | 0.0          | .0333 | 89.0  | 24.1-130 | L738365-22 | WG759809 |       |
| 2,4,6-Tribromophenol      |       |        |              |       | 69.50 | 21.6-142 |            | WG759809 |       |
| 2-Fluorobiphenyl          |       |        |              |       | 78.90 | 34.9-129 |            | WG759809 |       |
| 2-Fluorophenol            |       |        |              |       | 86.00 | 21.1-116 |            | WG759809 |       |
| Nitrobenzene-d5           |       |        |              |       | 78.30 | 21.9-129 |            | WG759809 |       |
| Phenol-d5                 |       |        |              |       | 73.10 | 26.3-121 |            | WG759809 |       |
| p-Terphenyl-d14           |       |        |              |       | 63.50 | 21.5-128 |            | WG759809 |       |

| Analyte                     | Units | MSD   | Matrix Spike Duplicate |       |  | Limit    | RPD   | Limit | Ref Samp   | Batch    |
|-----------------------------|-------|-------|------------------------|-------|--|----------|-------|-------|------------|----------|
|                             |       |       | Ref                    | %Rec  |  |          |       |       |            |          |
| 1,2,4-Trichlorobenzene      | mg/kg | 0.389 | 0.291                  | 117.* |  | 36.5-114 | 28.8* | 28.4  | L738365-22 | WG759809 |
| 2,4,6-Trichlorophenol       | mg/kg | 0.376 | 0.295                  | 113.  |  | 33.8-133 | 24.3  | 28.1  | L738365-22 | WG759809 |
| 2,4-Dichlorophenol          | mg/kg | 0.395 | 0.291                  | 118.  |  | 34.8-134 | 30.4* | 27.3  | L738365-22 | WG759809 |
| 2,4-Dimethylphenol          | mg/kg | 0.375 | 0.274                  | 112.  |  | 12.3-149 | 30.9  | 32.3  | L738365-22 | WG759809 |
| 2,4-Dinitrophenol           | mg/kg | 0.0   | 0.0                    | 0*    |  | 10-121   | 0.0   | 39.4  | L738365-22 | WG759809 |
| 2,4-Dinitrotoluene          | mg/kg | 0.335 | 0.267                  | 101.  |  | 27.8-147 | 22.9  | 29.7  | L738365-22 | WG759809 |
| 2,6-Dinitrotoluene          | mg/kg | 0.338 | 0.270                  | 101.  |  | 36.5-137 | 22.4  | 29.7  | L738365-22 | WG759809 |
| 2-Chloronaphthalene         | mg/kg | 0.388 | 0.293                  | 116.  |  | 37.5-123 | 28.0* | 26.5  | L738365-22 | WG759809 |
| 2-Chlorophenol              | mg/kg | 0.367 | 0.273                  | 110.  |  | 33.2-121 | 29.4* | 29.3  | L738365-22 | WG759809 |
| 2-Nitrophenol               | mg/kg | 0.363 | 0.263                  | 109.  |  | 29.5-144 | 32.0* | 29.9  | L738365-22 | WG759809 |
| 3,3-Dichlorobenzidine       | mg/kg | 0.139 | 0.122                  | 41.7  |  | 10-129   | 13.4  | 40    | L738365-22 | WG759809 |
| 4,6-Dinitro-2-methylphenol  | mg/kg | 0.303 | 0.294                  | 91.0  |  | 10-144   | 3.05  | 32.7  | L738365-22 | WG759809 |
| 4-Bromophenyl-phenylether   | mg/kg | 0.351 | 0.268                  | 105.  |  | 39-130   | 26.7* | 26    | L738365-22 | WG759809 |
| 4-Chloro-3-methylphenol     | mg/kg | 0.370 | 0.268                  | 111.  |  | 27-154   | 31.9* | 26.6  | L738365-22 | WG759809 |
| 4-Chlorophenyl-phenylether  | mg/kg | 0.359 | 0.286                  | 108.  |  | 37.9-123 | 22.6  | 25.9  | L738365-22 | WG759809 |
| 4-Nitrophenol               | mg/kg | 0.306 | 0.268                  | 91.8  |  | 20-133   | 13.3  | 30.2  | L738365-22 | WG759809 |
| Acenaphthene                | mg/kg | 0.365 | 0.281                  | 109.  |  | 32.2-134 | 25.9  | 27.3  | L738365-22 | WG759809 |
| Acenaphthylene              | mg/kg | 0.361 | 0.274                  | 108.  |  | 38.7-129 | 27.5* | 25.9  | L738365-22 | WG759809 |
| Anthracene                  | mg/kg | 0.370 | 0.284                  | 111.  |  | 32.3-137 | 26.2  | 28.4  | L738365-22 | WG759809 |
| Benazidine                  | mg/kg | 0.202 | 0.197                  | 60.8* |  | 0-49.9   | 2.67  | 40    | L738365-22 | WG759809 |
| Benzo(a)anthracene          | mg/kg | 0.342 | 0.272                  | 103.  |  | 33.3-124 | 23.0  | 29    | L738365-22 | WG759809 |
| Benzo(a)pyrene              | mg/kg | 0.355 | 0.261                  | 106.  |  | 28.2-128 | 30.4* | 28.4  | L738365-22 | WG759809 |
| Benzo(b)fluoranthene        | mg/kg | 0.390 | 0.304                  | 117.  |  | 23.3-133 | 24.8  | 30.3  | L738365-22 | WG759809 |
| Benzo(g,h,i)perylene        | mg/kg | 0.192 | 0.154                  | 57.6  |  | 10-127   | 22.2  | 31.9  | L738365-22 | WG759809 |
| Benzo(k)fluoranthene        | mg/kg | 0.378 | 0.281                  | 113.  |  | 31-129   | 29.4* | 26.7  | L738365-22 | WG759809 |
| Benzylbutyl phthalate       | mg/kg | 0.421 | 0.311                  | 126.  |  | 33.4-128 | 30.0* | 28.5  | L738365-22 | WG759809 |
| Bis(2-chloroethoxy)methane  | mg/kg | 0.322 | 0.237                  | 96.8  |  | 35-132   | 30.4* | 26.1  | L738365-22 | WG759809 |
| Bis(2-chloroethyl)ether     | mg/kg | 0.334 | 0.249                  | 100.  |  | 28.8-128 | 28.9  | 33.6  | L738365-22 | WG759809 |
| Bis(2-chloroisopropyl)ether | mg/kg | 0.340 | 0.258                  | 102.  |  | 31.8-118 | 27.5  | 31.7  | L738365-22 | WG759809 |
| Bis(2-ethylhexyl)phthalate  | mg/kg | 0.397 | 0.316                  | 105.  |  | 21.8-141 | 22.9  | 35.2  | L738365-22 | WG759809 |
| Chrysene                    | mg/kg | 0.364 | 0.303                  | 109.  |  | 36.3-129 | 18.4  | 28    | L738365-22 | WG759809 |
| Di-n-butyl phthalate        | mg/kg | 0.394 | 0.293                  | 118.  |  | 32.2-133 | 29.5* | 25.9  | L738365-22 | WG759809 |

\* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





LAB SCIENCES

YOUR LAB OF CHOICE

EnviroTech- NM  
Lynn Cook  
5796 US. Highway 64  
Farmington, NM 87401

Quality Assurance Report  
Level II

L738777

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

December 16, 2014

| Analyte                   | Units | MSD   | Matrix Spike Duplicate |       | Limit    | RPD   | Limit | Ref Samp   | Batch    |
|---------------------------|-------|-------|------------------------|-------|----------|-------|-------|------------|----------|
|                           |       |       | Ref                    | %Rec  |          |       |       |            |          |
| Di-n-octyl phthalate      | mg/kg | 0.405 | 0.305                  | 122.  | 28.5-128 | 28.1  | 32.5  | L738365-22 | WG759809 |
| Dibenz(a,h)anthracene     | mg/kg | 0.211 | 0.158                  | 63.5  | 10.5-128 | 29.2  | 29.5  | L738365-22 | WG759809 |
| Diethyl phthalate         | mg/kg | 0.393 | 0.301                  | 118.  | 39.4-136 | 26.4* | 25.5  | L738365-22 | WG759809 |
| Dimethyl phthalate        | mg/kg | 0.366 | 0.279                  | 110.  | 35.8-137 | 26.9* | 25.4  | L738365-22 | WG759809 |
| Fluoranthene              | mg/kg | 0.353 | 0.271                  | 106.  | 27.9-138 | 26.2  | 26.9  | L738365-22 | WG759809 |
| Fluorene                  | mg/kg | 0.354 | 0.278                  | 106.  | 34-133   | 24.1  | 27.1  | L738365-22 | WG759809 |
| Hexachloro-1,3-butadiene  | mg/kg | 0.378 | 0.280                  | 114.  | 36.5-125 | 30.0* | 29.7  | L738365-22 | WG759809 |
| Hexachlorobenzene         | mg/kg | 0.335 | 0.276                  | 101.  | 34.4-116 | 19.5  | 25.4  | L738365-22 | WG759809 |
| Hexachlorocyclopentadiene | mg/kg | 0.130 | 0.107                  | 39.1  | 10-124   | 19.6  | 37.5  | L738365-22 | WG759809 |
| Hexachloroethane          | mg/kg | 0.360 | 0.267                  | 108.  | 11.3-143 | 29.6  | 31.9  | L738365-22 | WG759809 |
| Indeno(1,2,3-cd)pyrene    | mg/kg | 0.217 | 0.176                  | 65.3  | 10-128   | 20.9  | 31.5  | L738365-22 | WG759809 |
| Isophorone                | mg/kg | 0.367 | 0.270                  | 110.  | 25.7-116 | 30.5* | 27.7  | L738365-22 | WG759809 |
| n-Nitrosodi-n-propylamine | mg/kg | 0.304 | 0.239                  | 91.4  | 33-134   | 24.1  | 28.2  | L738365-22 | WG759809 |
| n-Nitrosodimethylamine    | mg/kg | 0.288 | 0.231                  | 86.4  | 19.2-127 | 22.0  | 32    | L738365-22 | WG759809 |
| n-Nitrosodiphenylamine    | mg/kg | 0.334 | 0.273                  | 100.  | 26.8-133 | 20.0  | 25.9  | L738365-22 | WG759809 |
| Naphthalene               | mg/kg | 0.339 | 0.270                  | 102.  | 36.4-121 | 22.7  | 27.2  | L738365-22 | WG759809 |
| Nitrobenzene              | mg/kg | 0.368 | 0.275                  | 110.  | 30.9-134 | 29.0* | 27.8  | L738365-22 | WG759809 |
| Pentachlorophenol         | mg/kg | 0.272 | 0.221                  | 81.7  | 10-139   | 20.8  | 28.3  | L738365-22 | WG759809 |
| Phenanthrene              | mg/kg | 0.351 | 0.278                  | 105.  | 30.8-137 | 22.9  | 26.5  | L738365-22 | WG759809 |
| Phenol                    | mg/kg | 0.338 | 0.261                  | 102.  | 25.1-130 | 25.6  | 29.6  | L738365-22 | WG759809 |
| Pyrene                    | mg/kg | 0.389 | 0.296                  | 117.  | 24.1-130 | 27.1  | 29.9  | L738365-22 | WG759809 |
| 2,4,6-Tribromophenol      |       |       |                        | 91.00 | 21.6-142 |       |       |            | WG759809 |
| 2-Fluorobiphenyl          |       |       |                        | 102.0 | 34.9-129 |       |       |            | WG759809 |
| 2-Fluorophenol            |       |       |                        | 105.0 | 21.1-116 |       |       |            | WG759809 |
| Nitrobenzene-d5           |       |       |                        | 104.0 | 21.9-129 |       |       |            | WG759809 |
| Phenol-d5                 |       |       |                        | 92.30 | 26.3-121 |       |       |            | WG759809 |
| p-Terphenyl-d14           |       |       |                        | 79.20 | 21.5-128 |       |       |            | WG759809 |

Batch number /Run number / Sample number cross reference

WG759756: R3009958: L738777-01 02 03 04 05 06  
WG759809: R3010056: L738777-01 02 03 04 05 06

\* \* Calculations are performed prior to rounding of reported values.  
\* Performance of this Analyte is outside of established criteria.  
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'





YOUR LAB OF CHOICE

EnviroTech- NM  
Lynn Cook  
5796 US. Highway 64  
Farmington, NM 87401

Quality Assurance Report  
Level II

L738777

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

December 16, 2014

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Page 34 of 34



**APPENDIX B**

**Site Photography**

**SITE PHOTOGRAPHY  
CCI SAN JUAN, LLC  
SOIL SAMPLING AND REMEDIATION REPORT  
HORSESHOE GALLUP/ANETH 16" PIPELINE  
PROJECT NUMBER 14038-0004**



**Photo 1: Initial Response View 1**



**Photo 2: Initial Response View 2**



**SITE PHOTOGRAPHY  
CCI SAN JUAN, LLC  
SOIL SAMPLING AND REMEDIATION REPORT  
HORSESHOE GALLUP/ANETH 16" PIPELINE  
PROJECT NUMBER 14038-0004**



**Photo 3: Initial Response View 3**



**Photo 4: Initial Response View 4**

**SITE PHOTOGRAPHY**  
**CCI SAN JUAN, LLC**  
**SOIL SAMPLING AND REMEDIATION REPORT**  
**HORSESHOE GALLUP/ANETH 16" PIPELINE**  
**PROJECT NUMBER 14038-0004**



Photo 5: Initial Response View 5



Photo 6: Excavated Soil from Arroyo View 1



**SITE PHOTOGRAPHY  
CCI SAN JUAN, LLC  
SOIL SAMPLING AND REMEDIATION REPORT  
HORSESHOE GALLUP/ANETH 16" PIPELINE  
PROJECT NUMBER 14038-0004**



**Photo 7: Excavated Soil From Arroyo View 2**



**Photo 8: Excavated Soil from Arroyo View 3**

**SITE PHOTOGRAPHY**  
**CCI SAN JUAN, LLC**  
**SOIL SAMPLING AND REMEDIATION REPORT**  
**HORSESHOE GALLUP/ANETH 16" PIPELINE**  
**PROJECT NUMBER 14038-0004**

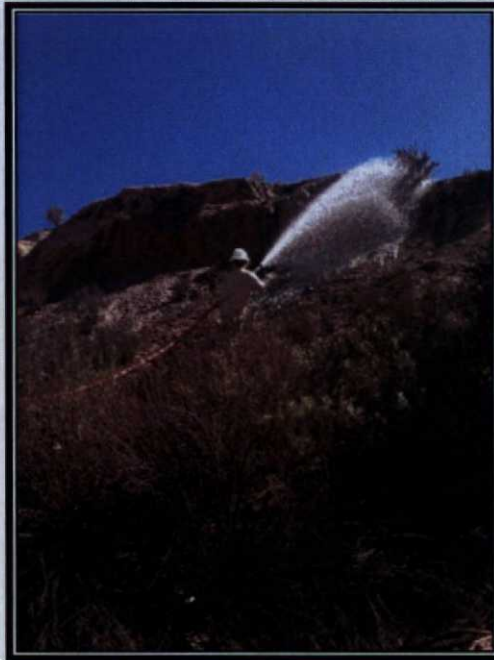


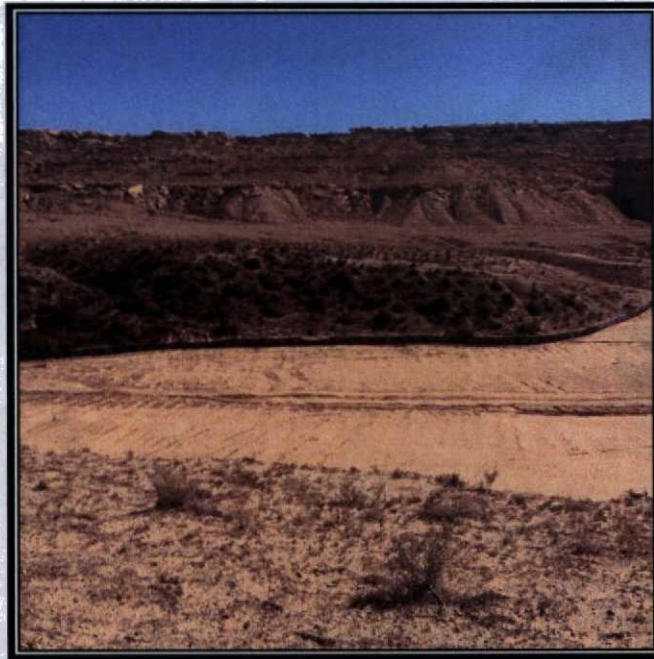
Photo 9: Treatment of Micro-Blaze Solution



Photo 10: Treatment of Micro-Blaze Solution



**SITE PHOTOGRAPHY**  
**CCI SAN JUAN, LLC**  
**SOIL SAMPLING AND REMEDIATION REPORT**  
**HORSESHOE GALLUP/ANETH 16" PIPELINE**  
**PROJECT NUMBER 14038-0004**

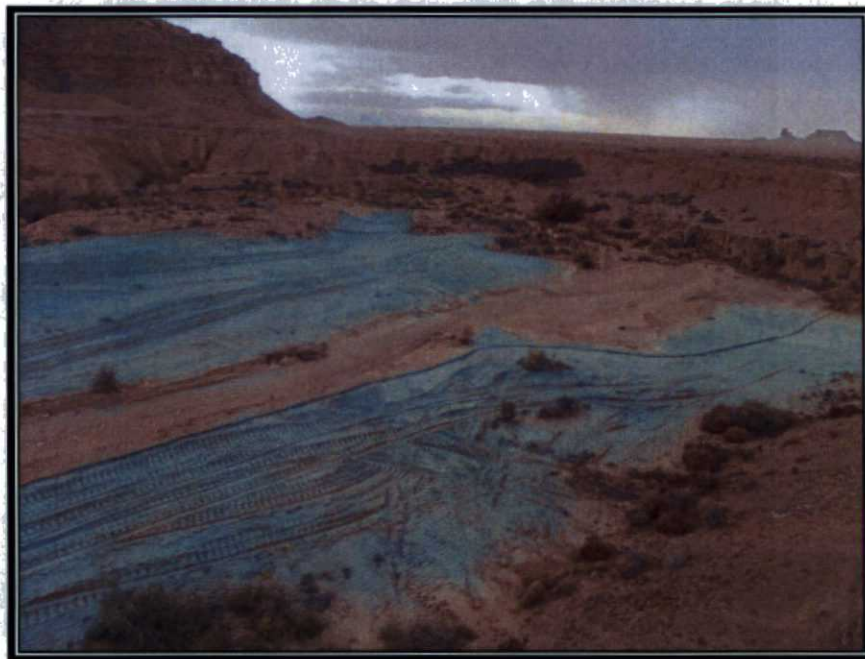


**Photo 11: Post Treatment of Micro-Blaze Solution**



**Photo 12: Re-seeded and Re-contoured View 1**

**SITE PHOTOGRAPHY**  
**CCI SAN JUAN, LLC**  
**SOIL SAMPLING AND REMEDIATION REPORT**  
**HORSESHOE GALLUP/ANETH 16" PIPELINE**  
**PROJECT NUMBER 14038-0004**



**Photo 13: Re-seeded and Re-contoured View 2**



**Photo 14: Re-seeded and Re-contoured View 3**



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**CCI SAN JUAN, LLC**  
**SOIL SAMPLING AND REMEDIATION REPORT**  
**HORSESHOE GALLUP/ANETH 16" PIPELINE**  
**PROJECT NUMBER 14038-0004**



**Photo 15: Re-seeded and Re-contoured View 4**



**Photo 16: Re-seeded and Re-contoured View 5**

**SITE PHOTOGRAPHY  
CCI SAN JUAN, LLC  
SOIL SAMPLING AND REMEDIATION REPORT  
HORSESHOE GALLUP/ANETH 16" PIPELINE  
PROJECT NUMBER 14038-0004**



**Photo 17: Re-seeded and Re-contoured View 6**



**Photo 18: Re-seeded and Re-contoured View 6**



### Bill of Lading

BOOKS



# Bill of Lading

MANIFEST # 48185

DATE 8-25-14 JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO. | COMPLETE DESCRIPTION OF SHIPMENT  |             |              |      |     |      | TRANSPORTING COMPANY |      |       |                  |
|----------|-----------------------------------|-------------|--------------|------|-----|------|----------------------|------|-------|------------------|
|          | POINT OF ORIGIN                   | DESTINATION | MATERIAL     | GRID | YDS | BBLs | COMPANY              | TRK# | TIME  | DRIVER SIGNATURE |
| 1        | COI HORSE SHOE<br>Gallup with 16' | LFH         | COAL<br>SOIL | C-2  | 18  | -    | TRIP/16<br>FFF       | 31   | 11:20 | [Signature]      |
| 2        | Pipeline                          | "           | "            | D-3  | 12  | -    | "                    | 3    | 11:20 | [Signature]      |
| 3        | "                                 | "           | "            | D-3  | 18  | -    | "                    | 05   | 11:20 | [Signature]      |
| 4        | "                                 | "           | "            | D-3  | 18  | -    | "                    | 33   | 11:30 | [Signature]      |
| 5        | "                                 | "           | "            | D-3  | 12  | -    | "                    | 71   | 11:30 | [Signature]      |
| 6        | "                                 | "           | "            | D-3  | 18  | -    | "                    | 32   | 11:35 | [Signature]      |
| 7        | "                                 | "           | "            | D-3  | 18  | -    | "                    | 31   | 15:20 | [Signature]      |
| 8        | "                                 | "           | "            | D-3  | 18  | -    | "                    | 05   | 15:30 | [Signature]      |
| 9        | "                                 | "           | "            | D-3  | 12  | -    | "                    | 3    | 15:30 | [Signature]      |
| 10       | "                                 | "           | "            | D-3  | 12  | -    | "                    | 71   | 15:40 | [Signature]      |
| 11       | "                                 | "           | "            | D-3  | 12  | -    | "                    | 32   | 15:50 | [Signature]      |
| 12       | "                                 | "           | "            | D-3  | 18  | -    | "                    | 33   | 15:50 | [Signature]      |

RESULTS:

CHLORIDE TEST 3

PAINT FILTER TEST 3

LANDFARM EMPLOYEE: [Signature] 180

Certification of above receipt & placement

NOTES:

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. TRIP/16 NAME Jeff Walker SIGNATURE [Signature]

COMPANY CONTACT Fidel Forby PHONE 505 486 1998 DATE 8-25-14

Signatures required prior to distribution of the legal document.





## Bill of Lading

DATE 8-25-14 JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. HARTMAN Outfitting Services NAME Roger L Hartman SIGNATURE [Signature]  
COMPANY CONTACT [Signature] PHONE [Signature] DATE [Signature]

***Signatures required prior to distribution of the legal document.***

White - Company Records, Yellow - Billing, Pink - Customer





# Bill of Lading

MANIFEST # **48189**DATE **8-25-14** JOB # **14838-0005**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO. | COMPLETE DESCRIPTION OF SHIPMENT |             |                                            |      |     |      | TRANSPORTING COMPANY                                               |      |       |                  |
|----------|----------------------------------|-------------|--------------------------------------------|------|-----|------|--------------------------------------------------------------------|------|-------|------------------|
|          | POINT OF ORIGIN                  | DESTINATION | MATERIAL                                   | GRID | YDS | BBLs | COMPANY                                                            | TRK# | TIME  | DRIVER SIGNATURE |
| 1        | CCI HERS SHOE                    | LFH-4       | CONF SOI C                                 | B-3  | 18  | -    | Baileys                                                            | 15   | 12:15 | Greg Chavez      |
| 2        | BAILED ANI 16"                   | "           | "                                          | B-3  | 18  | -    | "                                                                  | 24   | 12:15 | Bill Bailey      |
| 3        | "                                | "           | "                                          | B-3  | 18  | -    | "                                                                  | 23   | 12:15 | Greg Chavez      |
| 4        | "                                | "           | "                                          | B-3  | 18  | -    | "                                                                  | 15   | 16:40 | Bill Bailey      |
| 5        | "                                | "           | "                                          | B-3  | 18  | -    | "                                                                  | 23   | 16:50 | Greg Chavez      |
| 6        | "                                | "           | "                                          | B-3  | 18  | -    | "                                                                  | 24   | 16:50 | Bill Bailey      |
|          |                                  |             |                                            |      | 108 |      |                                                                    |      |       |                  |
| RESULTS: |                                  |             |                                            |      |     |      |                                                                    |      |       |                  |
| CL287    | CHLORIDE TEST                    | 2           | LANDFARM EMPLOYEE: <i>[Signature]</i> EL   |      |     |      | NOTES:                                                             |      |       |                  |
|          | PAINT FILTER TEST                | 2           | Certification of above receipt & placement |      |     |      | LOAD # 4 DID NOT HAVE COPY OF<br>WAST MANIFEST SW# 00371 PINK COPY |      |       |                  |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Baileys Welding NAME Greg Chavez SIGNATURE *[Signature]*  
COMPANY CONTACT \_\_\_\_\_ PHONE \_\_\_\_\_ DATE \_\_\_\_\_

Signatures required prior to distribution of the legal document.

White - Company Records, Yellow - Billing, Pink - Customer





## Bill of Lading

MANIFEST # **48190**

DATE 8-25-14

JOB # 14038-0005

**PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401**

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. WEEMINOCHIE CONST.

NAME \_\_\_\_\_

Ray Galleys

**SIGNATURE**

Ray H. Lee

COMPANY CONTACT *Tennis*

**PHONE**

978-565-7432  
749-1237

DATE \_\_\_\_\_

8/25/19

*Signatures required prior to distribution of the legal document.*

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# Bill of Lading

MANIFEST # 48217DATE 8-26-14 JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO.                     | COMPLETE DESCRIPTION OF SHIPMENT |             |                                            |      |        |      | TRANSPORTING COMPANY |      |       |                  |
|------------------------------|----------------------------------|-------------|--------------------------------------------|------|--------|------|----------------------|------|-------|------------------|
|                              | POINT OF ORIGIN                  | DESTINATION | MATERIAL                                   | GRID | YDS    | BBLs | COMPANY              | TRK# | TIME  | DRIVER SIGNATURE |
| 1                            | CCF                              | LFII-4      | CON-T SOIL                                 | D-4  | 18     | -    | Triple F             | 5    | 1052  | Teresa Hummel    |
| 2                            | Horse shoe                       | "           | "                                          | D-4  | 18     | -    | Triple F             | 31   | "     | Jeff G. L.       |
| 3                            | Gallup Anitk                     | "           | "                                          | D-4  | 12     | -    | TRIPLE F             | 3    | "     | Michael A.       |
| 4                            | 16" Pipeline                     | "           | "                                          | D-4  | 12     | -    | "                    | 71   | 11:05 | Ruben A.         |
| 5                            | "                                | "           | "                                          | D-4  | 18     | -    | "                    | 33   | 11:06 | El. Herrera      |
| 6                            | "                                | "           | "                                          | D-4  | 12     | -    | "                    | 32   | 11:20 | Jeff G. L.       |
| 7                            | "                                | "           | "                                          | B-3  | 12     | -    | "                    | 71   | 1500  | Ruben A.         |
| 8                            | "                                | "           | "                                          | C-4  | 18     | -    | "                    | 31   | 1501  | Jeff G. L.       |
| 9                            | "                                | "           | "                                          | B-3  | 12     | -    | "                    | 32   | 1514  | Michael A.       |
| 10                           | "                                | "           | "                                          | C-4  | 18     | -    | "                    | 33   | 1515  | El. Herrera      |
| 11                           | "                                | "           | "                                          | C-4  | 18     | -    | "                    | 05   | 1515  | Teresa Hummel    |
| 12                           | "                                | "           | "                                          | B-3  | 12     | -    | "                    | 32   | 1545  | Jeff G. L.       |
| RESULTS:                     |                                  |             | LANDFARM EMPLOYEE: <u>EL 190</u>           |      | NOTES: |      |                      |      |       |                  |
| <u>&lt;204</u> CHLORIDE TEST |                                  | <u>3</u>    | Certification of above receipt & placement |      |        |      |                      |      |       |                  |
| PAINT FILTER TEST            |                                  | <u>3</u>    |                                            |      |        |      |                      |      |       |                  |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Triple F Const. NAME Teresa Hummel SIGNATURE Teresa Hummel  
COMPANY CONTACT Fidel Flores PHONE 505-486-1998 DATE 8-26-14

Signatures required prior to distribution of the legal document.

0-2-1-2

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san juan reproduction 578-126







# Bill of Lading

MANIFEST # 48220DATE 8-26-14 JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO.       | COMPLETE DESCRIPTION OF SHIPMENT |                   |                                            |      |           |      | TRANSPORTING COMPANY |               |                 |                  |
|----------------|----------------------------------|-------------------|--------------------------------------------|------|-----------|------|----------------------|---------------|-----------------|------------------|
|                | POINT OF ORIGIN                  | DESTINATION       | MATERIAL                                   | GRID | YDS       | BBLs | COMPANY              | TRK#          | TIME            | DRIVER SIGNATURE |
| <del>1</del>   | <del>CCT</del>                   | <del>LFII-4</del> | <del>CONT SOIL</del>                       |      |           |      | <del>FWSE</del>      | <del>25</del> | <del>1102</del> |                  |
| 1              | CCI Horse shoe                   | LFII-4            | CONT SOIL                                  | D-4  | 18        |      | BWSI                 | 25            | 1108            | Bill Bailey      |
| 2              | Gallup with 16" pipeline         | "                 | "                                          | D-4  | 18        |      | BWSI                 | 15            | 1111            | Log Chaus        |
| 3              | "                                | "                 | "                                          | C-4  | 18        |      | BWSI                 | 25            | 1542            | Bill Bailey      |
| 4              | "                                | "                 | "                                          | C-4  | 18        |      | BWSI                 | 15            | 1542            | Log Chaus        |
|                |                                  |                   |                                            |      | <u>72</u> |      |                      |               |                 |                  |
| RESULTS:       |                                  |                   | LANDFARM EMPLOYEE:                         |      | NOTES:    |      |                      |               |                 |                  |
| <u>&lt;284</u> | CHLORIDE TEST                    | <u>1</u>          | Certification of above receipt & placement |      |           |      |                      |               |                 |                  |
|                | PAINT FILTER TEST                | <u>1</u>          |                                            |      |           |      |                      |               |                 |                  |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. BWSI NAME Bill Bailey SIGNATURE Bill Bailey  
COMPANY CONTACT Bill PHONE \_\_\_\_\_ DATE 8-26-14

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## Bill of Lading

MANIFEST # 48221

DATE 8.26.14 JOB # 14038-6005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

COMPANY CONTACT \_\_\_\_\_ PHONE \_\_\_\_\_ DATE \_\_\_\_\_

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See also reproduction 57B-12





MANIFEST # **48223**

DATE 8-26-14 JOB # 14038-0005

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Double J Trucking NAME Jake Loyd SIGNATURE [Signature]  
COMPANY CONTACT PHONE DATE 8-26-14

***Signatures required prior to distribution of the legal document.***



**envirotech**

## Bill of Lading

MANIFEST # 48239

DATE 8-27-14

JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Weermanwh Cont.

NAME Isaac Odele

**SIGNATURE**

## COMPANY CONTACT

PHONE

DATE \_\_\_\_\_

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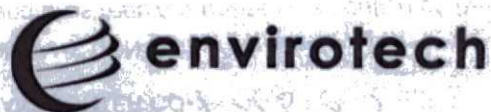
MANIFEST # 48242

DATE 8-27-14 JOB # 14038-0005

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

*Signatures required prior to distribution of the legal document.*





# Bill of Lading

MANIFEST # 48245DATE 8-27-14 JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO.                   | COMPLETE DESCRIPTION OF SHIPMENT      |                                            |                |        |     |      | TRANSPORTING COMPANY |      |       |                  |
|----------------------------|---------------------------------------|--------------------------------------------|----------------|--------|-----|------|----------------------|------|-------|------------------|
|                            | POINT OF ORIGIN                       | DESTINATION                                | MATERIAL       | GRID   | YDS | BBLs | COMPANY              | TRK# | TIME  | DRIVER SIGNATURE |
| 1                          | CCT House Shoe<br>Unit 5 16" Pipeline | LFE-4                                      | CON. +<br>SOIL | B-4    | 12  | -    | Triple F             | 3    | 1100  | Manuel Alon      |
| 2                          | "                                     | "                                          | "              | B-4    | 12  | -    | "                    | 71   | 1100  | Ruben Chaz       |
| 3                          | "                                     | "                                          | "              | B-4    | 18  | -    | "                    | 05   | 11:00 | Travis Smith     |
| 4                          | "                                     | "                                          | "              | B-4    | 16  | -    | "                    | 33   | 1100  | El. Herrera      |
| 5                          | "                                     | "                                          | "              | E-2    | 18  | -    | "                    | 05   | 14:50 | Travis Smith     |
| 6                          | "                                     | "                                          | "              | C-2    | 18  | -    | "                    | 33   | 14:50 | El. Herrera      |
| 7                          | "                                     | "                                          | "              | B-2    | 12  | -    | "                    | 3    | 14:50 | Manuel Alon      |
| 8                          | "                                     | "                                          | "              | B-2    | 12  | -    | "                    | 71   | 14:50 | Ruben Chaz       |
|                            |                                       |                                            |                |        | 120 |      |                      |      |       |                  |
| RESULTS:                   |                                       |                                            |                |        |     |      |                      |      |       |                  |
| CHLORIDE TEST <u>1/1</u>   |                                       | LANDFARM EMPLOYEE: <u>Gary Kellum</u>      |                | NOTES: |     |      |                      |      |       |                  |
| PAINT FILTER TEST <u>2</u> |                                       | Certification of above receipt & placement |                |        |     |      |                      |      |       |                  |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. TRIPLE F Const NAME Manuel Alon SIGNATURE Manuel Alon  
COMPANY CONTACT Fidel Flores PHONE 496-1988 DATE 8/27/14

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## Bill of Lading

MANIFEST # 48246

DATE 8-27-14 JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

|                          |                    |                       |
|--------------------------|--------------------|-----------------------|
| TRANSPORTER CO. Double J | NAME Jake Loyd     | SIGNATURE [Signature] |
| COMPANY CONTACT Double J | PHONE 920-739-6732 | DATE 8-27-14          |

**Signatures required prior to distribution of the legal document.**

White - Company Records, Yellow - Billing, Pink - Customer

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# Bill of Lading

MANIFEST # 48247DATE 8-27-14 JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO.          | COMPLETE DESCRIPTION OF SHIPMENT |             |                                            |      |        |      | TRANSPORTING COMPANY |      |       |                  |
|-------------------|----------------------------------|-------------|--------------------------------------------|------|--------|------|----------------------|------|-------|------------------|
|                   | POINT OF ORIGIN                  | DESTINATION | MATERIAL                                   | GRID | YDS    | BBLs | COMPANY              | TRK# | TIME  | DRIVER SIGNATURE |
| 1                 | CET Horse<br>Shoe with 16"       | LFI-4       | CON +<br>SO. L                             | A-4  | 18     | -    | BWST                 | 15   | 1115  | Yogi Chavez      |
| 2                 | " " "                            | "           | "                                          | A-4  | 18     | -    | BWST                 | 25   | 1128  | Bill Bailey      |
| 3                 | " " "                            | "           | "                                          | A-4  | 18     | -    | BWST                 | 24   | 1128  | Yogi Chavez      |
| 4                 | " " "                            | "           | "                                          | B-1  | 18     | -    | "                    | 15   | 15:10 | Yogi Chavez      |
| 5                 | " " "                            | "           | "                                          | A-1  | 18     | -    | "                    | 25   | 16:00 | Bill Bailey      |
| 6                 | " " "                            | "           | "                                          | A-1  | 18     | -    | "                    | 24   | 16:00 | Yogi Chavez      |
|                   |                                  |             |                                            |      | 108    |      |                      |      |       |                  |
| RESULTS:          |                                  |             |                                            |      |        |      |                      |      |       |                  |
| CHLORIDE TEST     |                                  | 1/1         | LANDFARM EMPLOYEE: Yogi Robinson           |      | NOTES: |      |                      |      |       |                  |
| PAINT FILTER TEST |                                  | 2           | Certification of above receipt & placement |      |        |      |                      |      |       |                  |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Barleys Welding NAME Yogi CHAVEZ SIGNATURE Yogi Chavez  
COMPANY CONTACT \_\_\_\_\_ PHONE \_\_\_\_\_ DATE \_\_\_\_\_

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**envirotech**

## Bill of Lading

MANIFEST # 48271

DATE 8-25-14 JOB # 14038-0005

**PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401**

[illegible]

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. HARWIN CREDIT SERVICES NAME LOREN L. HARRIS SIGNATURE [Signature]

COMPANY CONTACT \_\_\_\_\_ PHONE \_\_\_\_\_ DATE \_\_\_\_\_

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White - Company Records, Yellow - Billing, Pink - Customer

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# Bill of Lading

MANIFEST # 48272DATE 8-28-14JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO. | COMPLETE DESCRIPTION OF SHIPMENT  |             |                                            |        |     |      | TRANSPORTING COMPANY |      |       |                  |    |
|----------|-----------------------------------|-------------|--------------------------------------------|--------|-----|------|----------------------|------|-------|------------------|----|
|          | POINT OF ORIGIN                   | DESTINATION | MATERIAL                                   | GRID   | YDS | BBLs | COMPANY              | TRK# | TIME  | DRIVER SIGNATURE |    |
| 1        | CCT Horse shoe<br>Gravel with 16" | LFI-4       | cont<br>soil                               | A-4    | 18  | -    | Barleys<br>Welding   | 15   | 12:00 | Log Chavez       |    |
| 2        | LI PIPELINE                       | "           | "                                          | E-1    | 18  | -    | "                    | 24   | 12:05 | Bill Bailey      |    |
| 3        | "                                 | "           | "                                          | E-1    | 18  | -    | "                    | 25   | 12:20 | Bill Bailey      |    |
| 4        | "                                 | "           | "                                          | B-1    | 18  | -    | "                    | 15   | 16:10 | Log Chavez       |    |
| 5        | "                                 | "           | "                                          | B-1    | 18  | -    | "                    | 24   | 16:55 | Bill Bailey      |    |
| 6        | "                                 | "           | "                                          | B-1    | 18  | -    | "                    | 25   | 16:55 | Bill Bailey      |    |
|          |                                   |             |                                            |        | 108 |      |                      |      |       |                  |    |
| RESULTS: |                                   | LANDFARM    |                                            | NOTES: |     |      |                      |      |       |                  |    |
| 4287     | CHLORIDE TEST                     | 2           | EMPLOYEE:                                  |        |     |      |                      |      |       |                  | EL |
|          | PAINT FILTER TEST                 | 2           | Certification of above receipt & placement |        |     |      |                      |      |       |                  |    |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Barleys WeldingNAME Log CHAVEZSIGNATURE Log Chavez

COMPANY CONTACT

PHONE

DATE

Signatures required prior to distribution of the legal document.

White - Company Records, Yellow - Billing, Pink - Customer





# Bill of Lading

MANIFEST # 48273DATE 8-28-14 JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO.       | COMPLETE DESCRIPTION OF SHIPMENT |                    |                                            |            |            |          | TRANSPORTING COMPANY |           |              |                     |
|----------------|----------------------------------|--------------------|--------------------------------------------|------------|------------|----------|----------------------|-----------|--------------|---------------------|
|                | POINT OF ORIGIN                  | DESTINATION        | MATERIAL                                   | GRID       | YDS        | BBLs     | COMPANY              | TRK#      | TIME         | DRIVER SIGNATURE    |
| <u>1</u>       | <u>CCI HORSESHOE</u>             | <u>LFB-4</u>       | <u>cont</u>                                | <u>B-4</u> | <u>18</u>  | <u>-</u> | <u>Triple FFF</u>    | <u>5</u>  | <u>12:00</u> | <u>Troy Hammett</u> |
| <u>2</u>       | <u>Gallup with 16" RBC</u>       | <u>"</u>           | <u>Soil</u>                                | <u>B-4</u> | <u>12</u>  | <u>-</u> | <u>"</u>             | <u>3</u>  | <u>12:00</u> | <u>Man Chen</u>     |
| <u>3</u>       | <u>"</u>                         | <u>"</u>           | <u>"</u>                                   | <u>B-4</u> | <u>12</u>  | <u>-</u> | <u>"</u>             | <u>71</u> | <u>12:00</u> | <u>Ruben Lopez</u>  |
| <u>4</u>       | <u>"</u>                         | <u>"</u>           | <u>"</u>                                   | <u>B-4</u> | <u>18</u>  | <u>-</u> | <u>"</u>             | <u>33</u> | <u>12:00</u> | <u>El. Herrera</u>  |
| <u>5</u>       | <u>"</u>                         | <u>"</u>           | <u>"</u>                                   | <u>A-1</u> | <u>12</u>  | <u>-</u> | <u>"</u>             | <u>3</u>  | <u>15:50</u> | <u>Man Chen</u>     |
| <u>6</u>       | <u>"</u>                         | <u>"</u>           | <u>"</u>                                   | <u>E-2</u> | <u>18</u>  | <u>-</u> | <u>"</u>             | <u>05</u> | <u>16:00</u> | <u>Troy Hammett</u> |
| <u>7</u>       | <u>"</u>                         | <u>"</u>           | <u>"</u>                                   | <u>E-2</u> | <u>12</u>  | <u>-</u> | <u>"</u>             | <u>71</u> | <u>16:00</u> | <u>Ruben Lopez</u>  |
| <u>8</u>       | <u>"</u>                         | <u>"</u>           | <u>"</u>                                   | <u>E-2</u> | <u>18</u>  | <u>-</u> | <u>"</u>             | <u>33</u> | <u>16:05</u> | <u>El. Herrera</u>  |
|                |                                  |                    |                                            |            | <u>120</u> |          |                      |           |              |                     |
| RESULTS:       |                                  | LANDFARM EMPLOYEE: |                                            | NOTES:     |            |          |                      |           |              |                     |
| <u>&lt;287</u> | CHLORIDE TEST                    | <u>2</u>           | <u>David Lopez</u> <u>EL</u>               |            |            |          |                      |           |              |                     |
|                | PAINT FILTER TEST                | <u>2</u>           |                                            |            |            |          |                      |           |              |                     |
|                |                                  |                    | Certification of above receipt & placement |            |            |          |                      |           |              |                     |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Triple F Const. NAME Troy Hammett SIGNATURE Troy Hammett  
COMPANY CONTACT Fred Flores PHONE 505-486-1998 DATE 8-28-14

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White - Company Records, Yellow - Billing, Pink - Customer

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# Bill of Lading

MANIFEST # 48274DATE 8-28-14 JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO. | COMPLETE DESCRIPTION OF SHIPMENT |             |                                            |      |             |      | TRANSPORTING COMPANY |       |       |                  |
|----------|----------------------------------|-------------|--------------------------------------------|------|-------------|------|----------------------|-------|-------|------------------|
|          | POINT OF ORIGIN                  | DESTINATION | MATERIAL                                   | GRID | YDS         | BBLs | COMPANY              | TRK#  | TIME  | DRIVER SIGNATURE |
| 1        | CCI HORS SHOEGROUP               | CFB-4       | CONT SOL                                   | A-4  | 18          | -    | WESMINUCHO           | 03092 | 12:00 | Raul Galarza     |
| 2        | "                                | "           | "                                          | A-4  | 12          | -    | "                    | 03109 | 12:05 | Dan H            |
| 3        | "                                | "           | "                                          | A-1  | 18          | -    | "                    | 03092 | 16:05 | Raul Galarza     |
| 4        | "                                | "           | "                                          | A-1  | 12          | -    | "                    | 03109 | 16:05 | Dan H            |
|          |                                  |             |                                            |      | <u>60</u>   |      |                      |       |       |                  |
| RESULTS: |                                  |             |                                            |      |             |      | NOTES:               |       |       |                  |
| <287     | CHLORIDE TEST                    | 1           | LANDFARM EMPLOYEE:                         |      | [Signature] |      |                      |       |       |                  |
|          | PAINT FILTER TEST                | 1           | Certification of above receipt & placement |      |             |      |                      |       |       |                  |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. WESMINUCHO CONSL NAME Raul Galarza SIGNATURE Raul Galarza  
COMPANY CONTACT Elonny PHONE 970-245-1237 DATE 8/28/14

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## Bill of Lading

MANIFEST # **48276**

DATE 8-28-14 JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO.          | COMPLETE DESCRIPTION OF SHIPMENT          |                       |                |                                            |     |      | TRANSPORTING COMPANY |      |       |                  |
|-------------------|-------------------------------------------|-----------------------|----------------|--------------------------------------------|-----|------|----------------------|------|-------|------------------|
|                   | POINT OF ORIGIN                           | DESTINATION           | MATERIAL       | GRID                                       | YDS | BBLs | COMPANY              | TRK# | TIME  | DRIVER SIGNATURE |
| 1                 | CCF Horse Shoe Camp<br>with 16" pipe line | LFD-4                 | cont<br>soil   | A-4                                        | 18  | -    | DOUBLE<br>JJ         | 772  | 12:15 | [Signature]      |
| 2                 | "                                         | "                     | "              | A-1                                        | 18  | -    | "                    | 772  | 17:00 | [Signature]      |
|                   |                                           |                       |                |                                            | 36  |      |                      |      |       |                  |
|                   |                                           |                       |                |                                            |     |      |                      |      |       |                  |
|                   |                                           |                       |                |                                            |     |      |                      |      |       |                  |
|                   |                                           |                       |                |                                            |     |      |                      |      |       |                  |
|                   |                                           |                       |                |                                            |     |      |                      |      |       |                  |
|                   |                                           |                       |                |                                            |     |      |                      |      |       |                  |
|                   |                                           |                       |                |                                            |     |      |                      |      |       |                  |
|                   |                                           |                       |                |                                            |     |      |                      |      |       |                  |
|                   |                                           |                       |                |                                            |     |      |                      |      |       |                  |
|                   |                                           |                       |                |                                            |     |      |                      |      |       |                  |
|                   |                                           |                       |                |                                            |     |      |                      |      |       |                  |
|                   |                                           |                       |                |                                            |     |      |                      |      |       |                  |
|                   |                                           |                       |                |                                            |     |      |                      |      |       |                  |
|                   |                                           |                       |                |                                            |     |      |                      |      |       |                  |
|                   |                                           |                       |                |                                            |     |      |                      |      |       |                  |
|                   |                                           |                       |                |                                            |     |      |                      |      |       |                  |
| RESULTS:          |                                           | LANDFARM<br>EMPLOYEE: | [Signature] EL | NOTES:                                     |     |      |                      |      |       |                  |
| CHLORIDE TEST     | 1                                         |                       |                |                                            |     |      |                      |      |       |                  |
| PAINT FILTER TEST |                                           | 1                     |                | Certification of above receipt & placement |     |      |                      |      |       |                  |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Double J Trucking

NAME Jack Lloyd

SIGNATURE 

COMPANY CONTACT Jeremy Loyd

PHONE 970-739-6132

DATE 18-28-17

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## Bill of Lading

MANIFEST # 48295

DATE 8/24/14

JOB # 14034-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Huetner DeWitt & Sons NAME Roger L Huetner DRIVER'S LICENSE NO. 00000000000000000000

COMPANY CONTACT \_\_\_\_\_ PHONE (760) 892-1111 DATE 11/11/2011

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Haelma Certification NAME Regis L Haelma SIGNATURE Regis L  
COMPANY CONTACT \_\_\_\_\_ PHONE \_\_\_\_\_ DATE \_\_\_\_\_

*Signatures required prior to distribution of the legal document.*





MANIFEST # 48296

DATE 8/22/14 JOB # 14038-0005

| LOAD NO. | COMPLETE DESCRIPTION OF SHIPMENT |                                     |                                            |      |     |        | TRANSPORTING COMPANY   |        |      |                  |
|----------|----------------------------------|-------------------------------------|--------------------------------------------|------|-----|--------|------------------------|--------|------|------------------|
|          | POINT OF ORIGIN                  | DESTINATION                         | MATERIAL                                   | GRID | YDS | BBLs   | COMPANY                | TRK#   | TIME | DRIVER SIGNATURE |
| 1        | CSI<br>Horseshoe gully - Andy    | RF 2-4                              | Cont. Soil                                 | B-4  | 12  | -      | Ralph<br>Ince m Thuche | 03-104 | 959  | Dean Han         |
| 2        | 16" pipeline                     | "                                   | "                                          | B-4  | 12  | -      | "                      | 98004  | 1007 | A. W. 24         |
| 3        | "                                | "                                   | "                                          | D-3  | 12  | -      | "                      | 03100  | 130  | Dean H           |
| 4        | "                                | "                                   | "                                          | D-3  | 12  | -      | "                      | 98004  | 130  | A. W. 24         |
|          |                                  |                                     |                                            |      | 48  |        |                        |        |      |                  |
|          |                                  |                                     |                                            |      |     |        |                        |        |      |                  |
|          |                                  |                                     |                                            |      |     |        |                        |        |      |                  |
|          |                                  |                                     |                                            |      |     |        |                        |        |      |                  |
|          |                                  |                                     |                                            |      |     |        |                        |        |      |                  |
|          |                                  |                                     |                                            |      |     |        |                        |        |      |                  |
|          |                                  |                                     |                                            |      |     |        |                        |        |      |                  |
|          |                                  |                                     |                                            |      |     |        |                        |        |      |                  |
|          |                                  |                                     |                                            |      |     |        |                        |        |      |                  |
|          |                                  |                                     |                                            |      |     |        |                        |        |      |                  |
|          |                                  |                                     |                                            |      |     |        |                        |        |      |                  |
|          |                                  |                                     |                                            |      |     |        |                        |        |      |                  |
| RESULTS: |                                  | LANDFARM<br>EMPLOYEE: Dean Robinson | EL                                         |      |     | NOTES: |                        |        |      |                  |
| 4287     | CHLORIDE TEST                    |                                     |                                            |      |     |        |                        |        |      |                  |
|          | PAINT FILTER TEST                | 1                                   | Certification of above receipt & placement |      |     |        |                        |        |      |                  |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO.

NAME DARWIN HUNSE

**SIGNATURE**

## COMPANY CONTACT

PHONE 950-565-7430

DATE 08-29-14

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MANIFEST # **48297**

DATE 8/29/14

JOB # 141038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Bailey's Welding NAME JOSE CHAVEZ SIGNATURE Jose Chavez

COMPANY CONTACT \_\_\_\_\_ PHONE \_\_\_\_\_ DATE \_\_\_\_\_

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with, I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. *Bailen's Welding*

NAME \_\_\_\_\_

been added or mixed into the lo  
Y. G. CHAVEZ

**SIGNATURE**

Yos. Chavez

## COMPANY CONTACT

**PHONE**

DATE \_\_\_\_\_

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**White - Company Records, Yellow - Billing, Pink - Customer**

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# Bill of Lading

MANIFEST # **48298**DATE **8/29/14** JOB # **14038-0005**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO.    | COMPLETE DESCRIPTION OF SHIPMENT |             |                                            |               |            |        | TRANSPORTING COMPANY |      |      |                  |
|-------------|----------------------------------|-------------|--------------------------------------------|---------------|------------|--------|----------------------|------|------|------------------|
|             | POINT OF ORIGIN                  | DESTINATION | MATERIAL                                   | GRID          | YDS        | BBLs   | COMPANY              | TRK# | TIME | DRIVER SIGNATURE |
| 1           | ECI<br>Horse Shoe Gully Arroyo   | LF 2-4      | Cont.<br>Sol                               | B-4           | 12         | /      | FFF                  | 3    | 1004 | Manuel A.        |
| 2           | 16" Pipeline                     | "           | "                                          | C-4           | 18         | /      | FFF                  | 05   | 1004 | Teresa J. Smith  |
| 3           | "                                | "           | "                                          | C-4           | 18         | /      | FFF                  | 31   | 1004 | Ed. J. Jarama    |
| 4           | "                                | "           | "                                          | C-4           | 18         | /      | FFF                  | 33   | 1012 | Ed. J. Jarama    |
| 5           | "                                | "           | "                                          | C-2           | 18         | /      | FFF                  | 31   | 224  | Ed. J. Jarama    |
| 6           | "                                | "           | "                                          | C-2           | 18         | /      | FFF                  | 05   | 333  | Teresa J. Smith  |
| 7           | "                                | "           | "                                          | C-2           | 12         | /      | FFF                  | 03   | 334  | Manuel A.        |
| 8           | "                                | "           | "                                          | C-2           | 18         | /      | FFF                  | 33   | 335  | Ed. J. Jarama    |
|             |                                  |             |                                            |               | <b>132</b> |        |                      |      |      |                  |
|             |                                  |             |                                            |               |            |        |                      |      |      |                  |
|             |                                  |             |                                            |               |            |        |                      |      |      |                  |
|             |                                  |             |                                            |               |            |        |                      |      |      |                  |
|             |                                  |             |                                            |               |            |        |                      |      |      |                  |
| RESULTS:    |                                  | LANDFARM    |                                            | EL            |            | NOTES: |                      |      |      |                  |
| <b>4287</b> | CHLORIDE TEST                    | <b>2</b>    | EMPLOYEE:                                  | Drew Robinson |            |        |                      |      |      |                  |
|             | PAINT FILTER TEST                | <b>2</b>    | Certification of above receipt & placement |               |            |        |                      |      |      |                  |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. **TRIPLE F** NAME **Manuel A.** SIGNATURE **Manuel A.**  
COMPANY CONTACT **Fidel Flores** PHONE **496-1995** DATE **8/29/14**

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## Bill of Lading

DATE 8/29/14

JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

NAME Jake Lloyd

**SIGNATURE**

COMPANY CONTACT Jeremy Lloyd

PHONE 970-739-6732

DATE 8-29-14

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## Bill of Lading

DATE 9-2-14

JOB # 14038-0025

**PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401**

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

NAME Kory L. Heitz

**SIGNATURE**

## COMPANY CONTACT

**PHONE**

DATE \_\_\_\_\_

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# Bill of Lading

MANIFEST # **48354**DATE **9-2-14** JOB # **14038-0005**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO.    | COMPLETE DESCRIPTION OF SHIPMENT |             |                                                   |      |            |        | TRANSPORTING COMPANY |      |      |                        |
|-------------|----------------------------------|-------------|---------------------------------------------------|------|------------|--------|----------------------|------|------|------------------------|
|             | POINT OF ORIGIN                  | DESTINATION | MATERIAL                                          | GRID | YDS        | BBLs   | COMPANY              | TRK# | TIME | DRIVER SIGNATURE       |
| 1           | CCI Horseshoe<br>Callup Ranch    | LFI-4       | CONC<br>SOIL                                      | D3   | 18         | -      | BWSI                 | 15   | 1020 | Gog Chavez             |
| 2           | 16" Pipeline                     | "           | "                                                 | D3   | 18         | -      | BWSI                 | 24   | 1031 | <del>Bill Bailey</del> |
| 3           | "                                | "           | "                                                 | D3   | 18         | -      | BWSI                 | 25   | 1033 | <del>Bill Bailey</del> |
| 4           | "                                | "           | "                                                 | D3   | 18         | -      | BWSI                 | 15   | 1443 | Gog Chavez             |
| 5           | "                                | "           | "                                                 | D3   | 18         | -      | BWSI                 | 24   | 1605 | <del>Bill Bailey</del> |
| 6           | "                                | "           | "                                                 | D3   | 18         | -      | BWSI                 | 25   | 1605 | Bill Bailey            |
|             |                                  |             |                                                   |      | <u>108</u> |        |                      |      |      |                        |
| RESULTS:    |                                  |             | LANDFARM EMPLOYEE: <b>Gary Robinson</b> <b>EL</b> |      |            | NOTES: |                      |      |      |                        |
| <b>L287</b> | CHLORIDE TEST                    | <b>2</b>    | Certification of above receipt & placement        |      |            |        |                      |      |      |                        |
|             | PAINT FILTER TEST                | <b>2</b>    |                                                   |      |            |        |                      |      |      |                        |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. **Barleys Welding**NAME **Gog Chavez**SIGNATURE **Gog Chavez**

COMPANY CONTACT

PHONE

DATE

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**envirotech**

## Bill of Lading

MANIFEST # 48355

DATE 9-2-14 JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Double J Trucking NAME Jake Loyd SIGNATURE *[Signature]*  
COMPANY CONTACT Jeremy Loyd PHONE 970-739-6732 DATE 9-2-14

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# Bill of Lading

MANIFEST # **48356**DATE **9.2.14** JOB # **14038-0005**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO.       | COMPLETE DESCRIPTION OF SHIPMENT |                    |                                                                    |        |            |      | TRANSPORTING COMPANY |      |       |                  |
|----------------|----------------------------------|--------------------|--------------------------------------------------------------------|--------|------------|------|----------------------|------|-------|------------------|
|                | POINT OF ORIGIN                  | DESTINATION        | MATERIAL                                                           | GRID   | YDS        | BBLs | COMPANY              | TRK# | TIME  | DRIVER SIGNATURE |
| 1              | CCI Horse Shoe Gulch             | LFII-4             | CON T SOIL                                                         | B3     | 12         | -    | Triple F             | 3    | 1034  | Manuel           |
| 2              | AN with 16" pipeline             | "                  | "                                                                  | B3     | 14         | -    | "                    | 33   | 1034  | El. Hansen       |
| 3              | "                                | "                  | "                                                                  | B3     | 16         | -    | "                    | 05   | 1034  | Travis Smith     |
| 4              | "                                | "                  | "                                                                  | B3     | 18         | -    | "                    | 31   | 1034  | off work         |
| 5              | "                                | "                  | "                                                                  | C3     | 18         | -    | "                    | 33   | 14:38 | El. Hansen       |
| 6              | "                                | "                  | "                                                                  | C3     | 12         | -    | "                    | 3    | 14:40 | Manuel           |
| 7              | "                                | "                  | "                                                                  | C3     | 18         | -    | "                    | 31   | 14:40 | off work         |
| 8              | "                                | "                  | "                                                                  | C3     | 18         | -    | "                    | 05   | 14:42 | Travis Smith     |
|                |                                  |                    |                                                                    |        | <b>132</b> |      |                      |      |       |                  |
| RESULTS:       |                                  | LANDFARM EMPLOYEE: |                                                                    | NOTES: |            |      |                      |      |       |                  |
| <b>&lt;287</b> | CHLORIDE TEST                    | <b>2</b>           | <b>Gary Robinson</b><br>Certification of above receipt & placement |        |            |      |                      |      |       |                  |
|                | PAINT FILTER TEST                | <b>2</b>           |                                                                    |        |            |      |                      |      |       |                  |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. **TRIPLE F** NAME **Manuel Alcaraz** SIGNATURE **MA**  
COMPANY CONTACT **F. del Rio** PHONE **486-1998** DATE

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## Bill of Lading

MANIFEST # 48373  
DATE 9.3.14 JOB # 14038-0005

**PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401**

| LOAD NO.                            | COMPLETE DESCRIPTION OF SHIPMENT |             |            |                                                                                                                                                                                                  |           |      | TRANSPORTING COMPANY |       |      |                  |  |  |  |  |  |  |
|-------------------------------------|----------------------------------|-------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|----------------------|-------|------|------------------|--|--|--|--|--|--|
|                                     | POINT OF ORIGIN                  | DESTINATION | MATERIAL   | GRID                                                                                                                                                                                             | YDS       | BBLs | COMPANY              | TRK#  | TIME | DRIVER SIGNATURE |  |  |  |  |  |  |
| 1                                   | CCT Horse Shoe Gallup            | LFII-4      | CON'T SOIL | B-4                                                                                                                                                                                              | 12        | -    | WCA                  | 98004 | 9/4  | A-M              |  |  |  |  |  |  |
| 2                                   | PVith "                          | "           | "          | D-4                                                                                                                                                                                              | 12        | -    | UCA                  | 98004 | 12/4 | A-M              |  |  |  |  |  |  |
|                                     |                                  |             |            |                                                                                                                                                                                                  | <u>24</u> |      |                      |       |      |                  |  |  |  |  |  |  |
|                                     |                                  |             |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |
|                                     |                                  |             |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |
|                                     |                                  |             |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |
|                                     |                                  |             |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |
|                                     |                                  |             |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |
|                                     |                                  |             |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |
|                                     |                                  |             |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |
|                                     |                                  |             |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |
|                                     |                                  |             |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |
|                                     |                                  |             |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |
|                                     |                                  |             |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |
|                                     |                                  |             |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |
|                                     |                                  |             |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |
|                                     |                                  |             |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |
| <b>RESULTS:</b>                     |                                  |             |            | <b>NOTES:</b><br><div style="text-align: center;"> <p>Landfarm Employee: <u>Gary Robinson</u> <span style="color:red">EL</span></p> <p>Certification of above receipt &amp; placement</p> </div> |           |      |                      |       |      |                  |  |  |  |  |  |  |
| <span style="color:red">L287</span> | CHLORIDE TEST                    | 1           |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |
|                                     | PAINT FILTER TEST                | 1           |            |                                                                                                                                                                                                  |           |      |                      |       |      |                  |  |  |  |  |  |  |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

|                                                |                           |                              |
|------------------------------------------------|---------------------------|------------------------------|
| TRANSPORTER CO. <u>Wannamaker Construction</u> | NAME <u>Andy A. Post</u>  | SIGNATURE <u>[Signature]</u> |
| COMPANY CONTACT <u>Dean Owen</u>               | PHONE <u>710 565 7430</u> | DATE <u>9-3-14</u>           |

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ISBN 978-0-203-01040-0





# Bill of Lading

MANIFEST # **48379**

DATE 9-3-16 JOB # 14034-0205

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Hartman White Saw

NAME \_\_\_\_\_

**SIGNATURE**

## COMPANY CONTACT

**PHONE**

DATE \_\_\_\_\_

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# Bill of Lading

MANIFEST # **48380**DATE **9.3.14** JOB # **14038-0005**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO.       | COMPLETE DESCRIPTION OF SHIPMENT |                       |              |                                            |            |      | TRANSPORTING COMPANY |      |       |                         |
|----------------|----------------------------------|-----------------------|--------------|--------------------------------------------|------------|------|----------------------|------|-------|-------------------------|
|                | POINT OF ORIGIN                  | DESTINATION           | MATERIAL     | GRID                                       | YDS        | BBLs | COMPANY              | TRK# | TIME  | DRIVER SIGNATURE        |
| 1              | CCI Horse<br>Shed - Gallup       | LFT. 4                | CONT<br>SOIL | B-4                                        | 18         | -    | Tripple F            | 05   | 10:52 | Troy Hamilton           |
| 2              | AN with 16" Pipeline             | "                     | "            | B-4                                        | 12         | -    | Tripple F            | 3    | 10:57 | Man O' War              |
| 3              | "                                | "                     | "            | B-4                                        | 18         | -    | "                    | 33   | 11:03 | El Hengue               |
| 4              | "                                | "                     | "            | E 4                                        | 18         | -    | "                    | 05   | 15:02 | Troy Hamilton           |
| 5              | "                                | "                     | "            | E 4                                        | 12         | -    | "                    | 71   | "     | PER Roban<br>MISS Bryce |
| 6              | "                                | "                     | "            | E 4                                        | 12         | -    | "                    | 3    | 15:06 | Man O' War              |
| 7              | "                                | "                     | "            | E 4                                        | 18         | -    | "                    | 33   | 15:07 | El Hengue               |
| 8              | "                                | "                     | "            | E 4                                        | 12         | -    | "                    | 71   | 15:08 | Roban Clark             |
|                |                                  |                       |              |                                            | <u>120</u> |      |                      |      |       |                         |
| RESULTS:       |                                  | LANDFARM<br>EMPLOYEE: |              | Certification of above receipt & placement |            |      | NOTES:               |      |       |                         |
| <b>&lt;287</b> | CHLORIDE TEST                    | <b>2</b>              |              |                                            |            |      |                      |      |       |                         |
|                | PAINT FILTER TEST                | <b>2</b>              |              |                                            |            |      |                      |      |       |                         |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. **Tripple F Const.** NAME **Troy Hamilton** SIGNATURE **Troy Hamilton**  
COMPANY CONTACT **Fred Floer** PHONE **505-486-1998** DATE **9-3-14**

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MANIFEST # 48381

DATE 9-3-19

JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with, I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. *DWS*

NAME 9021 CHAVEZ

SIGNATURE [Signature]

## COMPANY CONTACT

**PHONE**

DATE 9-3-79

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MANIFEST # 48408

DATE 9.4.14 JOB # 14038-0005

[illegible]

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

|                                                  |                           |                              |
|--------------------------------------------------|---------------------------|------------------------------|
| TRANSPORTER CO. <i>Amelma Consulting Service</i> | NAME <i>Kepi L. Myles</i> | SIGNATURE <i>[Signature]</i> |
| COMPANY CONTACT                                  | PHONE                     | DATE                         |

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# Bill of Lading

MANIFEST # 48409DATE 9-4-14 JOB # 14039-1005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO. | COMPLETE DESCRIPTION OF SHIPMENT |                    |               |                                            |     |      | TRANSPORTING COMPANY |      |       |                  |  |
|----------|----------------------------------|--------------------|---------------|--------------------------------------------|-----|------|----------------------|------|-------|------------------|--|
|          | POINT OF ORIGIN                  | DESTINATION        | MATERIAL      | GRID                                       | YDS | BBLs | COMPANY              | TRK# | TIME  | DRIVER SIGNATURE |  |
| 1        | CCI Horse Shoe Gallop            | LFII-4             | CON'T SOIL    | D-1                                        | 18  |      | Triple F             | 05   | 10:00 | Troy Hamilton    |  |
| 2        | Ar with 16" Pipeline             | "                  | "             | D-1                                        | 18  |      | "                    | 33   | 10:17 | Ed. Herrera      |  |
| 3        | "                                | "                  | "             | D-1                                        | 12  |      | "                    | 71   | 10:18 | Ruben Chavez     |  |
| 4        | "                                | "                  | "             | E-1                                        | 18  |      | "                    | 05   | 14:21 | Troy Hamilton    |  |
| 5        | "                                | "                  | "             | E-1                                        | 18  |      | "                    | 33   | 14:22 | Ed. Herrera      |  |
| 6        | "                                | "                  | "             | E-1                                        | 12  |      | "                    | 71   | 14:29 | Ruben Chavez     |  |
|          |                                  |                    |               |                                            | 96  |      |                      |      |       |                  |  |
| RESULTS: |                                  | LANDFARM EMPLOYEE: |               | NOTES:                                     |     |      |                      |      |       |                  |  |
| 4287     | CHLORIDE TEST                    | 2                  | Gary Robinson |                                            |     |      |                      |      |       |                  |  |
|          | PAINT FILTER TEST                | 2                  |               |                                            |     |      |                      |      |       |                  |  |
|          |                                  |                    |               | Certification of above receipt & placement |     |      |                      |      |       |                  |  |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Triple F Const. NAME Troy Hamilton SIGNATURE Troy Hamilton  
COMPANY CONTACT Fredel Flores PHONE 505-486-1998 DATE 9-4-14

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## Bill of Lading

MANIFEST # 48410

DATE 9-4-14 JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Double J NAME Jack Loyd SIGNATURE [Signature]  
COMPANY CONTACT Jeremy Loyd PHONE 970-734-6732 DATE 9-3-14  
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# Bill of Lading

MANIFEST # 48411DATE 9.4.14 JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO.   | COMPLETE DESCRIPTION OF SHIPMENT |             |                                                     |      |           |        | TRANSPORTING COMPANY |      |       |                    |
|------------|----------------------------------|-------------|-----------------------------------------------------|------|-----------|--------|----------------------|------|-------|--------------------|
|            | POINT OF ORIGIN                  | DESTINATION | MATERIAL                                            | GRID | YDS       | BBLs   | COMPANY              | TRK# | TIME  | DRIVER SIGNATURE   |
| 1          | CEI Horse Shoe Gallup            | LFII-4      | Cont SOIL                                           | D-1  | 18        | -      | BWSI                 | 24   | 10:19 | <i>[Signature]</i> |
| 2          | Amith 16" Pipeline               | "           | "                                                   | D-1  | 18        | -      | BWSI                 | 15   | 10:21 | <i>[Signature]</i> |
| 3          | "                                | "           | "                                                   | E-1  | 18        | -      | BWSI                 | 24   | 1500  | <i>[Signature]</i> |
| 4          | "                                | "           | "                                                   | E-1  | 18        | -      | BWSI                 | 15   | 1500  | <i>[Signature]</i> |
|            |                                  |             |                                                     |      | <u>72</u> |        |                      |      |       |                    |
| RESULTS:   |                                  |             | LANDFARM EMPLOYEE: <i>[Signature]</i> <sup>EL</sup> |      |           | NOTES: |                      |      |       |                    |
| <u>267</u> | CHLORIDE TEST                    | 1           | Certification of above receipt & placement          |      |           |        |                      |      |       |                    |
|            | PAINT FILTER TEST                | 1           |                                                     |      |           |        |                      |      |       |                    |

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. BWSI NAME Melvin Trujillo SIGNATURE *[Signature]*  
COMPANY CONTACT \_\_\_\_\_ PHONE \_\_\_\_\_ DATE 9.4.14

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## Bill of Lading

MANIFEST # **48434**

DATE 9.5.14 JOB # 14038-0005

**PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401**

[illegible]

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Hartman Outfitting Service NAME Roy L. Hartman SIGNATURE Roy L. Hartman  
COMPANY CONTACT Baileys (Bill) PHONE 9-574 DATE 9-5-74

**Signatures required prior to distribution of the legal document.**

White - Company Records, Yellow - Billing, Pink - Customer





## Bill of Lading

MANIFEST # 48435

DATE 9.5.14

JOB # 121038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD NO. | COMPLETE DESCRIPTION OF SHIPMENT |                                 |                                            |      |     |                                   | TRANSPORTING COMPANY |      |       |                  |
|----------|----------------------------------|---------------------------------|--------------------------------------------|------|-----|-----------------------------------|----------------------|------|-------|------------------|
|          | POINT OF ORIGIN                  | DESTINATION                     | MATERIAL                                   | GRID | YDS | BBLs                              | COMPANY              | TRK# | TIME  | DRIVER SIGNATURE |
| 1        | CCT Horse shoe Gully             | 2F II. 4                        | cont. 50. L                                | F5   | 18  | -                                 | FFF                  | 05   | 9:55  | Tungus Hemmet    |
| 2        | AN 12x16" prelieve               | "                               | "                                          | F5   | 18  | -                                 | Triple F.            | 33   | 10:11 | EL. Herrera      |
| 3        | "                                | "                               | "                                          | F5   | 12  | -                                 | Triple F             | 71   | 1352  | Ruben Chaz       |
| 4        | "                                | "                               | "                                          | F5   | 18  | -                                 | Triple F             | 05   | 14:22 | Tungus Hemmet    |
| 5        | "                                | "                               | "                                          | F5   | 18  | -                                 | Triple F             | 33   | 14:24 | EL. Herrera      |
|          |                                  |                                 |                                            |      | 84  |                                   |                      |      |       |                  |
|          |                                  |                                 |                                            |      |     |                                   |                      |      |       |                  |
|          |                                  |                                 |                                            |      |     |                                   |                      |      |       |                  |
|          |                                  |                                 |                                            |      |     |                                   |                      |      |       |                  |
|          |                                  |                                 |                                            |      |     |                                   |                      |      |       |                  |
|          |                                  |                                 |                                            |      |     |                                   |                      |      |       |                  |
|          |                                  |                                 |                                            |      |     |                                   |                      |      |       |                  |
|          |                                  |                                 |                                            |      |     |                                   |                      |      |       |                  |
|          |                                  |                                 |                                            |      |     |                                   |                      |      |       |                  |
| RESULTS: |                                  | LANDFARM EMPLOYEE: Gary Johnson |                                            |      |     | NOTES: C1 test run on load 1 only |                      |      |       |                  |
| 2287     | CHLORIDE TEST                    | 1                               | Certification of above receipt & placement |      |     |                                   |                      |      |       |                  |
|          | PAINT FILTER TEST                | 1                               |                                            |      |     |                                   |                      |      |       |                  |

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TRANSPORTER CO. Triple F Const. NAME Troy Hamilton SIGNATURE Troy Hamilton  
COMPANY CONTACT Friedel R. R. 22 PHONE 505-486-1998 DATE 9-5-14

**Signatures required prior to distribution of the legal document.**

**White - Company Records. Yellow - Billing. Pink - Customer**





MANIFEST # 48438

DATE 9.5.14

JOB # 14038-0005

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TRANSPORTER CO. *Daillys Welding*

NAME Yog. Uthul

**SIGNATURE**

COMPANY CONTACT *Dill at Bailey's*

**PHONE**

DATE 7-5-14

*Signatures required prior to distribution of the legal document.*

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**envirotech**

## Bill of Lading

MANIFEST # 48448

DATE 9.5.14 JOB # 14038-0005

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

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TRANSPORTER CO. Double J Trucking NAME Jack Lloyd SIGNATURE [Signature]  
COMPANY CONTACT Jeremy Lloyd PHONE 970-739-6732 DATE 9-5-14

*Signatures required prior to distribution of the legal document.*

White - Company Records, Yellow - Billing, Pink - Customer