

Basin Environmental Service Technologies, LLC

3100 Plains Highway
P. O. Box 301
Lovington, New Mexico 88260

jwlowry@basinenv.com

Office: (575) 396-2378 Fax: (575) 396-1429



REMEDIATION SUMMARY & SITE CLOSURE REQUEST

SOUTHERN UNION GAS SERVICES

A-14 6" LINE (RP-1127)

HISTORICAL RELEASE SITE

Lea County, New Mexico

Unit Letter "B" (NW/NE), Section 7, Township 23 South, Range 34 East

Latitude 32° 19.563' North, Longitude 103° 30.334' West

NMOCD Reference # 1RP-1127

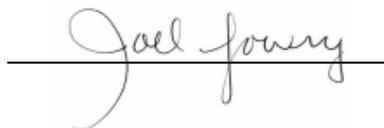
Prepared For:

Southern Union Gas Services
801 S. Loop 464
Monahans, TX 79756

Prepared By:

Basin Environmental Service Technologies, LLC
3100 Plains Highway
Lovington, New Mexico 88260

December 2014



Joel W. Lowry
Project Manager

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1.0 INTRODUCTION & BACKGROUND INFORMATION

Basin Environmental Service Technologies, LLC (Basin), on behalf of Southern Union Gas Services (Southern Union), has prepared this *Remediation Summary & Site Closure Request* for the release site known as A-14 6" Line Historical. The legal description of the release site is Unit Letter "B" (NW/NE), Section 7, Township 23 South, Range 34 East, in Lea County, New Mexico. The geographic coordinates of the release site are 32° 19.563' North latitude and 103° 30.334' West longitude. The property affected by the release is owned by the United States Department of the Interior - Bureau of Land Management (BLM). Please reference Figure 1 for a "Site Location Map".

On October 29, 2006, Southern Union discovered a release had occurred on the A-14 pipeline. Failure of a section of six-inch (6") low-pressure pipeline resulted in the release of approximately ninety (90) Mcf of natural gas and seven barrels (7 bbls) of crude oil. The release was reported to the New Mexico Oil Conservation Division (NMOCD) Hobbs District Office on November 18, 2006. The "Release Notification and Corrective Action Form" (Form C-141) indicated the release affected approximately one thousand square feet (1,000 ft²) of pasture land. General photographs of the release site are provided as Appendix A. The Form C-141 is provided as Appendix E.

Between December 22, 2006, and February 8, 2007, remediation activities were conducted at the release site by an environmental contractor that is no longer affiliated with the site. Analytical documentation suggests that at least a portion of the excavation was advanced to twenty-six and one-half (26.5') below ground surface (bgs). Confirmation soil samples collected from the floor and sidewalls of the excavation were not analyzed for concentrations of chloride. The previously excavated area was approximately fifty feet (50') in length, twenty feet (20') in width, and up to twenty-six and one-half feet (26.5') in depth. Table 1 summarizes the "Historical Concentrations of Benzene, BTEX, TPH & Chloride in Soil".

On June 22, 2012, Basin assumed remediation responsibilities at the A-14 6" Line Historical Release Site.

2.0 NMOCD SITE CLASSIFICATION

A search of the New Mexico Water Rights Reporting System (NMWRRS) database maintained by the New Mexico Office of the State Engineer (NMOSE) indicated information was unavailable for Section 7, Township 23 South, Range 34 East. An NMOCD representative indicated the depth to groundwater is approximately three hundred and twenty-nine feet (329') bgs on the initial C-141. Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.

A search of the NMWRRS database indicated there are no water wells within one thousand feet (1,000') of the release. Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.

There are no surface water bodies within one thousand feet (1,000') of the release. Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.

NMOCD guidelines indicate the A-14 6" Line Historical Release Site has an initial ranking score of zero (0) points. The soil remediation levels for a site with a ranking score of zero (0) points are as follows:

- Benzene – 10 mg/Kg (ppm)
- Benzene, toluene, ethylbenzene and xylene (BTEX) – 50 mg/Kg (ppm)
- Total petroleum hydrocarbons (TPH) – 5,000 mg/Kg (ppm)

The New Mexico Administrative Code (NMAC) does not currently specify a remediation level for chloride concentrations in soil. Chloride remediation levels are set by the NMOCD on a site-specific basis.

3.0 SUMMARY OF SOIL REMEDIATION ACTIVITIES

On December 19, 2012, Basin responded to the A-14 6" Historical Release Site. A drilling rig was dispatched to the location in an effort to collect discrete soil samples from the floor of the historical excavation at twenty-seven feet (27') bgs. Soil boring SB-1 was advanced in the northern portion of the previously excavated area. During the advancement of the soil bore, four (4) soil samples (SB-1 @ 5', SB-1 @ 15', SB-1 @ 25' and SB-1 @ 27') were collected and submitted to Xenco Laboratories Inc., of Odessa, Texas, for analysis of chloride concentrations. Laboratory analytical results indicated chloride concentrations ranged from 10.3 mg/Kg for soil sample SB-1 @ 25' to 67.4 mg/Kg for soil sample SB-1 @ 15'. Soil samples SB-1 @ 15' and SB-1 @ 27' were also analyzed for TPH concentrations which were determined to be less than the laboratory method detection limit (MDL) for both samples. Soil sample SB-1 @ 27' was also analyzed for BTEX concentrations, which were determined to be less than the laboratory MDL for each constituent. Table 2 summarizes the "Concentrations of Benzene, BTEX, TPH & Chloride in Soil" from recent remediation activities. Soil sample locations are depicted in Figure 2, "Site & Sample Location Map". Soil boring logs are provided as Appendix B. Laboratory analytical reports are provided as Appendix C.

Soil boring SB-2 was advanced in the southern portion of the previously excavated area. During the advancement of the soil bore, four (4) soil samples (SB-2 @ 5', SB-2 @ 15', SB-2 @ 25' and SB-2 @ 27') were collected and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated chloride concentrations ranged from 43.3 mg/Kg for soil sample SB-2 @ 25' to 185 mg/Kg for soil sample SB-2 @ 15'. Soil samples SB-2 @ 15' and SB-2 @ 27' were also analyzed for TPH concentrations, which were determined to be less than the laboratory MDL for both samples. Soil sample SB-2 @ 27' was also analyzed for BTEX concentrations, which were determined to be less than the laboratory MDL for each constituent.

On December 21, 2012, Basin excavated a series of test trenches in an effort to collect discrete sidewall soil samples for analysis of chloride and TPH concentrations. During the advancement of the test trenches, soil exhibiting chloride concentrations of 2,500 mg/Kg was encountered. An additional series of delineation trenches were advanced to the north, south, east and west of the area field tests suggested contained the highest concentration of chloride. During the advancement of the delineation trenches, thirteen (13) soil samples (North Sidewall, West Sidewall, South Trench #1, South Trench #2, South Trench #2 @ 14', South Trench #3, South

Trench #4, West Trench #1, West Trench #2, West Trench #3, East Trench #1, East Trench #2 and East Trench #3) were collected and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated chloride concentrations ranged from 7.17 mg/Kg for soil sample North Sidewall to 2,580 mg/Kg for soil sample South Trench #3. Each of the soil samples exhibited chloride concentrations less than 1,000 mg/Kg with the exception of South Trench #2, South Trench #3 and West Trench #1.

Beginning December 31, 2012, excavation activities commenced at the location. The area defined by soil samples South Trench #2, South Trench #3 and West Trench #1 was excavated to approximately ten feet (10') bgs. The excavation sidewalls were advanced until field tests suggested chloride concentrations were less than NMOCD regulatory standards.

On January 3, 2013, six (6) soil samples (Floor, West Wall, North Wall, South Wall, East Wall and East Floor) were collected from the excavation floor and sidewalls and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated BTEX concentrations were less than the appropriate laboratory MDL for each of the submitted soil samples. TPH concentrations were less than the appropriate laboratory MDL for each of the submitted samples, with the exception of soil sample North Wall, which had a concentration of 98.0 mg/Kg. Chloride concentrations ranged from 19.6 mg/Kg for soil sample East Floor to 655 mg/Kg for soil sample North Wall. BTEX, TPH and chloride concentrations were below NMOCD regulatory standards in each of the submitted soil samples, but further delineation would be required in the areas represented by soil samples North Wall, South Trench #2 and South Trench #4.

On January 17, 2012, upon receiving laboratory analytical results from the latest soil sampling event, Basin revisited the remediation site in an effort to fully delineate the areas exhibiting chloride concentrations above 250 mg/Kg. A delineation trench was advanced off of the northern sidewall in the area represented by soil sample North Wall. During the advancement of the delineation trench, two (2) soil samples (North Wall #2 @ 4' and North Wall #2 @ 8') were collected and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated the chloride concentration was 4.38 mg/Kg for soil sample North Wall #2 @ 4' and 2.42 mg/Kg for soil sample North Wall #2 @ 8'.

A delineation trench was advanced approximately ten feet (10') to the southeast of soil sample South Trench #4. During the advancement of the delineation trench, two (2) soil samples (South Trench #5 @ 4' and South Trench #5 @ 8') were collected and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated the chloride concentration was 14.5 mg/Kg for South Trench #5 @ 4' and 5.26 mg/Kg for South Trench #5 @ 8'.

An additional delineation trench (West Floor Trench) was advanced in the floor of the excavation in the area represented by soil samples South Trench #2, South Trench #3 and Floor. The delineation trench was advanced to approximately eighteen feet (18') bgs. During the advancement of the delineation trench, two (2) soil samples (West Floor Trench @ 16' and West Floor Trench @ 18') were collected and submitted to laboratory for analysis of chloride concentrations. Laboratory analytical results indicated the chloride concentration was 701 mg/Kg for West Floor Trench @ 16' and 255 mg/Kg for West Floor Trench @ 18'. Soil sample West Floor Trench @ 18' was also analyzed for TPH concentrations, which were determined to be less

than the laboratory MDL. Based on laboratory analytical results, it was determined that vertical delineation had been achieved.

Between January 9 and 15, 2012, approximately five hundred and twenty cubic yards (520 yd³) of impacted material was hauled to Sundance Services, Inc. (NMOCD Permit # NM-01-003) for disposal. The final dimensions of the excavation were approximately forty-eight feet (48') in length, thirty feet (30') in width and ten feet (10') in depth.

On January 25, 2012, upon receiving NMOCD approval, the excavation was backfilled with locally purchased, non-impacted soil. Backfill was compacted in lifts and contoured to match the surrounding topography. The site will be reseeded at a time more conducive to germination.

4.0 QA/QC PROCEDURES

4.1 Soil Sampling

Soil samples were delivered to Xenco Laboratories, Inc., of Odessa, Texas, for BTEX, TPH, and/or chloride analyses using the methods described below:

- BTEX concentrations in accordance with EPA Method SW-846 8021b
- TPH concentrations in accordance with modified EPA Method SW-846 8015M
- Chloride concentrations in accordance with EPA Method 300.1

4.2 Decontamination of Equipment

Cleaning of the sampling equipment was the responsibility of the environmental technician. Prior to use, and between each sample, the sampling equipment was cleaned with Liqui-Nox® detergent and rinsed with distilled water.

4.3 Laboratory Protocol

The laboratory was responsible for proper QA/QC procedures after signing the chain-of-custody form(s). These procedures were either transmitted with the laboratory reports or are on file at the laboratory.

5.0 SITE CLOSURE REQUEST

Confirmation soil samples collected from the floor and sidewalls of the A-14 6" Line excavation were analyzed by an NMOCD-approved laboratory, which determined concentrations of benzene, BTEX, TPH and chloride were less than the regulatory remediation action levels established for the site. Based on these laboratory analytical results, Basin recommends Southern Union provide the NMOCD Hobbs District Office and the BLM a copy of this *Remediation Summary & Site Closure Request* and request the NMOCD grant site closure to the A-14 6" Line Historical release site.

6.0 LIMITATIONS

Basin Environmental Service Technologies, LLC, has prepared this *Remediation Summary & Site Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Basin has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Basin has not conducted an independent examination of the facts contained in referenced materials and statements. Basin has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Basin has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Basin notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Southern Union Gas Services. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Basin Environmental Service Technologies, LLC, and/or Southern Union Gas Services.

7.0 DISTRIBUTION:

- Copy 1: Geoffrey Leking
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division (District 1)
1625 French Drive
Hobbs, New Mexico 88240
GeoffreyR.Leking@state.nm.us
- Copy 2: James Amo
Bureau of Land Management
602 E. Greene Street
Carlsbad, New Mexico 88220
James_Amos@blm.gov
- Copy 3: Rose Slade
Southern Union Gas Services
801 S. Loop 464
Monahans, Texas 79756
rose.slade@sug.com
- Copy 4: Basin Environmental Service Technologies, LLC
P.O. Box 301
Lovington, New Mexico 88260

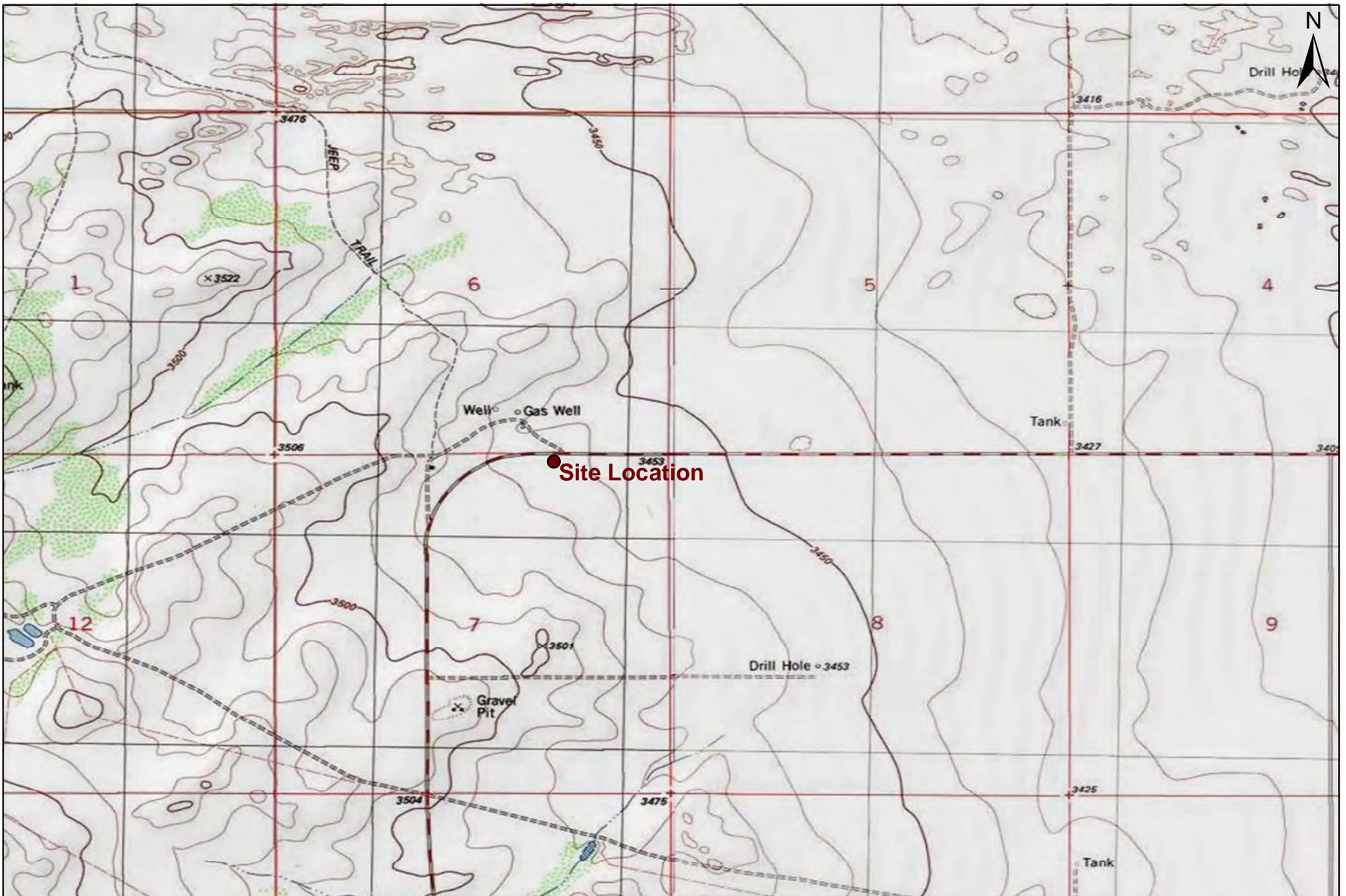
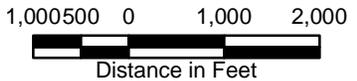
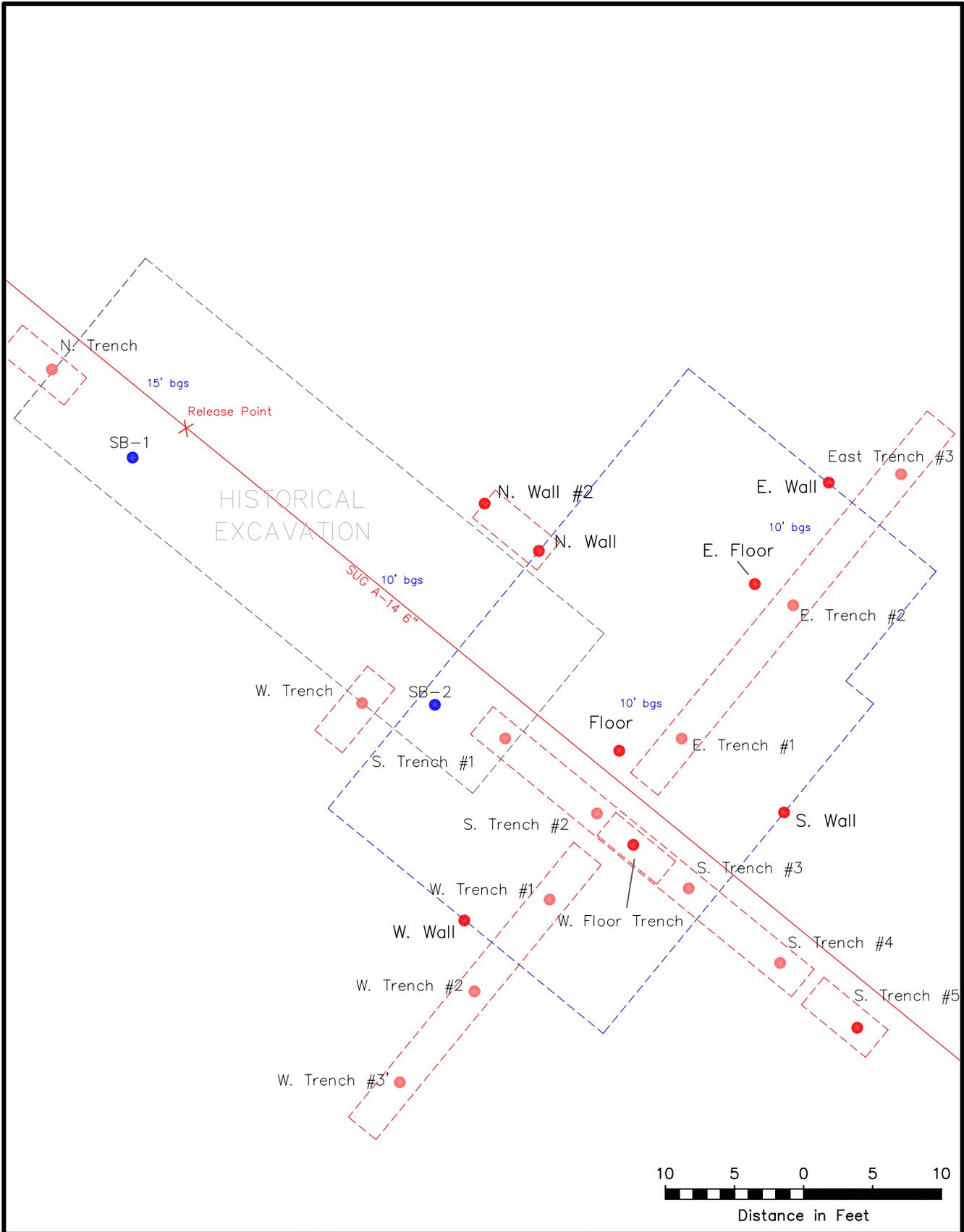


Figure 1
Site Location Map
 Southern Union Gas Services
 A-14 6" Line Historical
 Lea County, New Mexico
 NMOCD Reference #: 1RP-1127



Basin Environmental Service Technologies, LLC
 3100 Plains Hwy.
 Lovington, NM 88260

| | |
|------------------|-------------------|
| Drawn By: BJA | Checked By: JWL |
| October 17, 2012 | Scale: 1" = 2000' |



LEGEND:

| | | | |
|-------|--------------------|-------|---------------------|
| ----- | Initial Excavation | ----- | Historic Excavation |
| — | Pipeline | ----- | Delineation Trench |
| — | Fence | ----- | Current Excavation |
| • | Sample Location | • | Soil Boring |

Figure 2
Site & Sample Location Map
Southern Union Gas Services
A-14 6" Line (RP-1127)
Lea County, NM

Basin Environmental Services

| | | |
|------------------|---------------|------------------|
| Scale: 1" = 10' | Drawn By: JWL | Prepared By: BRB |
| November 2, 2012 | | |

TABLE 1

HISTORICAL CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
A-14 6" LINE
HISTORICAL RELEASE SITE
LEA COUNTY, NEW MEXICO
NMOCD REF# 1RP-1127

| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | SOIL STATUS | METHOD: EPA SW 846-8021B, 5030 | | | | | METHOD: 8015M | | | TOTAL | EPA: 300 |
|--------------------------------------|--------------------|-------------|-------------|--------------------------------|-----------------|-----------------------|-----------------------|--------------------|---|--|--|---|------------------|
| | | | | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL-BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) | TOTAL BTEX (mg/Kg) | GRO C ₆ -C ₁₂ (mg/Kg) | DRO C ₁₂ -C ₂₈ (mg/Kg) | ORO C ₂₈ -C ₃₅ (mg/Kg) | TPH C ₆ -C ₂₈ (mg/Kg) | CHLORIDE (mg/Kg) |
| PR @ 7' #3 A | 7' | 12/22/2006 | N/A | 0.0152 | 0.243 | 0.140 | 2.98 | 3.378 | 1,680 | 2,750 | 76 | 4,506 | - |
| PR @ 9' | 9' | 12/22/2006 | N/A | 0.317 | 6.42 | 3.39 | 14.01 | 24.137 | 7,990 | 7,410 | 273 | 15,700 | - |
| SM #1 of 2 | N/A | 12/22/2006 | N/A | - | - | - | - | - | - | - | - | - | 5,420 |
| SM #2 of 2 | N/A | 12/22/2006 | N/A | - | - | - | - | - | - | - | - | - | 5,530 |
| NW- Comp. | N/A | 12/22/2006 | N/A | - | - | - | - | - | 267 | 555 | 39 | 861 | - |
| WW- Comp. | N/A | 12/22/2006 | N/A | - | - | - | - | - | 2,000 | 3,450 | 65 | 5,510 | - |
| EW- Comp. | N/A | 12/22/2006 | N/A | - | - | - | - | - | 260 | 855 | 53 | 1,170 | - |
| B- Comp. | N/A | 12/22/2006 | N/A | - | - | - | - | - | 7,000 | 7,070 | 55 | 14,100 | - |
| SP-1 Comp. | N/A | 12/22/2006 | Stockpiled | - | - | - | - | - | 659 | 2,110 | 102 | 2,870 | - |
| SP-2 Comp. | N/A | 12/22/2006 | Stockpiled | - | - | - | - | - | 479 | 1,630 | 69.8 | 2,180 | - |
| PR @ 15' | 15' | 1/3/2007 | N/A | 0.897 | 14.3 | 4.25 | 118.8 | 138.25 | 4,880 | 4,360 | 100 | 9,340 | 437 |
| PR-Comp | N/A | 1/3/2007 | N/A | - | - | - | - | - | 4,110 | 4,500 | 103 | 8,710 | - |
| PR @ 18' | 18' | 1/10/2007 | N/A | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | 17.8 | 68.7 | <10.0 | 86.5 | - |
| NE 1/4B @ 18'4" | 18' 4" | 1/29/2007 | N/A | - | - | - | - | - | <10.0 | <10.0 | <10.0 | <10.0 | - |
| SW 1/4 B Comp. @ 18', 18' 4", 18' 9" | N/A | 1/29/2007 | N/A | - | - | - | - | - | 748 | 1,290 | 52.8 | 2,090 | - |
| SW 1/4 B @ 19'10" | 19' 10" | 1/29/2007 | N/A | - | - | - | - | - | 2,280 | 3,380 | 112 | 5,770 | - |
| SP-1 Comp. | N/A | 2/6/2007 | Stockpiled | - | - | - | - | - | 194 | 639 | 31.5 | 864 | - |
| SP-2 Comp. | N/A | 2/6/2007 | Stockpiled | - | - | - | - | - | 290 | 894 | 34.0 | 1,220 | - |
| SP-3 Comp. | N/A | 2/6/2007 | Stockpiled | - | - | - | - | - | 211 | 1,080 | 38.0 | 1,330 | - |
| SP-4 Comp. | N/A | 2/6/2007 | Stockpiled | - | - | - | - | - | 183 | 1,140 | 41.4 | 1,360 | - |
| SP-5 Comp. | N/A | 2/6/2007 | Stockpiled | - | - | - | - | - | 133 | 834 | 37.0 | 1,000 | - |
| SP-6 Comp. | N/A | 2/6/2007 | Stockpiled | - | - | - | - | - | 316 | 1,660 | 65.9 | 2,040 | - |
| SP-7 Comp. | N/A | 2/6/2007 | Stockpiled | - | - | - | - | - | 267 | 1,290 | 33.0 | 1,590 | - |
| SP-8 Comp. | N/A | 2/6/2007 | Stockpiled | - | - | - | - | - | 198 | 1,130 | 46.2 | 1,370 | - |
| SP-9 Comp. | N/A | 2/6/2007 | Stockpiled | - | - | - | - | - | 235 | 1,110 | 43.9 | 1,390 | - |
| SP-10 Comp. | N/A | 2/6/2007 | Stockpiled | <0.0250 | 0.0820 | 0.0590 | 2.89 | 3.03 | 760 | 2,080 | 55 | 2,890 | - |
| S/W 1/4 @ 26.5' | 26.5' | 2/8/2007 | N/A | - | - | - | - | - | <10.0 | <10.0 | <10.0 | <10.0 | - |
| NMOCD Standard | | | | 10 | | | | 50 | | | | 5,000 | 1,000 |

- = Not analyzed.

TABLE 2

CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
A-14 6" LINE
HISTORICAL RELEASE SITE
LEA COUNTY, NEW MEXICO
NMOCD REF# 1RP-1127

| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | SOIL STATUS | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL-BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) | TOTAL BTEX (mg/Kg) | GRO C ₆ -C ₁₂ (mg/Kg) | DRO C ₁₂ -C ₂₈ (mg/Kg) | ORO C ₂₈ -C ₃₅ (mg/Kg) | TOTAL TPH C ₆ -C ₂₈ (mg/Kg) | CHLORIDE (mg/Kg) |
|-------------------------|--------------------|-------------|-------------|-----------------|-----------------|-----------------------|-----------------------|--------------------|---|--|--|---|------------------|
| SB-1 @ 5' | 5' | 12/19/2012 | In-Situ | - | - | - | - | - | - | - | - | - | 17.0 |
| SB-1 @ 15' | 15' | 12/19/2012 | In-Situ | - | - | - | - | - | <15.5 | <15.5 | <15.5 | <15.5 | 67.4 |
| SB-1 @ 25' | 25' | 12/19/2012 | In-Situ | - | - | - | - | - | - | - | - | - | 10.3 |
| SB-1 @ 27' | 27' | 12/19/2012 | In-Situ | <0.00102 | <0.00205 | <0.00102 | <0.00205 | <0.00205 | <15.4 | <15.4 | <15.4 | <15.4 | 11.2 |
| SB-2 @ 5' | 5' | 12/19/2012 | In-Situ | - | - | - | - | - | - | - | - | - | 145 |
| SB-2 @ 15' | 15' | 12/19/2012 | In-Situ | - | - | - | - | - | <17.6 | <17.6 | <17.6 | <17.6 | 185 |
| SB-2 @ 25' | 25' | 12/19/2012 | In-Situ | - | - | - | - | - | - | - | - | - | 43.3 |
| SB-2 @ 27' | 27' | 12/19/2012 | In-Situ | <0.00101 | <0.00203 | <0.00101 | <0.00203 | <0.00203 | <15.1 | <15.1 | <15.1 | <15.1 | 54.4 |
| North Sidewall | 8' | 12/21/2012 | In-Situ | - | - | - | - | - | <19.2 | <19.2 | <19.2 | <19.2 | 7.17 |
| West Sidewall | 8' | 12/21/2012 | In-Situ | - | - | - | - | - | <19.6 | <19.6 | <19.6 | <19.6 | 7.48 |
| South Trench #1 | 8' | 12/21/2012 | Excavated | - | - | - | - | - | <18.0 | 80.3 | <18.0 | 80.3 | 191 |
| South Trench #2 | 8' | 12/21/2012 | Excavated | - | - | - | - | - | - | - | - | - | 1,930 |
| South Trench #2 @ 14' | 14' | 12/21/2012 | In-Situ | - | - | - | - | - | - | - | - | - | 414 |
| South Trench #3 | 8' | 12/21/2012 | Excavated | - | - | - | - | - | - | - | - | - | 2,580 |
| South Trench #4 | 8' | 12/21/2012 | In-Situ | - | - | - | - | - | - | - | - | - | 392 |
| West Trench #1 | 8' | 12/21/2012 | Excavated | - | - | - | - | - | - | - | - | - | 1,400 |
| West Trench #2 | 8' | 12/21/2012 | In-Situ | - | - | - | - | - | - | - | - | - | 358 |
| West Trench #3 | 8' | 12/21/2012 | In-Situ | - | - | - | - | - | - | - | - | - | 226 |
| East Trench #1 | 8' | 12/21/2012 | Excavated | - | - | - | - | - | - | - | - | - | 644 |
| East Trench #2 | 8' | 12/21/2012 | Excavated | - | - | - | - | - | - | - | - | - | 588 |
| East Trench #3 | 8' | 12/21/2012 | In-Situ | - | - | - | - | - | - | - | - | - | 128 |
| Floor | 10' | 1/3/2013 | In-Situ | <0.00120 | <0.00241 | <0.00120 | <0.00241 | <0.00241 | <17.9 | <17.9 | <17.9 | <17.9 | 263 |
| West Wall | 8' | 1/3/2013 | In-Situ | <0.00107 | <0.00215 | <0.00107 | <0.00215 | <0.00215 | <16.1 | <16.1 | <16.1 | <16.1 | 167 |
| North Wall | 8' | 1/3/2013 | In-Situ | <0.00111 | <0.00223 | <0.00111 | <0.00223 | <0.00223 | <16.7 | 98.0 | <16.7 | 98.0 | 655 |
| South Wall | 8' | 1/3/2013 | In-Situ | <0.00125 | <0.00250 | <0.00125 | <0.00250 | <0.00250 | <18.7 | <18.7 | <18.7 | <18.7 | 233 |
| East Wall | 8' | 1/3/2013 | In-Situ | <0.00106 | <0.00211 | <0.00106 | <0.00211 | <0.00211 | <15.8 | <15.8 | <15.8 | <15.8 | 72.5 |
| East Floor | 8' | 1/3/2013 | In-Situ | <0.00104 | <0.00209 | <0.00104 | <0.00209 | <0.00209 | <15.7 | <15.7 | <15.7 | <15.7 | 19.6 |
| Stockpile | N/A | 1/3/2013 | Disposed | - | - | - | - | - | - | - | - | - | 710 |
| West Floor Trench @ 16' | 16' | 1/17/2013 | In-Situ | - | - | - | - | - | - | - | - | - | 701 |
| West Floor Trench @ 18' | 18' | 1/17/2013 | In-Situ | - | - | - | - | - | <17.9 | <17.9 | <17.9 | <17.9 | 255 |
| North Wall #2 @ 4' | 4' | 1/17/2013 | In-Situ | - | - | - | - | - | - | - | - | - | 4.38 |
| North Wall #2 @ 8' | 8' | 1/17/2013 | In-Situ | - | - | - | - | - | - | - | - | - | 2.42 |
| South Trench #5 @ 4' | 4' | 1/17/2013 | In-Situ | - | - | - | - | - | - | - | - | - | 14.5 |
| South Trench #5 @ 8' | 8' | 1/17/2013 | In-Situ | - | - | - | - | - | - | - | - | - | 5.26 |
| NMOCD Standard | | | | 10 | | | | 50 | | | | 5,000 | 1,000 |



Photograph of advancement of soil bores and collection of core sample at the A-14 6" Line Historical Release Site.



Photograph of delineation activities at the A-14 6" Line Historical Release Site.



Photograph of delineation activities at the A-14 6" Line Historical Release Site.



Photograph of the completed excavation at the A-14 6" Line Historical Release Site.



Photograph of the completed excavation at the A-14 6" Line Historical Release Site.



Photograph of the collection of soil sample North Wall #2 at the A-14 6" Line Historical Release Site.

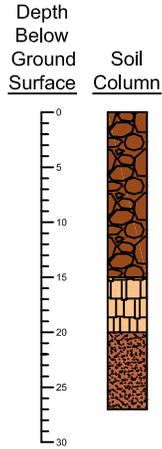


Photograph of backfilling activities at the A-14 6" Line Historical Release Site.



Post-Remediation photograph of the A-14 6" Line Historical Release Site.

Soil Boring SB-1



Soil Description

0' - 15' - Backfill

15' - 20' - Medium Hard Caliche

20' - 27' - Tan Red Silty Sand

Boring SB-1

Date Drilled December 19, 2012

Thickness of Bentonite Seal 25'

Depth of Exploratory Boring 27' bgs

Depth to Groundwater N/A

Ground Water Elevation N/A

Indicates the PSH level measured on N/A

Indicates the groundwater level measured on N/A

Indicates samples selected for Laboratory Analysis.

Completion Notes

- 1.) The soil boring was advanced on date using air rotary drilling techniques.
- 2.) The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

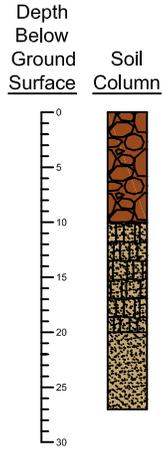
Soil Boring SB-1

**Southern Union Gas Services
A-14 6" Line
Lea County, New Mexico
NMOCD Reference #: 1RP-1127**

Basin Environmental Service Technologies, LLC
3100 Plains Hwy.
Lovington, NM 88260

| | |
|-----------------|-----------------|
| Prep By: JWJ | Checked By: BJA |
| January 3, 2013 | |

Soil Boring SB-2



Soil Description

0' - 10' - Backfill

10' - 20' - Tan Silty Sand & Caliche

20' - 27' - Tan Silty Sand

Boring SB-2

Date Drilled December 19, 2012

Thickness of Bentonite Seal 25'

Depth of Exploratory Boring 27' bgs

Depth to Groundwater N/A

Ground Water Elevation N/A

- ▼ Indicates the PSH level measured on N/A
- ▼ Indicates the groundwater level measured on N/A
- Indicates samples selected for Laboratory Analysis.

Completion Notes

- 1.) The soil boring was advanced on date using air rotary drilling techniques.
- 2.) The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

Soil Boring SB-2

**Southern Union Gas Services
A-14 6" Line
Lea County, New Mexico
NMOCD Reference #: 1RP-1127**

Basin Environmental Service Technologies, LLC
3100 Plains Hwy.
Lovington, NM 88260

| | |
|-----------------|-----------------|
| Prep By: JWJ | Checked By: BJA |
| January 3, 2013 | |



Analytical Report

Prepared for:

Tony Savoie

Southern Union Gas Services- Jal

P.O. Box 1226

Jal, NM 88252

Project: A-14 6 inch

Project Number: 2006-054 North Leg

Location: Site #3

Lab Order Number: 6L22012

Report Date: 12/31/06

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: A-14 6 inch
Project Number: 2006-054 North Leg
Project Manager: Tony Savoie

Fax: 505-395-2326

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------------|----------------------|---------------|---------------------|----------------------|
| PR@ 7' #3- A | 6L22012-01 | Soil | 12/22/06 13:00 | 12-22-2006 15:50 |
| PR@ 9' | 6L22012-02 | Soil | 12/22/06 13:00 | 12-22-2006 15:50 |
| SM #1 of 2 | 6L22012-03 | Soil | 12/22/06 13:00 | 12-22-2006 15:50 |
| SM #2 of 2 | 6L22012-04 | Soil | 12/22/06 13:00 | 12-22-2006 15:50 |
| NW- Comp. | 6L22012-05 | Soil | 12/22/06 13:00 | 12-22-2006 15:50 |
| WW- Comp. | 6L22012-06 | Soil | 12/22/06 13:00 | 12-22-2006 15:50 |
| EW- Comp. | 6L22012-07 | Soil | 12/22/06 13:00 | 12-22-2006 15:50 |
| B- Comp. | 6L22012-08 | Soil | 12/22/06 13:00 | 12-22-2006 15:50 |
| SP-1- Comp. | 6L22012-09 | Soil | 12/22/06 13:00 | 12-22-2006 15:50 |
| SP-2- Comp. | 6L22012-10 | Soil | 12/22/06 13:00 | 12-22-2006 15:50 |

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: A-14 6 inch
Project Number: 2006-054 North Leg
Project Manager: Tony Savoie

Fax: 505-395-2326

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|-------------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| PR@ 7' #3- A (6L22012-01) Soil | | | | | | | | | |
| Benzene | J [0.0152] | 0.0250 | mg/kg dry | 25 | EL62807 | 12/27/06 | 12/28/06 | EPA 8021B | J |
| Toluene | 0.243 | 0.0250 | " | " | " | " | " | " | |
| Ethylbenzene | 0.140 | 0.0250 | " | " | " | " | " | " | |
| Xylene (p/m) | 1.74 | 0.0250 | " | " | " | " | " | " | |
| Xylene (o) | 1.24 | 0.0250 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | 128 % | 80-120 | | " | " | " | " | S-04 |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 206 % | 80-120 | | " | " | " | " | S-04 |
| Carbon Ranges C6-C12 | 1680 | 10.0 | mg/kg dry | 1 | EL62218 | 12/22/06 | 12/23/06 | EPA 8015M | |
| Carbon Ranges C12-C28 | 2750 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 76.0 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 4510 | 10.0 | " | " | " | " | " | " | |
| <i>Surrogate: 1-Chlorooctane</i> | | 164 % | 70-130 | | " | " | " | " | S-04 |
| <i>Surrogate: 1-Chlorooctadecane</i> | | 140 % | 70-130 | | " | " | " | " | S-04 |
| PR@ 9' (6L22012-02) Soil | | | | | | | | | |
| Benzene | 0.317 | 0.0250 | mg/kg dry | 25 | EL62807 | 12/27/06 | 12/28/06 | EPA 8021B | |
| Toluene | 6.42 | 0.0250 | " | " | " | " | " | " | |
| Ethylbenzene | 3.39 | 0.0250 | " | " | " | " | " | " | |
| Xylene (p/m) | 32.5 | 0.0250 | " | " | " | " | " | " | |
| Xylene (o) | 9.43 | 0.0250 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | 635 % | 80-120 | | " | " | " | " | S-04 |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 378 % | 80-120 | | " | " | " | " | S-04 |
| Carbon Ranges C6-C12 | 7990 | 50.0 | mg/kg dry | 5 | EL62218 | 12/22/06 | 12/27/06 | EPA 8015M | |
| Carbon Ranges C12-C28 | 7410 | 50.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 273 | 50.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 15700 | 50.0 | " | " | " | " | " | " | |
| <i>Surrogate: 1-Chlorooctane</i> | | 70.0 % | 70-130 | | " | " | " | " | S-06 |
| <i>Surrogate: 1-Chlorooctadecane</i> | | 45.2 % | 70-130 | | " | " | " | " | S-06 |
| NW- Comp. (6L22012-05) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 267 | 10.0 | mg/kg dry | 1 | EL62218 | 12/22/06 | 12/23/06 | EPA 8015M | |
| Carbon Ranges C12-C28 | 555 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 39.4 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 861 | 10.0 | " | " | " | " | " | " | |
| <i>Surrogate: 1-Chlorooctane</i> | | 103 % | 70-130 | | " | " | " | " | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | 114 % | 70-130 | | " | " | " | " | |

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: A-14 6 inch
Project Number: 2006-054 North Leg
Project Manager: Tony Savoie

Fax: 505-395-2326

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| WW- Comp. (6L22012-06) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 2000 | 10.0 | mg/kg dry | 1 | EL62218 | 12/22/06 | 12/23/06 | EPA 8015M | |
| Carbon Ranges C12-C28 | 3450 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 64.7 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 5510 | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 198 % | 70-130 | | " | " | " | " | S-04 |
| Surrogate: 1-Chlorooctadecane | | 182 % | 70-130 | | " | " | " | " | S-04 |
| EW- Comp. (6L22012-07) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 260 | 10.0 | mg/kg dry | 1 | EL62218 | 12/22/06 | 12/23/06 | EPA 8015M | |
| Carbon Ranges C12-C28 | 855 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 53.4 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 1170 | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 104 % | 70-130 | | " | " | " | " | |
| Surrogate: 1-Chlorooctadecane | | 114 % | 70-130 | | " | " | " | " | |
| B- Comp. (6L22012-08) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 7000 | 10.0 | mg/kg dry | 1 | EL62218 | 12/22/06 | 12/23/06 | EPA 8015M | |
| Carbon Ranges C12-C28 | 7070 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 55.2 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 14100 | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 254 % | 70-130 | | " | " | " | " | S-04 |
| Surrogate: 1-Chlorooctadecane | | 224 % | 70-130 | | " | " | " | " | S-04 |
| SP-1- Comp. (6L22012-09) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 659 | 10.0 | mg/kg dry | 1 | EL62701 | 12/22/06 | 12/23/06 | EPA 8015M | |
| Carbon Ranges C12-C28 | 2110 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 102 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 2870 | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 155 % | 70-130 | | " | " | " | " | S-04 |
| Surrogate: 1-Chlorooctadecane | | 164 % | 70-130 | | " | " | " | " | S-04 |

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: A-14 6 inch
Project Number: 2006-054 North Leg
Project Manager: Tony Savoie

Fax: 505-395-2326

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------------|-------------|--------------------|-----------|----------|---------|----------|----------|-----------|-------|
| SP-2- Comp. (6L22012-10) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 479 | 10.0 | mg/kg dry | 1 | EL62701 | 12/22/06 | 12/23/06 | EPA 8015M | |
| Carbon Ranges C12-C28 | 1630 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 69.8 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 2180 | 10.0 | " | " | " | " | " | " | |
| <i>Surrogate: 1-Chlorooctane</i> | | 137 % | 70-130 | " | " | " | " | " | S-04 |
| <i>Surrogate: 1-Chlorooctadecane</i> | | 154 % | 70-130 | " | " | " | " | " | S-04 |



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Tony Savoie

Southern Union Gas Services- Jal

P.O. Box 1226

Jal, NM 88252

Project: A-14 6 Inch North Leg

Project Number: 2006-054

Site #3

Location: Delaware Basin Road

Lab Order Number: 7A03006

Report Date: 01/08/07

DR @ 15'
+
Comp.
Sampled 1/3/07
R.C. 1/3/07

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: A-14 6 Inch North Leg
Project Number: 2006-054
Project Manager: Tony Savoie

Fax: 505-395-2326

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|------------------|
| PR @ 15' | 7A03006-01 | Soil | 01/03/07 09:30 | 01-03-2007 13:37 |
| PR-Comp | 7A03006-02 | Soil | 01/03/07 09:30 | 01-03-2007 13:37 |

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: A-14 6 Inch North Leg
Project Number: 2006-054
Project Manager: Tony Savoie

Fax: 505-395-2326

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|--------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| PR @ 15' (7A03006-01) Soil | | | | | | | | | |
| Benzene | 0.897 | 0.200 | mg/kg dry | 200 | EA70401 | 01/04/07 | 01/04/07 | EPA 8021B | |
| Toluene | 14.3 | 0.200 | " | " | " | " | " | " | |
| Ethylbenzene | 4.25 | 0.200 | " | " | " | " | " | " | |
| Xylene (p/m) | 95.1 | 0.200 | " | " | " | " | " | " | |
| Xylene (o) | 23.7 | 0.200 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | 111 % | 80-120 | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 146 % | 80-120 | | " | " | " | " | S-04 |
| Carbon Ranges C6-C12 | 4880 | 10.0 | mg/kg dry | 1 | EA70303 | 01/03/07 | 01/03/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | 4360 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 100 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 9340 | 10.0 | " | " | " | " | " | " | |
| <i>Surrogate: 1-Chlorooctane</i> | | 258 % | 70-130 | | " | " | " | " | S-04 |
| <i>Surrogate: 1-Chlorooctadecane</i> | | 148 % | 70-130 | | " | " | " | " | S-04 |
| PR-Comp (7A03006-02) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 4110 | 10.0 | mg/kg dry | 1 | EA70303 | 01/03/07 | 01/03/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | 4500 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 103 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 8710 | 10.0 | " | " | " | " | " | " | |
| <i>Surrogate: 1-Chlorooctane</i> | | 272 % | 70-130 | | " | " | " | " | S-04 |
| <i>Surrogate: 1-Chlorooctadecane</i> | | 176 % | 70-130 | | " | " | " | " | S-04 |

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: A-14 6 Inch North Leg
Project Number: 2006-054
Project Manager: Tony Savoie

Fax: 505-395-2326

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------------|--------|--------------------|-------|----------|---------|----------|----------|---------------|-------|
| PR @ 15' (7A03006-01) Soil | | | | | | | | | |
| Chloride | 437 | 20.0 | mg/kg | 40 | EA70309 | 01/03/07 | 01/03/07 | EPA 300.0 | |
| % Moisture | 8.4 | 0.1 | % | 1 | EA70406 | 01/03/07 | 01/04/07 | % calculation | |
| PR-Comp (7A03006-02) Soil | | | | | | | | | |
| % Moisture | 9.4 | 0.1 | % | 1 | EA70406 | 01/03/07 | 01/04/07 | % calculation | |

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST
 12600 West I-20 East
 Odessa, Texas 79765
 Phone: 432-563-1800
 Fax: 432-563-1713

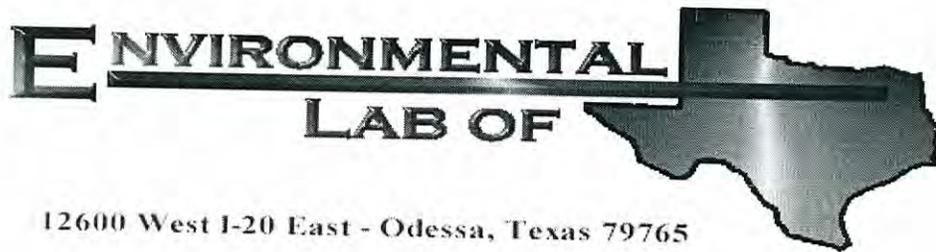
Project Manager: Tony Savoie
 Company Name: S.H.G.S.
 Company Address: 610 Commerce
 City/State/Zip: JAL, NM 88253
 Telephone No: 505-395-2116
 Sampler Signature: D. Green
 Project Name: A-14 6" NORTH LES
 Project #: 2006-054
 Project Loc: DELAWARE BASIN ROAD
 PO #: _____
 Report Format: Standard TRRP NPDES

| LAB # (lab use only) | FIELD CODE | Beginning Depth | Ending Depth | Date Sampled | Time Sampled | Field Filtered | Total # of Containers | Preservation & # of Containers | | Matrix | Analyze For: | |
|----------------------|------------------------|-----------------|--------------|--------------|--------------|----------------|-----------------------|--------------------------------|-----|--------|--------------|---|
| | | | | | | | | HNO ₃ | HCl | | | H ₂ SO ₄ |
| -01 | P.R. DLS' (9oz glass) | | 15' | 1-3-06 | 9:30 | | 1 | | | | | TPH 418-1 8015M TPH TX 1005 TX 1006 Cations (Ca, Mg, Na, K) Anions (Cl) SO ₄ , Alkalinity SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Se Volatiles Semi-volatiles BTX (02) B 5030 or BTX 8260 RCI NORM. |
| -02 | P.R. Comp. (4oz glass) | | 9' 14" | 1-3-06 | 9:30 | | 1 | | | | | TPH 418-1 8015M TPH TX 1005 TX 1006 Cations (Ca, Mg, Na, K) Anions (Cl) SO ₄ , Alkalinity SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Se Volatiles Semi-volatiles BTX (02) B 5030 or BTX 8260 RCI NORM. |

Special Instructions:

Relinquished by: D. Green Date: 1-3-07 Time: 13:37 Received by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____ Received by: D. Green Date: 01-03-07 Time: 1337

Laboratory Comments:
 Sample Containers Intact?
 VOCs Free of Headspace?
 Labels on container(s)
 Custody seals on container(s)
 Custody seals on cooler(s)
 Sample Hand Delivered by Sampler?
 Client Rep? UPS DHL FedEx Lone Star
 Temperature Upon Receipt: 2.0 °C



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Tony Savoie

Southern Union Gas Services- Jal

P.O. Box 1226

Jal, NM 88252

Project: A-14 6" North Leg Site #3

Project Number: 2006-054

Location: Delaware Basin Road

Lab Order Number: 7A10015

Report Date: 01/15/07

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: A-14 6" North Leg Site #3
Project Number: 2006-054
Project Manager: Tony Savoie

Fax: 505-395-2326

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|----------------|------------------|
| P.R. @ 18' | 7A10015-01 | Soil | 01/10/07 11:00 | 01-10-2007 14:10 |

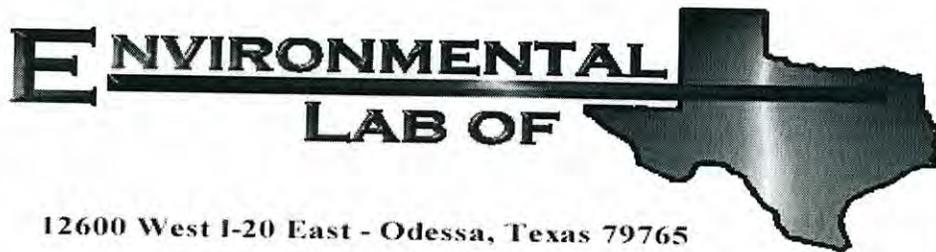
Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: A-14 6" North Leg Site #3
Project Number: 2006-054
Project Manager: Tony Savoie

Fax: 505-395-2326

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|-------------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| P.R. @ 18' (7A10015-01) Soil | | | | | | | | | |
| Benzene | ND | 0.0250 | mg/kg dry | 25 | EA71014 | 01/10/07 | 01/12/07 | EPA 8021B | |
| Toluene | J [0.0143] | 0.0250 | " | " | " | " | " | " | J |
| Ethylbenzene | ND | 0.0250 | " | " | " | " | " | " | |
| Xylene (p/m) | 0.0312 | 0.0250 | " | " | " | " | " | " | |
| Xylene (o) | ND | 0.0250 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | 97.8 % | 80-120 | | " | " | " | " | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | 96.5 % | 80-120 | | " | " | " | " | |
| Carbon Ranges C6-C12 | 17.8 | 10.0 | mg/kg dry | 1 | EA71007 | 01/10/07 | 01/13/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | 68.7 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | ND | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 86.5 | 10.0 | " | " | " | " | " | " | |
| <i>Surrogate: 1-Chlorooctane</i> | | 108 % | 70-130 | | " | " | " | " | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | 119 % | 70-130 | | " | " | " | " | |



12600 West I-20 East - Odessa, Texas 79765

A Xenco Laboratories Company

Analytical Report

Prepared for:

Tony Savoie

Southern Union Gas Services- Jal

P.O. Box 1226

Jal, NM 88252

Project: A-14 6" North Leg

Project Number: 2006-054

Location: Site #3

Lab Order Number: 7A29025

Report Date: 02/05/07

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: A-14 6" North Leg
Project Number: 2006-054
Project Manager: Tony Savoie

Fax: 505-395-2326

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-------------------------------------|---------------|--------|----------------|------------------|
| NE 1/4 B@ 18'4" | 7A29025-01 | Soil | 01/29/07 11:30 | 01-29-2007 15:07 |
| SW 1/4 B Comp.@ 18', 18' 4", 18' 9" | 7A29025-02 | Soil | 01/29/07 11:30 | 01-29-2007 15:07 |
| SW 1/4 B@ 19'10" | 7A29025-03 | Soil | 01/29/07 11:30 | 01-29-2007 15:07 |

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| NE 1/4 B@ 18'4" (7A29025-01) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | ND | 10.0 | mg/kg dry | 1 | EA73008 | 01/30/07 | 02/02/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | ND | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | ND | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | ND | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 88.8 % | 70-130 | | " | " | " | " | |
| Surrogate: 1-Chlorooctadecane | | 88.2 % | 70-130 | | " | " | " | " | |
| SW 1/4 B Comp.@ 18', 18' 4", 18' 9" (7A29025-02) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 748 | 10.0 | mg/kg dry | 1 | EA73008 | 01/30/07 | 02/02/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | 1290 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 52.8 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 2090 | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 138 % | 70-130 | | " | " | " | " | S-04 |
| Surrogate: 1-Chlorooctadecane | | 117 % | 70-130 | | " | " | " | " | |
| SW 1/4 B@ 19'10" (7A29025-03) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 2280 | 10.0 | mg/kg dry | 1 | EA73008 | 01/30/07 | 02/02/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | 3380 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 112 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 5770 | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 228 % | 70-130 | | " | " | " | " | S-04 |
| Surrogate: 1-Chlorooctadecane | | 167 % | 70-130 | | " | " | " | " | S-04 |

Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST
Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Tony Savvie
Company Name: S.Y.C.S.
Company Address: 610 Commerce
City/State/Zip: JAL, N.M. 88252
Telephone No: 505-395-2116
Sampler Signature: Don Green

Project Name: A-14 6" North Leg
Project #: 2006-054
Project Loc: Site #3
PO #: _____

Report Format: Standard TRRP NPDES

Fax No: _____ e-mail: _____

ORDER #: 7A29025

| LAB # (lab use only) | FIELD CODE | Beginning Depth | Ending Depth | Date Sampled | Time Sampled | Field Filtered | Total # of Containers | Preservation & # of Containers | Matrix | Analyze For: |
|----------------------|--------------------------|-----------------|--------------|--------------|--------------|----------------|-----------------------|--------------------------------|--------|--|
| 10 | NE 4 B @ 18' 4" | | 18' 4" | 1-29-07 | 11:30 | | 1 | None | | Metals: As Ag Ba Cd Cr Pb Hg Se Volatiles Semivolatiles BTEX 8021B/5030 or BTEX 8260 RCI N.O.R.M. |
| 11 | SW 4 B @ 18' 4" + 18' 9" | 18' 4" | 18' 9" | " | " | | 1 | None | S | TP: 418.1 8015M |
| 12 | SW 4 B @ 19' 10" | 19' 0" | 19' 10" | " | " | | 1 | None | S | TP: TX 1005 TX 1006 Cations (Ca, Mg, Na, K) Anions (Cl, SO4, Alkalinity) SAR / ESP / CEC |

Note: No glass

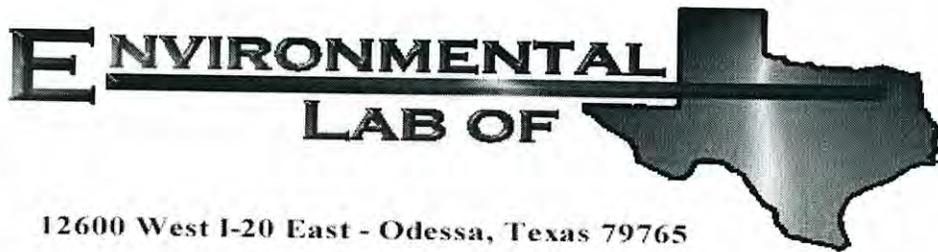
Special Instructions:

Relinquished by: Don Green Date: 1-29-07 Time: 15:07
 Relinquished by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____

Received by: Don Green Date: 1/29/07 Time: 15:07
 Received by: _____ Date: _____ Time: _____
 Received by ELOI: _____ Date: _____ Time: _____

Laboratory Comments:
 Sample Containers Intact?
 VOCs Free of Headspace?
 Labels on container(s)
 Custody seals on container(s)
 Custody seals on cooler(s)
 Sample Hand Delivered by (Sample/Client Rep.?)
 by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 2.5 °C



12600 West I-20 East - Odessa, Texas 79765

A Xenco Laboratories Company

Analytical Report

Prepared for:

Tony Savoie

Southern Union Gas Services- Jal

P.O. Box 1226

Jal, NM 88252

Project: A-14 6" North Leg Site #3

Project Number: 2006-054

Location: Site 3

Lab Order Number: 7B06012

Report Date: 02/12/07

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: A-14 6" North Leg Site #3
Project Number: 2006-054
Project Manager: Tony Savoie

Fax: 505-395-2326

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-------------|---------------|--------|----------------|------------------|
| SP 1 Comp. | 7B06012-01 | Soil | 02/06/07 11:00 | 02-06-2007 14:30 |
| SP 2 Comp. | 7B06012-02 | Soil | 02/06/07 11:00 | 02-06-2007 14:30 |
| SP 3 Comp. | 7B06012-03 | Soil | 02/06/07 11:00 | 02-06-2007 14:30 |
| SP 4 Comp. | 7B06012-04 | Soil | 02/06/07 11:00 | 02-06-2007 14:30 |
| SP 5 Comp. | 7B06012-05 | Soil | 02/06/07 11:00 | 02-06-2007 14:30 |
| SP 6 Comp. | 7B06012-06 | Soil | 02/06/07 11:00 | 02-06-2007 14:30 |
| SP 7 Comp. | 7B06012-07 | Soil | 02/06/07 11:00 | 02-06-2007 14:30 |
| SP 8 Comp. | 7B06012-08 | Soil | 02/06/07 11:00 | 02-06-2007 14:30 |
| SP 9 Comp. | 7B06012-09 | Soil | 02/06/07 11:00 | 02-06-2007 14:30 |
| SP 10 Comp. | 7B06012-10 | Soil | 02/06/07 11:00 | 02-06-2007 14:30 |

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: A-14 6" North Leg Site #3
Project Number: 2006-054
Project Manager: Tony Savoie

Fax: 505-395-2326

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------------|--------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| SP 1 Comp. (7B06012-01) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 194 | 10.0 | mg/kg dry | 1 | EB70807 | 02/08/07 | 02/11/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | 639 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 31.5 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 864 | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 80.4 % | 70-130 | | " | " | " | " | |
| Surrogate: 1-Chlorooctadecane | | 73.8 % | 70-130 | | " | " | " | " | |
| SP 2 Comp. (7B06012-02) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 290 | 10.0 | mg/kg dry | 1 | EB70807 | 02/08/07 | 02/11/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | 894 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 34.0 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 1220 | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 85.0 % | 70-130 | | " | " | " | " | |
| Surrogate: 1-Chlorooctadecane | | 71.2 % | 70-130 | | " | " | " | " | |
| SP 3 Comp. (7B06012-03) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 211 | 10.0 | mg/kg dry | 1 | EB70807 | 02/08/07 | 02/11/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | 1080 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 38.0 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 1330 | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 89.2 % | 70-130 | | " | " | " | " | |
| Surrogate: 1-Chlorooctadecane | | 83.6 % | 70-130 | | " | " | " | " | |
| SP 4 Comp. (7B06012-04) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 183 | 10.0 | mg/kg dry | 1 | EB70807 | 02/08/07 | 02/11/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | 1140 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 41.4 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 1360 | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 84.4 % | 70-130 | | " | " | " | " | |
| Surrogate: 1-Chlorooctadecane | | 82.2 % | 70-130 | | " | " | " | " | |

Environmental Lab of Texas
A Xenco Laboratories Company

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------------|-------------|-----------------|-----------|----------|----------|----------|----------|-----------|-------|
| SP 5 Comp. (7B06012-05) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 133 | 10.0 | mg/kg dry | 1 | EB70807 | 02/08/07 | 02/11/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | 834 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 37.0 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 1000 | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 80.2 % | 70-130 | | " | " | " | " | |
| Surrogate: 1-Chlorooctadecane | | 76.2 % | 70-130 | | " | " | " | " | |
| SP 6 Comp. (7B06012-06) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 316 | 10.0 | mg/kg dry | 1 | EB70807 | 02/08/07 | 02/11/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | 1660 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 65.9 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 2040 | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 97.0 % | 70-130 | | " | " | " | " | |
| Surrogate: 1-Chlorooctadecane | | 93.8 % | 70-130 | | " | " | " | " | |
| SP 7 Comp. (7B06012-07) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 267 | 10.0 | mg/kg dry | 1 | EB70807 | 02/08/07 | 02/11/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | 1290 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 33.0 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 1590 | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 93.6 % | 70-130 | | " | " | " | " | |
| Surrogate: 1-Chlorooctadecane | | 87.0 % | 70-130 | | " | " | " | " | |
| SP 8 Comp. (7B06012-08) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 198 | 10.0 | mg/kg dry | 1 | EB70807 | 02/08/07 | 02/11/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | 1130 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 46.2 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 1370 | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 87.0 % | 70-130 | | " | " | " | " | |
| Surrogate: 1-Chlorooctadecane | | 83.8 % | 70-130 | | " | " | " | " | |

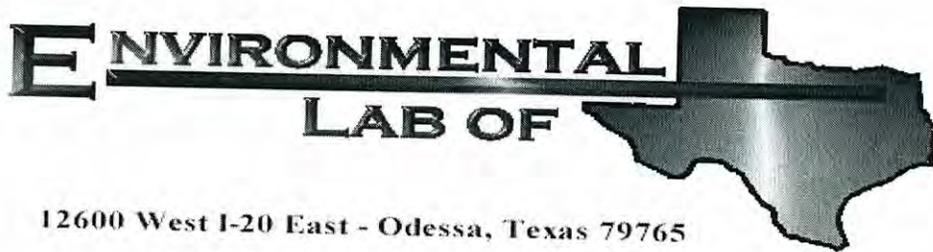
Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: A-14 6" North Leg Site #3
Project Number: 2006-054
Project Manager: Tony Savoie

Fax: 505-395-2326

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------------|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| SP 9 Comp. (7B06012-09) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 235 | 10.0 | mg/kg dry | 1 | EB70807 | 02/08/07 | 02/11/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | 1110 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 43.9 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 1390 | 10.0 | " | " | " | " | " | " | |
| <i>Surrogate: 1-Chlorooctane</i> | | 94.6 % | 70-130 | | " | " | " | " | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | 85.4 % | 70-130 | | " | " | " | " | |
| SP 10 Comp. (7B06012-10) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | 760 | 10.0 | mg/kg dry | 1 | EB70807 | 02/08/07 | 02/11/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | 2080 | 10.0 | " | " | " | " | " | " | |
| Carbon Ranges C28-C35 | 54.7 | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | 2890 | 10.0 | " | " | " | " | " | " | |
| <i>Surrogate: 1-Chlorooctane</i> | | 122 % | 70-130 | | " | " | " | " | |
| <i>Surrogate: 1-Chlorooctadecane</i> | | 103 % | 70-130 | | " | " | " | " | |



12600 West I-20 East - Odessa, Texas 79765

A Xenco Laboratories Company

Analytical Report

Prepared for:

Tony Savoie

Southern Union Gas Services- Jal

P.O. Box 1226

Jal, NM 88252

Project: A-14 6" North Leg

Project Number: 2006-054

Location: Site #3

Lab Order Number: 7B09018

Report Date: 02/14/07

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: A-14 6" North Leg
Project Number: 2006-054
Project Manager: Tony Savoie

Fax: 505-395-2326

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|----------------|---------------|--------|----------------|------------------|
| SW 1/4 @ 26.5' | 7B09018-01 | Soil | 02/08/07 00:00 | 02-09-2007 14:15 |

Southern Union Gas Services- Jal
P.O. Box 1226
Jal NM, 88252

Project: A-14 6" North Leg
Project Number: 2006-054
Project Manager: Tony Savoie

Fax: 505-395-2326

Organics by GC
Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|-----------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| SW 1/4 @ 26.5' (7B09018-01) Soil | | | | | | | | | |
| Carbon Ranges C6-C12 | ND | 10.0 | mg/kg dry | 1 | EB71006 | 02/10/07 | 02/13/07 | EPA 8015M | |
| Carbon Ranges C12-C28 | J [6.07] | 10.0 | " | " | " | " | " | " | J |
| Carbon Ranges C28-C35 | ND | 10.0 | " | " | " | " | " | " | |
| Total Hydrocarbons | ND | 10.0 | " | " | " | " | " | " | |
| Surrogate: 1-Chlorooctane | | 102 % | 70-130 | | " | " | " | " | |
| Surrogate: 1-Chlorooctadecane | | 102 % | 70-130 | | " | " | " | " | |

Analytical Report 454748

for

Southern Union Gas Services- Monahans

Project Manager: Joel Lowry

A-14 6-Inch Line

RP-1127

31-DEC-12

Collected By: Client



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Lakeland: Florida (E84098)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)



31-DEC-12

Project Manager: **Joel Lowry**
Southern Union Gas Services- Monahans
801 South Loop 464
Monahans, TX 79756

Reference: XENCO Report No(s): **454748**
A-14 6-Inch Line
Project Address: Lea County, NM

Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 454748. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 454748 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Nicholas Straccione
Project Manager

*Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY*

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America



Sample Cross Reference 454748



Southern Union Gas Services- Monahans, Monahans, TX

A-14 6-Inch Line

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|------------------|---------------|-----------------------|---------------------|----------------------|
| SB-1 @ 25' | S | 12-19-12 08:40 | | 454748-001 |
| SB-1 @ 27' | S | 12-19-12 08:50 | | 454748-002 |
| SB-2 @ 25' | S | 12-19-12 09:40 | | 454748-003 |
| SB-2 @ 27' | S | 12-19-12 09:50 | | 454748-004 |



CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans

Project Name: A-14 6-Inch Line



Project ID: RP-1127
Work Order Number(s): 454748

Report Date: 31-DEC-12
Date Received: 12/24/2012

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None



Certificate of Analysis Summary 454748

Southern Union Gas Services- Monahans, Monahans, TX



Project Id: RP-1127

Contact: Joel Lowry

Project Name: A-14 6-Inch Line

Date Received in Lab: Mon Dec-24-12 03:00 pm

Report Date: 31-DEC-12

Project Location: Lea County, NM

Project Manager: Nicholas Straccione

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 454748-001 | 454748-002 | 454748-003 | 454748-004 | | |
|---|-------------------|-----------------|-----------------|-----------------|-----------------|--|--|
| | <i>Field Id:</i> | SB-1 @ 25' | SB-1 @ 27' | SB-2 @ 25' | SB-2 @ 27' | | |
| | <i>Depth:</i> | | | | | | |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | | |
| | <i>Sampled:</i> | Dec-19-12 08:40 | Dec-19-12 08:50 | Dec-19-12 09:40 | Dec-19-12 09:50 | | |
| BTEX by EPA 8021B | <i>Extracted:</i> | | Dec-28-12 16:00 | | Dec-28-12 16:00 | | |
| | <i>Analyzed:</i> | | Dec-28-12 17:53 | | Dec-28-12 19:16 | | |
| | <i>Units/RL:</i> | | mg/kg RL | | mg/kg RL | | |
| Benzene | | | ND 0.00102 | | ND 0.00101 | | |
| Toluene | | | ND 0.00205 | | ND 0.00203 | | |
| Ethylbenzene | | | ND 0.00102 | | ND 0.00101 | | |
| m,p-Xylenes | | | ND 0.00205 | | ND 0.00203 | | |
| o-Xylene | | | ND 0.00102 | | ND 0.00101 | | |
| Total Xylenes | | | ND 0.00102 | | ND 0.00101 | | |
| Total BTEX | | | ND 0.00102 | | ND 0.00101 | | |
| Inorganic Anions by EPA 300/300.1 SUB: E871002 | <i>Extracted:</i> | Dec-27-12 13:52 | Dec-27-12 14:09 | Dec-27-12 14:26 | Dec-27-12 14:44 | | |
| | <i>Analyzed:</i> | Dec-27-12 13:52 | Dec-27-12 14:09 | Dec-27-12 14:26 | Dec-27-12 14:44 | | |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | | |
| Chloride | | 10.3 1.02 | 11.2 1.02 | 43.3 1.02 | 54.4 1.01 | | |
| Percent Moisture SUB: E871002 | <i>Extracted:</i> | | | | | | |
| | <i>Analyzed:</i> | Dec-27-12 10:55 | Dec-27-12 10:55 | Dec-27-12 10:55 | Dec-27-12 10:55 | | |
| | <i>Units/RL:</i> | % RL | % RL | % RL | % RL | | |
| Percent Moisture | | 2.24 1.00 | 2.21 1.00 | 1.68 1.00 | 1.28 1.00 | | |
| TPH By SW8015 Mod | <i>Extracted:</i> | Dec-27-12 12:00 | Dec-27-12 12:00 | Dec-27-12 12:00 | Dec-27-12 12:00 | | |
| | <i>Analyzed:</i> | Dec-27-12 20:13 | Dec-27-12 20:40 | Dec-27-12 21:06 | Dec-27-12 21:33 | | |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | | |
| C6-C12 Gasoline Range Hydrocarbons | | ND 15.3 | ND 15.4 | ND 15.2 | ND 15.1 | | |
| C12-C28 Diesel Range Hydrocarbons | | ND 15.3 | ND 15.4 | ND 15.2 | ND 15.1 | | |
| C28-C35 Oil Range Hydrocarbons | | ND 15.3 | ND 15.4 | ND 15.2 | ND 15.1 | | |
| Total TPH | | ND 15.3 | ND 15.4 | ND 15.2 | ND 15.1 | | |

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Nicholas Straccione
Project Manager

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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 2505 North Falkenburg Rd, Tampa, FL 33619
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| (770) 449-8800 | (770) 449-5477 |
| (602) 437-0330 | |



Form 2 - Surrogate Recoveries

Project Name: A-14 6-Inch Line

Work Orders : 454748, 454748

Project ID: RP-1127

Lab Batch #: 903786

Sample: 454748-001 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 12/27/12 20:13 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 106 | 99.9 | 106 | 70-135 | |
| o-Terphenyl | | 49.9 | 50.0 | 100 | 70-135 | |

Lab Batch #: 903786

Sample: 454748-002 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 12/27/12 20:40 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 104 | 100 | 104 | 70-135 | |
| o-Terphenyl | | 49.4 | 50.1 | 99 | 70-135 | |

Lab Batch #: 903786

Sample: 454748-003 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 12/27/12 21:06 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 102 | 99.9 | 102 | 70-135 | |
| o-Terphenyl | | 48.9 | 50.0 | 98 | 70-135 | |

Lab Batch #: 903786

Sample: 454748-004 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 12/27/12 21:33 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 105 | 99.7 | 105 | 70-135 | |
| o-Terphenyl | | 51.2 | 49.9 | 103 | 70-135 | |

Lab Batch #: 903888

Sample: 454748-002 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 12/28/12 17:53 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| BTEX by EPA 8021B | | | | | | |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0264 | 0.0300 | 88 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0247 | 0.0300 | 82 | 80-120 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: A-14 6-Inch Line

Work Orders : 454748, 454748

Project ID: RP-1127

Lab Batch #: 903888

Sample: 454748-004 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | |
|--------------------------|-------------------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 12/28/12 19:16 | | | | |
| BTEX by EPA 8021B | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | |
| 1,4-Difluorobenzene | 0.0279 | 0.0300 | 93 | 80-120 | |
| 4-Bromofluorobenzene | 0.0243 | 0.0300 | 81 | 80-120 | |

Lab Batch #: 903786

Sample: 631807-1-BLK / BLK

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | |
|--------------------------|-------------------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 12/27/12 15:52 | | | | |
| TPH By SW8015 Mod | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | |
| 1-Chlorooctane | 94.4 | 100 | 94 | 70-135 | |
| o-Terphenyl | 44.7 | 50.1 | 89 | 70-135 | |

Lab Batch #: 903888

Sample: 631865-1-BLK / BLK

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | |
|--------------------------|-------------------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 12/28/12 17:37 | | | | |
| BTEX by EPA 8021B | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | |
| 1,4-Difluorobenzene | 0.0250 | 0.0300 | 83 | 80-120 | |
| 4-Bromofluorobenzene | 0.0242 | 0.0300 | 81 | 80-120 | |

Lab Batch #: 903786

Sample: 631807-1-BKS / BKS

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | |
|--------------------------|-------------------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 12/27/12 14:57 | | | | |
| TPH By SW8015 Mod | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | |
| 1-Chlorooctane | 91.1 | 100 | 91 | 70-135 | |
| o-Terphenyl | 52.9 | 50.1 | 106 | 70-135 | |

Lab Batch #: 903888

Sample: 631865-1-BKS / BKS

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | |
|--------------------------|-------------------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 12/28/12 17:04 | | | | |
| BTEX by EPA 8021B | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | |
| 1,4-Difluorobenzene | 0.0266 | 0.0300 | 89 | 80-120 | |
| 4-Bromofluorobenzene | 0.0309 | 0.0300 | 103 | 80-120 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: A-14 6-Inch Line

Work Orders : 454748, 454748

Project ID: RP-1127

Lab Batch #: 903786

Sample: 631807-1-BSD / BSD

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 12/27/12 15:25 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 93.7 | 100 | 94 | 70-135 | |
| o-Terphenyl | | 47.8 | 50.1 | 95 | 70-135 | |

Lab Batch #: 903888

Sample: 631865-1-BSD / BSD

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 12/28/12 17:20 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| BTEX by EPA 8021B | | | | | | |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0294 | 0.0300 | 98 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0331 | 0.0300 | 110 | 80-120 | |

Lab Batch #: 903786

Sample: 454643-001 S / MS

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 12/27/12 16:52 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 84.9 | 100 | 85 | 70-135 | |
| o-Terphenyl | | 49.3 | 50.1 | 98 | 70-135 | |

Lab Batch #: 903786

Sample: 454643-001 SD / MSD

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 12/27/12 17:23 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 92.0 | 99.9 | 92 | 70-135 | |
| o-Terphenyl | | 48.6 | 50.0 | 97 | 70-135 | |

Lab Batch #: 903888

Sample: 454748-002 SD / MSD

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 12/28/12 18:26 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| BTEX by EPA 8021B | | | | | | |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0331 | 0.0300 | 110 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0297 | 0.0300 | 99 | 80-120 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



BS / BSD Recoveries



Project Name: A-14 6-Inch Line

Work Order #: 454748, 454748

Analyst: KEB

Date Prepared: 12/28/2012

Project ID: RP-1127

Date Analyzed: 12/28/2012

Lab Batch ID: 903888

Sample: 631865-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| BTEX by EPA 8021B | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|--------------------------|--------------------------------|------------------------|-------------------------------|---------------------------|------------------------|---|-----------------------------|--------------|--------------------------|----------------------------|-------------|
| Analytes | | | | | | | | | | | |
| Benzene | <0.00100 | 0.100 | 0.0769 | 77 | 0.0994 | 0.0830 | 84 | 8 | 70-130 | 35 | |
| Toluene | <0.00201 | 0.100 | 0.0782 | 78 | 0.0994 | 0.0833 | 84 | 6 | 70-130 | 35 | |
| Ethylbenzene | <0.00100 | 0.100 | 0.0777 | 78 | 0.0994 | 0.0866 | 87 | 11 | 71-129 | 35 | |
| m,p-Xylenes | <0.00201 | 0.201 | 0.153 | 76 | 0.199 | 0.167 | 84 | 9 | 70-135 | 35 | |
| o-Xylene | <0.00100 | 0.100 | 0.0792 | 79 | 0.0994 | 0.0870 | 88 | 9 | 71-133 | 35 | |

Analyst: RKO

Date Prepared: 12/27/2012

Date Analyzed: 12/27/2012

Lab Batch ID: 903747

Sample: 631776-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| Inorganic Anions by EPA 300/300.1 | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|--|--------------------------------|------------------------|-------------------------------|---------------------------|------------------------|---|-----------------------------|--------------|--------------------------|----------------------------|-------------|
| Analytes | | | | | | | | | | | |
| Chloride | <1.00 | 100 | 104 | 104 | 100 | 104 | 104 | 0 | 80-120 | 20 | |

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Blank Spike Recovery [D] = 100*(C)/[B]

Blank Spike Duplicate Recovery [G] = 100*(F)/[E]

All results are based on MDL and Validated for QC Purposes



BS / BSD Recoveries



Project Name: A-14 6-Inch Line

Work Order #: 454748, 454748

Analyst: KEB

Date Prepared: 12/27/2012

Project ID: RP-1127

Date Analyzed: 12/27/2012

Lab Batch ID: 903786

Sample: 631807-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| TPH By SW8015 Mod | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|------------------------------------|--------------------------------|------------------------|-------------------------------|---------------------------|------------------------|---|-----------------------------|--------------|--------------------------|----------------------------|-------------|
| Analytes | | | | | | | | | | | |
| C6-C12 Gasoline Range Hydrocarbons | <15.0 | 1000 | 1040 | 104 | 1000 | 1000 | 100 | 4 | 70-135 | 35 | |
| C12-C28 Diesel Range Hydrocarbons | <15.0 | 1000 | 998 | 100 | 1000 | 966 | 97 | 3 | 70-135 | 35 | |

Relative Percent Difference RPD = $200 * |(C-F)/(C+F)|$

Blank Spike Recovery [D] = $100 * (C)/[B]$

Blank Spike Duplicate Recovery [G] = $100 * (F)/[E]$

All results are based on MDL and Validated for QC Purposes

Form 3 - MS Recoveries



Project Name: A-14 6-Inch Line

Work Order #: 454748

Lab Batch #: 903747

Date Analyzed: 12/27/2012

QC- Sample ID: 454701-001 S

Reporting Units: mg/kg

Date Prepared: 12/27/2012

Batch #: 1

Project ID: RP-1127

Analyst: RKO

Matrix: Soil

| MATRIX / MATRIX SPIKE RECOVERY STUDY | | | | | | |
|--------------------------------------|--------------------------|-----------------|--------------------------|--------|-------------------|------|
| Inorganic Anions by EPA 300 | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | %R [D] | Control Limits %R | Flag |
| Analytes | | | | | | |
| Chloride | 49.9 | 135 | 178 | 95 | 80-120 | |

Lab Batch #: 903747

Date Analyzed: 12/27/2012

QC- Sample ID: 454749-004 S

Reporting Units: mg/kg

Date Prepared: 12/27/2012

Batch #: 1

Analyst: RKO

Matrix: Soil

| MATRIX / MATRIX SPIKE RECOVERY STUDY | | | | | | |
|--------------------------------------|--------------------------|-----------------|--------------------------|--------|-------------------|------|
| Inorganic Anions by EPA 300 | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | %R [D] | Control Limits %R | Flag |
| Analytes | | | | | | |
| Chloride | 37.5 | 105 | 141 | 99 | 80-120 | |

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
 Relative Percent Difference [E] = 200*(C-A)/(C+B)
 All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit



Form 3 - MS / MSD Recoveries



Project Name: A-14 6-Inch Line

Work Order #: 454748

Project ID: RP-1127

Lab Batch ID: 903786

QC- Sample ID: 454643-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 12/27/2012

Date Prepared: 12/27/2012

Analyst: KEB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| TPH By SW8015 Mod Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|-----------------------------------|------------------------------------|-----------------|--------------------------|----------------------|-----------------|------------------------------------|--------------------|-------|-------------------|---------------------|------|
| | C6-C12 Gasoline Range Hydrocarbons | <16.3 | 1090 | 1020 | 94 | 1090 | 1070 | 98 | 5 | 70-135 | 35 |
| C12-C28 Diesel Range Hydrocarbons | <16.3 | 1090 | 1010 | 93 | 1090 | 1020 | 94 | 1 | 70-135 | 35 | |

Matrix Spike Percent Recovery $[D] = 100 * (C - A) / B$
Relative Percent Difference $RPD = 200 * (C - F) / (C + F)$

Matrix Spike Duplicate Percent Recovery $[G] = 100 * (F - A) / E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit



Sample Duplicate Recovery



Project Name: A-14 6-Inch Line

Work Order #: 454748

Lab Batch #: 903714

Project ID: RP-1127

Date Analyzed: 12/27/2012 10:55

Date Prepared: 12/27/2012

Analyst: RKO

QC- Sample ID: 454749-003 D

Batch #: 1

Matrix: Soil

Reporting Units: %

SAMPLE / SAMPLE DUPLICATE RECOVERY

| Percent Moisture Analyte | Parent Sample Result [A] | Sample Duplicate Result [B] | RPD | Control Limits %RPD | Flag |
|---------------------------------|--------------------------|-----------------------------|-----|---------------------|------|
| Percent Moisture | 8.80 | 8.64 | 2 | 20 | |

Lab Batch #: 903714

Date Analyzed: 12/27/2012 10:55

Date Prepared: 12/27/2012

Analyst: RKO

QC- Sample ID: 454754-001 D

Batch #: 1

Matrix: Soil

Reporting Units: %

SAMPLE / SAMPLE DUPLICATE RECOVERY

| Percent Moisture Analyte | Parent Sample Result [A] | Sample Duplicate Result [B] | RPD | Control Limits %RPD | Flag |
|---------------------------------|--------------------------|-----------------------------|-----|---------------------|------|
| Percent Moisture | 5.70 | 5.68 | 0 | 20 | |

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$
 All Results are based on MDL and validated for QC purposes.
 BRL - Below Reporting Limit



Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Date/ Time Received: 12/24/2012 03:00:00 PM

Temperature Measuring device used :

Work Order #: 454748

Sample Receipt Checklist

Comments

Table with 2 columns: Checklist items (#1-#22) and Comments. Items include temperature of cooler, shipping container condition, custody seals, chain of custody, and sample preservation.

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst: [] PH Device/Lot#: []

Checklist completed by: _____

Date: 12/26/2012 _____

Checklist reviewed by: _____

Date: 12/26/2012 _____

Analytical Report 454911

for

Southern Union Gas Services- Monahans

Project Manager: Joel Lowry

A-14 6-Inch Line

(RP-1127)

07-JAN-13

Collected By: Client



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Lakeland: Florida (E84098)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)



07-JAN-13

Project Manager: **Joel Lowry**
Southern Union Gas Services- Monahans
801 South Loop 464
Monahans, TX 79756

Reference: XENCO Report No(s): **454911**
A-14 6-Inch Line
Project Address: Lea County, NM

Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 454911. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 454911 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Nicholas Straccione
Project Manager

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Sample Cross Reference 454911



Southern Union Gas Services- Monahans, Monahans, TX

A-14 6-Inch Line

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|------------|--------|----------------|--------------|---------------|
| SB-1 @ 5' | S | 12-19-12 08:30 | | 454911-001 |
| SB-1 @ 15' | S | 12-19-12 08:35 | | 454911-002 |
| SB-2 @ 5' | S | 12-19-12 09:30 | | 454911-003 |
| SB-2 @ 15' | S | 12-19-12 09:35 | | 454911-004 |



CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans

Project Name: A-14 6-Inch Line



Project ID: (RP-1127)
Work Order Number(s): 454911

Report Date: 07-JAN-13
Date Received: 12/31/2012

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None



Certificate of Analysis Summary 454911

Southern Union Gas Services- Monahans, Monahans, TX



Project Id: (RP-1127)

Contact: Joel Lowry

Project Name: A-14 6-Inch Line

Date Received in Lab: Mon Dec-31-12 11:38 am

Report Date: 07-JAN-13

Project Location: Lea County, NM

Project Manager: Nicholas Straccione

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 454911-001 | 454911-002 | 454911-003 | 454911-004 | | |
|---|-------------------|-----------------|-----------------|-----------------|-----------------|--|--|
| | <i>Field Id:</i> | SB-1 @ 5' | SB-1 @ 15' | SB-2 @ 5' | SB-2 @ 15' | | |
| | <i>Depth:</i> | | | | | | |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | | |
| | <i>Sampled:</i> | Dec-19-12 08:30 | Dec-19-12 08:35 | Dec-19-12 09:30 | Dec-19-12 09:35 | | |
| Inorganic Anions by EPA 300/300.1 SUB: E871002 | <i>Extracted:</i> | Jan-02-13 20:57 | Jan-02-13 21:32 | Jan-02-13 21:49 | Jan-02-13 22:06 | | |
| | <i>Analyzed:</i> | Jan-02-13 20:57 | Jan-02-13 21:32 | Jan-02-13 21:49 | Jan-02-13 22:06 | | |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | | |
| Chloride | | 17.0 0.991 | 67.4 0.996 | 145 1.00 | 185 0.980 | | |
| Percent Moisture | <i>Extracted:</i> | | | | | | |
| | <i>Analyzed:</i> | Jan-02-13 10:25 | Jan-02-13 10:25 | Jan-02-13 10:25 | Jan-02-13 10:25 | | |
| | <i>Units/RL:</i> | % RL | % RL | % RL | % RL | | |
| Percent Moisture | | 16.6 1.00 | 3.39 1.00 | 23.2 1.00 | 15.1 1.00 | | |
| TPH By SW8015 Mod | <i>Extracted:</i> | | Jan-02-13 09:00 | | Jan-02-13 09:00 | | |
| | <i>Analyzed:</i> | | Jan-02-13 17:00 | | Jan-02-13 17:30 | | |
| | <i>Units/RL:</i> | | mg/kg RL | | mg/kg RL | | |
| C6-C12 Gasoline Range Hydrocarbons | | | ND 15.5 | | ND 17.6 | | |
| C12-C28 Diesel Range Hydrocarbons | | | ND 15.5 | | ND 17.6 | | |
| C28-C35 Oil Range Hydrocarbons | | | ND 15.5 | | ND 17.6 | | |
| Total TPH | | | ND 15.5 | | ND 17.6 | | |

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Nicholas Straccione
Project Manager

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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 5332 Blackberry Drive, San Antonio TX 78238
 2505 North Falkenburg Rd, Tampa, FL 33619
 12600 West I-20 East, Odessa, TX 79765
 6017 Financial Drive, Norcross, GA 30071
 3725 E. Atlanta Ave, Phoenix, AZ 85040

| Phone | Fax |
|----------------|----------------|
| (281) 240-4200 | (281) 240-4280 |
| (214) 902 0300 | (214) 351-9139 |
| (210) 509-3334 | (210) 509-3335 |
| (813) 620-2000 | (813) 620-2033 |
| (432) 563-1800 | (432) 563-1713 |
| (770) 449-8800 | (770) 449-5477 |
| (602) 437-0330 | |



Form 2 - Surrogate Recoveries

Project Name: A-14 6-Inch Line

Work Orders : 454911,

Project ID: (RP-1127)

Lab Batch #: 904017

Sample: 454911-002 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/02/13 17:00 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 94.4 | 99.9 | 94 | 70-135 | |
| o-Terphenyl | | 45.2 | 50.0 | 90 | 70-135 | |

Lab Batch #: 904017

Sample: 454911-004 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/02/13 17:30 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 86.1 | 99.5 | 87 | 70-135 | |
| o-Terphenyl | | 42.2 | 49.8 | 85 | 70-135 | |

Lab Batch #: 904017

Sample: 631942-1-BLK / BLK

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/02/13 15:06 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 88.5 | 99.9 | 89 | 70-135 | |
| o-Terphenyl | | 42.4 | 50.0 | 85 | 70-135 | |

Lab Batch #: 904017

Sample: 631942-1-BKS / BKS

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/02/13 14:07 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 86.6 | 100 | 87 | 70-135 | |
| o-Terphenyl | | 47.7 | 50.1 | 95 | 70-135 | |

Lab Batch #: 904017

Sample: 631942-1-BSD / BSD

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/02/13 14:36 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 85.8 | 99.9 | 86 | 70-135 | |
| o-Terphenyl | | 44.6 | 50.0 | 89 | 70-135 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: A-14 6-Inch Line

Work Orders : 454911,

Project ID: (RP-1127)

Lab Batch #: 904017

Sample: 454911-002 S / MS

Batch: 1 Matrix: Soil

| Units: mg/kg | | Date Analyzed: 01/02/13 21:36 | SURROGATE RECOVERY STUDY | | |
|-------------------|------------------|-------------------------------|--------------------------|-------------------|-------|
| TPH By SW8015 Mod | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | |
| 1-Chlorooctane | 91.3 | 99.8 | 91 | 70-135 | |
| o-Terphenyl | 51.0 | 49.9 | 102 | 70-135 | |

Lab Batch #: 904017

Sample: 454911-002 SD / MSD

Batch: 1 Matrix: Soil

| Units: mg/kg | | Date Analyzed: 01/02/13 22:02 | SURROGATE RECOVERY STUDY | | |
|-------------------|------------------|-------------------------------|--------------------------|-------------------|-------|
| TPH By SW8015 Mod | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | |
| 1-Chlorooctane | 85.8 | 99.7 | 86 | 70-135 | |
| o-Terphenyl | 48.2 | 49.9 | 97 | 70-135 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Project Name: A-14 6-Inch Line

Work Order #: 454911

Analyst: JOL

Date Prepared: 01/02/2013

Project ID: (RP-1127)

Date Analyzed: 01/02/2013

Lab Batch ID: 904013

Sample: 631941-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| Inorganic Anions by EPA 300/300.1 | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|--|-------------------------|-----------------|------------------------|--------------------|-----------------|----------------------------------|----------------------|-------|-------------------|---------------------|------|
| Analytes | | | | | | | | | | | |
| Chloride | <1.00 | 100 | 106 | 106 | 100 | 106 | 106 | 0 | 80-120 | 20 | |

Analyst: KEB

Date Prepared: 01/02/2013

Date Analyzed: 01/02/2013

Lab Batch ID: 904017

Sample: 631942-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| TPH By SW8015 Mod | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|------------------------------------|-------------------------|-----------------|------------------------|--------------------|-----------------|----------------------------------|----------------------|-------|-------------------|---------------------|------|
| Analytes | | | | | | | | | | | |
| C6-C12 Gasoline Range Hydrocarbons | <15.0 | 1000 | 1010 | 101 | 999 | 983 | 98 | 3 | 70-135 | 35 | |
| C12-C28 Diesel Range Hydrocarbons | <15.0 | 1000 | 983 | 98 | 999 | 954 | 95 | 3 | 70-135 | 35 | |

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Blank Spike Recovery [D] = 100*(C)/[B]

Blank Spike Duplicate Recovery [G] = 100*(F)/[E]

All results are based on MDL and Validated for QC Purposes

Form 3 - MS Recoveries



Project Name: A-14 6-Inch Line

Work Order #: 454911

Lab Batch #: 904013

Date Analyzed: 01/02/2013

QC- Sample ID: 454910-001 S

Reporting Units: mg/kg

Date Prepared: 01/02/2013

Batch #: 1

Project ID: (RP-1127)

Analyst: JOL

Matrix: Soil

| MATRIX / MATRIX SPIKE RECOVERY STUDY | | | | | | |
|--------------------------------------|--------------------------|-----------------|--------------------------|--------|-------------------|------|
| Inorganic Anions by EPA 300 | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | %R [D] | Control Limits %R | Flag |
| Analytes | | | | | | |
| Chloride | 7.17 | 124 | 136 | 104 | 80-120 | |

Lab Batch #: 904013

Date Analyzed: 01/02/2013

QC- Sample ID: 454911-001 S

Reporting Units: mg/kg

Date Prepared: 01/02/2013

Batch #: 1

Analyst: JOL

Matrix: Soil

| MATRIX / MATRIX SPIKE RECOVERY STUDY | | | | | | |
|--------------------------------------|--------------------------|-----------------|--------------------------|--------|-------------------|------|
| Inorganic Anions by EPA 300 | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | %R [D] | Control Limits %R | Flag |
| Analytes | | | | | | |
| Chloride | 17.0 | 99.1 | 117 | 101 | 80-120 | |

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
 Relative Percent Difference [E] = 200*(C-A)/(C+B)
 All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit



Form 3 - MS / MSD Recoveries



Project Name: A-14 6-Inch Line

Work Order #: 454911

Project ID: (RP-1127)

Lab Batch ID: 904017

QC- Sample ID: 454911-002 S

Batch #: 1 Matrix: Soil

Date Analyzed: 01/02/2013

Date Prepared: 01/02/2013

Analyst: KEB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| TPH By SW8015 Mod Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|-----------------------------------|------------------------------------|-----------------|--------------------------|----------------------|-----------------|------------------------------------|--------------------|-------|-------------------|---------------------|------|
| | C6-C12 Gasoline Range Hydrocarbons | <15.5 | 1030 | 1090 | 106 | 1030 | 1060 | 103 | 3 | 70-135 | 35 |
| C12-C28 Diesel Range Hydrocarbons | <15.5 | 1030 | 1090 | 106 | 1030 | 1050 | 102 | 4 | 70-135 | 35 | |

Matrix Spike Percent Recovery $[D] = 100 * (C - A) / B$
Relative Percent Difference $RPD = 200 * (C - F) / (C + F)$

Matrix Spike Duplicate Percent Recovery $[G] = 100 * (F - A) / E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery



Project Name: A-14 6-Inch Line

Work Order #: 454911

Lab Batch #: 904018

Project ID: (RP-1127)

Date Analyzed: 01/02/2013 10:25

Date Prepared: 01/02/2013

Analyst: WRU

QC- Sample ID: 454910-001 D

Batch #: 1

Matrix: Soil

Reporting Units: %

SAMPLE / SAMPLE DUPLICATE RECOVERY

| Percent Moisture Analyte | Parent Sample Result [A] | Sample Duplicate Result [B] | RPD | Control Limits %RPD | Flag |
|---------------------------------|--------------------------|-----------------------------|-----|---------------------|------|
| Percent Moisture | 21.8 | 21.9 | 0 | 20 | |

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$
 All Results are based on MDL and validated for QC purposes.
 BRL - Below Reporting Limit



Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Date/ Time Received: 12/31/2012 11:38:00 AM

Temperature Measuring device used :

Work Order #: 454911

Sample Receipt Checklist

Comments

Table with 2 columns: Checklist items (#1-#22) and Comments. Items include temperature of cooler, shipping container condition, sample receipt on ice, custody seals, chain of custody, and sample preservation.

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst: [] PH Device/Lot#: []

Checklist completed by: _____

Date: _____

Checklist reviewed by: _____

Date: _____

Analytical Report 454910,454913

for

Southern Union Gas Services- Monahans

Project Manager: Joel Lowry

A-14 6-Inch Line

(RP-1127)

09-JAN-13

Collected By: Client



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Lakeland: Florida (E84098)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)



09-JAN-13

Project Manager: **Joel Lowry**
Southern Union Gas Services- Monahans
801 South Loop 464
Monahans, TX 79756

Reference: XENCO Report No(s): **454910,454913**
A-14 6-Inch Line
Project Address: Lea County, NM

Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 454910,454913. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 454910 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Nicholas Straccione
Project Manager

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Sample Cross Reference 454910,454913



Southern Union Gas Services- Monahans, Monahans, TX

A-14 6-Inch Line

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|----------------------|---------------|-----------------------|---------------------|----------------------|
| North Sidewall | S | 12-21-12 09:40 | | 454910-001 |
| West Sidewall | S | 12-21-12 10:00 | | 454910-002 |
| South Trench #1 | S | 12-21-12 10:30 | | 454910-003 |
| South Trench #2 | S | 12-21-12 10:50 | | 454910-004 |
| South Trench #2 @ 14 | S | 12-21-12 14:00 | | 454910-005 |
| South Trench #3 | S | 12-21-12 11:10 | | 454910-006 |
| South Trench #4 | S | 12-21-12 11:20 | | 454910-007 |
| West Trench #1 | S | 12-21-12 11:30 | | 454910-008 |
| West Trench #2 | S | 12-21-12 11:50 | | 454910-009 |
| West Trench #3 | S | 12-21-12 12:10 | | 454910-010 |
| East Trench #1 | S | 12-21-12 12:50 | | 454913-001 |
| East Trench #2 | S | 12-21-12 13:10 | | 454913-002 |
| East Trench #3 | S | 12-21-12 13:30 | | 454913-003 |



CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans

Project Name: A-14 6-Inch Line



Project ID: (RP-1127)
Work Order Number(s): 454910,454913

Report Date: 09-JAN-13
Date Received: 12/31/2012

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

*Batch: LBA-904135 Inorganic Anions by EPA 300/300.1
E300*

Batch 904135, Chloride recovered below QC limits in the Matrix Spike.

Samples affected are: 454910-006, -008, -004.

The Laboratory Control Sample for Chloride is within laboratory Control Limits



Certificate of Analysis Summary 454910,454913

Southern Union Gas Services- Monahans, Monahans, TX



Project Id: (RP-1127)

Contact: Joel Lowry

Project Name: A-14 6-Inch Line

Date Received in Lab: Mon Dec-31-12 11:37 am

Report Date: 09-JAN-13

Project Location: Lea County, NM

Project Manager: Nicholas Straccione

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 454910-001 | 454910-002 | 454910-003 | 454910-004 | 454910-005 | 454910-006 |
|---|-------------------|-----------------|-----------------|-----------------|-----------------|----------------------|-----------------|
| | <i>Field Id:</i> | North Sidewall | West Sidewall | South Trench #1 | South Trench #2 | South Trench #2 @ 14 | South Trench #3 |
| | <i>Depth:</i> | | | | | | |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | Dec-21-12 09:40 | Dec-21-12 10:00 | Dec-21-12 10:30 | Dec-21-12 10:50 | Dec-21-12 14:00 | Dec-21-12 11:10 |
| Inorganic Anions by EPA 300/300.1 SUB: E871002 | <i>Extracted:</i> | Jan-02-13 17:11 | Jan-02-13 17:45 | Jan-02-13 18:03 | Jan-02-13 18:20 | Jan-02-13 18:38 | Jan-02-13 18:55 |
| | <i>Analyzed:</i> | Jan-02-13 17:11 | Jan-02-13 17:45 | Jan-02-13 18:03 | Jan-02-13 18:20 | Jan-02-13 18:38 | Jan-02-13 18:55 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL |
| Chloride | | 7.17 1.24 | 7.48 1.28 | 191 1.18 | 1930 D 5.46 | 414 1.05 | 2580 D 5.39 |
| Percent Moisture | <i>Extracted:</i> | | | | | | |
| | <i>Analyzed:</i> | Jan-02-13 10:25 | Jan-02-13 10:25 |
| | <i>Units/RL:</i> | % RL | % RL |
| Percent Moisture | | 21.8 1.00 | 23.9 1.00 | 16.9 1.00 | 9.71 1.00 | 5.39 1.00 | 7.19 1.00 |
| TPH By SW8015 Mod | <i>Extracted:</i> | Jan-02-13 09:00 | Jan-02-13 09:00 | Jan-02-13 09:00 | | | |
| | <i>Analyzed:</i> | Jan-02-13 15:35 | Jan-02-13 16:01 | Jan-02-13 16:31 | | | |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | | | |
| C6-C12 Gasoline Range Hydrocarbons | | ND 19.2 | ND 19.6 | ND 18.0 | | | |
| C12-C28 Diesel Range Hydrocarbons | | ND 19.2 | ND 19.6 | 80.3 18.0 | | | |
| C28-C35 Oil Range Hydrocarbons | | ND 19.2 | ND 19.6 | ND 18.0 | | | |
| Total TPH | | ND 19.2 | ND 19.6 | 80.3 18.0 | | | |

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Nicholas Straccione
Project Manager



Certificate of Analysis Summary 454910,454913



Southern Union Gas Services- Monahans, Monahans, TX

Project Name: A-14 6-Inch Line

Project Id: (RP-1127)

Contact: Joel Lowry

Date Received in Lab: Mon Dec-31-12 11:37 am

Report Date: 09-JAN-13

Project Location: Lea County, NM

Project Manager: Nicholas Straccione

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 454910-007 | 454910-008 | 454910-009 | 454910-010 | | |
|---|-------------------|-----------------|------------------|-----------------|-----------------|--|--|
| | <i>Field Id:</i> | South Trench #4 | West Trench #1 | West Trench #2 | West Trench #3 | | |
| | <i>Depth:</i> | | | | | | |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | | |
| | <i>Sampled:</i> | Dec-21-12 11:20 | Dec-21-12 11:30 | Dec-21-12 11:50 | Dec-21-12 12:10 | | |
| Inorganic Anions by EPA 300/300.1 SUB: E871002 | <i>Extracted:</i> | Jan-02-13 19:47 | Jan-02-13 20:05 | Jan-02-13 20:22 | Jan-02-13 20:39 | | |
| | <i>Analyzed:</i> | Jan-02-13 19:47 | Jan-02-13 20:05 | Jan-02-13 20:22 | Jan-02-13 20:39 | | |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | | |
| Chloride | | 392 1.03 | 1400 D 5.38 | 358 1.04 | 226 1.02 | | |
| Percent Moisture | <i>Extracted:</i> | | | | | | |
| | <i>Analyzed:</i> | Jan-02-13 10:25 | Jan-02-13 10:25 | Jan-02-13 10:25 | Jan-02-13 10:25 | | |
| | <i>Units/RL:</i> | % RL | % RL | % RL | % RL | | |
| Percent Moisture | | 2.99 1.00 | 7.14 1.00 | 4.11 1.00 | 3.94 1.00 | | |

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Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Nicholas Straccione
Project Manager



Certificate of Analysis Summary 454910,454913

Southern Union Gas Services- Monahans, Monahans, TX



Project Id: (RP-1127)

Contact: Joel Lowry

Project Name: A-14 6-Inch Line

Date Received in Lab: Mon Dec-31-12 11:37 am

Report Date: 09-JAN-13

Project Location: Lea County, NM

Project Manager: Nicholas Straccione

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 454913-001 | 454913-002 | 454913-003 | | | |
|---|-------------------|-----------------|-----------------|-----------------|--|--|--|
| | <i>Field Id:</i> | East Trench #1 | East Trench #2 | East Trench #3 | | | |
| | <i>Depth:</i> | | | | | | |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | | | |
| | <i>Sampled:</i> | Dec-21-12 12:50 | Dec-21-12 13:10 | Dec-21-12 13:30 | | | |
| Inorganic Anions by EPA 300/300.1 SUB: E871002 | <i>Extracted:</i> | Jan-02-13 23:16 | Jan-02-13 23:33 | Jan-02-13 23:51 | | | |
| | <i>Analyzed:</i> | Jan-02-13 23:16 | Jan-02-13 23:33 | Jan-02-13 23:51 | | | |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | | | |
| Chloride | | 644 0.973 | 588 0.974 | 128 0.998 | | | |
| Percent Moisture | <i>Extracted:</i> | | | | | | |
| | <i>Analyzed:</i> | Jan-02-13 11:00 | Jan-02-13 11:00 | Jan-02-13 11:00 | | | |
| | <i>Units/RL:</i> | % RL | % RL | % RL | | | |
| Percent Moisture | | 6.99 1.00 | 5.48 1.00 | 19.6 1.00 | | | |

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Nicholas Straccione
Project Manager

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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 2505 North Falkenburg Rd, Tampa, FL 33619
 12600 West I-20 East, Odessa, TX 79765
 6017 Financial Drive, Norcross, GA 30071
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| (813) 620-2000 | (813) 620-2033 |
| (432) 563-1800 | (432) 563-1713 |
| (770) 449-8800 | (770) 449-5477 |
| (602) 437-0330 | |



Form 2 - Surrogate Recoveries

Project Name: A-14 6-Inch Line

Work Orders : 454910, 454910,454913

Project ID: (RP-1127)

Lab Batch #: 904017

Sample: 454910-001 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | | |
|--------------------------|-------------------------------|-------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/02/13 15:35 | TPH By SW8015 Mod | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| | | Analytes | | | | | |
| | | 1-Chlorooctane | 90.0 | 100 | 90 | 70-135 | |
| | | o-Terphenyl | 43.6 | 50.1 | 87 | 70-135 | |

Lab Batch #: 904017

Sample: 454910-002 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | | |
|--------------------------|-------------------------------|-------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/02/13 16:01 | TPH By SW8015 Mod | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| | | Analytes | | | | | |
| | | 1-Chlorooctane | 87.4 | 99.5 | 88 | 70-135 | |
| | | o-Terphenyl | 43.0 | 49.8 | 86 | 70-135 | |

Lab Batch #: 904017

Sample: 454910-003 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | | |
|--------------------------|-------------------------------|-------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/02/13 16:31 | TPH By SW8015 Mod | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| | | Analytes | | | | | |
| | | 1-Chlorooctane | 85.3 | 99.6 | 86 | 70-135 | |
| | | o-Terphenyl | 41.8 | 49.8 | 84 | 70-135 | |

Lab Batch #: 904017

Sample: 631942-1-BLK / BLK

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | | |
|--------------------------|-------------------------------|-------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/02/13 15:06 | TPH By SW8015 Mod | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| | | Analytes | | | | | |
| | | 1-Chlorooctane | 88.5 | 99.9 | 89 | 70-135 | |
| | | o-Terphenyl | 42.4 | 50.0 | 85 | 70-135 | |

Lab Batch #: 904017

Sample: 631942-1-BKS / BKS

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | | |
|--------------------------|-------------------------------|-------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/02/13 14:07 | TPH By SW8015 Mod | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| | | Analytes | | | | | |
| | | 1-Chlorooctane | 86.6 | 100 | 87 | 70-135 | |
| | | o-Terphenyl | 47.7 | 50.1 | 95 | 70-135 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: A-14 6-Inch Line

Work Orders : 454910, 454910,454913

Project ID: (RP-1127)

Lab Batch #: 904017

Sample: 631942-1-BSD / BSD

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/02/13 14:36 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 85.8 | 99.9 | 86 | 70-135 | |
| o-Terphenyl | | 44.6 | 50.0 | 89 | 70-135 | |

Lab Batch #: 904017

Sample: 454911-002 S / MS

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/02/13 21:36 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 91.3 | 99.8 | 91 | 70-135 | |
| o-Terphenyl | | 51.0 | 49.9 | 102 | 70-135 | |

Lab Batch #: 904017

Sample: 454911-002 SD / MSD

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/02/13 22:02 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 85.8 | 99.7 | 86 | 70-135 | |
| o-Terphenyl | | 48.2 | 49.9 | 97 | 70-135 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



BS / BSD Recoveries



Project Name: A-14 6-Inch Line

Work Order #: 454910, 454910, 454913

Analyst: JOL

Date Prepared: 01/02/2013

Project ID: (RP-1127)

Date Analyzed: 01/02/2013

Lab Batch ID: 904013

Sample: 631941-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| Inorganic Anions by EPA 300/300.1 | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|-----------------------------------|-------------------------|-----------------|------------------------|--------------------|-----------------|----------------------------------|----------------------|-------|-------------------|---------------------|------|
| Chloride | <1.00 | 100 | 106 | 106 | 100 | 106 | 106 | 0 | 80-120 | 20 | |

Analyst: JOL

Date Prepared: 01/03/2013

Date Analyzed: 01/03/2013

Lab Batch ID: 904135

Sample: 632018-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| Inorganic Anions by EPA 300/300.1 | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|-----------------------------------|-------------------------|-----------------|------------------------|--------------------|-----------------|----------------------------------|----------------------|-------|-------------------|---------------------|------|
| Chloride | <1.00 | 100 | 105 | 105 | 100 | 105 | 105 | 0 | 80-120 | 20 | |

Analyst: KEB

Date Prepared: 01/02/2013

Date Analyzed: 01/02/2013

Lab Batch ID: 904017

Sample: 631942-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| TPH By SW8015 Mod | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|------------------------------------|-------------------------|-----------------|------------------------|--------------------|-----------------|----------------------------------|----------------------|-------|-------------------|---------------------|------|
| C6-C12 Gasoline Range Hydrocarbons | <15.0 | 1000 | 1010 | 101 | 999 | 983 | 98 | 3 | 70-135 | 35 | |
| C12-C28 Diesel Range Hydrocarbons | <15.0 | 1000 | 983 | 98 | 999 | 954 | 95 | 3 | 70-135 | 35 | |

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Blank Spike Recovery [D] = 100*(C)/[B]

Blank Spike Duplicate Recovery [G] = 100*(F)/[E]

All results are based on MDL and Validated for QC Purposes

Form 3 - MS Recoveries



Project Name: A-14 6-Inch Line

Work Order #: 454910

Lab Batch #: 904013

Date Analyzed: 01/02/2013

QC- Sample ID: 454910-001 S

Reporting Units: mg/kg

Date Prepared: 01/02/2013

Batch #: 1

Project ID: (RP-1127)

Analyst: JOL

Matrix: Soil

| MATRIX / MATRIX SPIKE RECOVERY STUDY | | | | | | |
|--------------------------------------|--------------------------|-----------------|--------------------------|--------|-------------------|------|
| Inorganic Anions by EPA 300 | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | %R [D] | Control Limits %R | Flag |
| Analytes | | | | | | |
| Chloride | 7.17 | 124 | 136 | 104 | 80-120 | |

Lab Batch #: 904013

Date Analyzed: 01/02/2013

QC- Sample ID: 454911-001 S

Reporting Units: mg/kg

Date Prepared: 01/02/2013

Batch #: 1

Analyst: JOL

Matrix: Soil

| MATRIX / MATRIX SPIKE RECOVERY STUDY | | | | | | |
|--------------------------------------|--------------------------|-----------------|--------------------------|--------|-------------------|------|
| Inorganic Anions by EPA 300 | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | %R [D] | Control Limits %R | Flag |
| Analytes | | | | | | |
| Chloride | 17.0 | 99.1 | 117 | 101 | 80-120 | |

Lab Batch #: 904135

Date Analyzed: 01/03/2013

QC- Sample ID: 454862-001 S

Reporting Units: mg/kg

Date Prepared: 01/03/2013

Batch #: 1

Analyst: JOL

Matrix: Soil

| MATRIX / MATRIX SPIKE RECOVERY STUDY | | | | | | |
|--------------------------------------|--------------------------|-----------------|--------------------------|--------|-------------------|------|
| Inorganic Anions by EPA 300 | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | %R [D] | Control Limits %R | Flag |
| Analytes | | | | | | |
| Chloride | 1180 | 134 | 1280 | 75 | 80-120 | X |

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
 Relative Percent Difference [E] = 200*(C-A)/(C+B)
 All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit



Form 3 - MS / MSD Recoveries



Project Name: A-14 6-Inch Line

Work Order #: 454910

Project ID: (RP-1127)

Lab Batch ID: 904017

QC- Sample ID: 454911-002 S

Batch #: 1 Matrix: Soil

Date Analyzed: 01/02/2013

Date Prepared: 01/02/2013

Analyst: KEB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| TPH By SW8015 Mod Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|-----------------------------------|------------------------------------|-----------------|--------------------------|----------------------|-----------------|------------------------------------|--------------------|-------|-------------------|---------------------|------|
| | C6-C12 Gasoline Range Hydrocarbons | <15.5 | 1030 | 1090 | 106 | 1030 | 1060 | 103 | 3 | 70-135 | 35 |
| C12-C28 Diesel Range Hydrocarbons | <15.5 | 1030 | 1090 | 106 | 1030 | 1050 | 102 | 4 | 70-135 | 35 | |

Matrix Spike Percent Recovery $[D] = 100 * (C - A) / B$
Relative Percent Difference $RPD = 200 * (C - F) / (C + F)$

Matrix Spike Duplicate Percent Recovery $[G] = 100 * (F - A) / E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery



Project Name: A-14 6-Inch Line

Work Order #: 454910

Lab Batch #: 904018

Project ID: (RP-1127)

Date Analyzed: 01/02/2013 10:25

Date Prepared: 01/02/2013

Analyst: WRU

QC- Sample ID: 454910-001 D

Batch #: 1

Matrix: Soil

Reporting Units: %

SAMPLE / SAMPLE DUPLICATE RECOVERY

| Percent Moisture Analyte | Parent Sample Result [A] | Sample Duplicate Result [B] | RPD | Control Limits %RPD | Flag |
|---------------------------------|--------------------------|-----------------------------|-----|---------------------|------|
| Percent Moisture | 21.8 | 21.9 | 0 | 20 | |

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$
 All Results are based on MDL and validated for QC purposes.
 BRL - Below Reporting Limit

Analytical Report 455231

for

Southern Union Gas Services- Monahans

Project Manager: Joel Lowry

A-14 6" Historical

RP-1127

10-JAN-13

Collected By: Client



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Lakeland: Florida (E84098)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)



10-JAN-13

Project Manager: **Joel Lowry**
Southern Union Gas Services- Monahans
801 South Loop 464
Monahans, TX 79756

Reference: XENCO Report No(s): **455231**
A-14 6" Historical
Project Address: Lea County, NM

Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 455231. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 455231 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Nicholas Straccione
Project Manager

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Sample Cross Reference 455231



Southern Union Gas Services- Monahans, Monahans, TX

A-14 6" Historical

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|------------------|---------------|-----------------------|---------------------|----------------------|
| Floor | S | 01-03-13 10:20 | | 455231-001 |
| West Wall | S | 01-03-13 12:00 | | 455231-002 |
| North Wall | S | 01-03-13 13:10 | | 455231-003 |
| South Wall | S | 01-03-13 13:45 | | 455231-004 |
| East Wall | S | 01-07-13 09:00 | | 455231-005 |
| East Floor | S | 01-07-13 09:15 | | 455231-006 |
| Stockpile | S | 01-07-13 09:20 | | 455231-007 |



CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans
Project Name: A-14 6" Historical



Project ID: RP-1127
Work Order Number(s): 455231

Report Date: 10-JAN-13
Date Received: 01/08/2013

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-904350 Inorganic Anions by EPA 300/300.1
E300

Batch 904350, Chloride recovered below QC limits in the Matrix Spike.

Samples affected are: 455231-001.

The Laboratory Control Sample for Chloride is within laboratory Control Limits

Batch: LBA-904408 BTEX by EPA 8021B
SW8021BM

Batch 904408, Ethylbenzene, Toluene, m,p-Xylenes RPD was outside QC limits.

Samples affected are: 455231-004

SW8021BM

Batch 904408, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Benzene recovered below QC limits in the Matrix Spike Duplicate.

Samples affected are: 455231-004.

The Laboratory Control Sample for Toluene, m,p-Xylenes, Benzene, Ethylbenzene, o-Xylene is within laboratory Control Limits



Certificate of Analysis Summary 455231

Southern Union Gas Services- Monahans, Monahans, TX



Project Id: RP-1127

Contact: Joel Lowry

Project Name: A-14 6" Historical

Date Received in Lab: Tue Jan-08-13 02:18 pm

Report Date: 10-JAN-13

Project Location: Lea County, NM

Project Manager: Nicholas Straccione

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 455231-001 | 455231-002 | 455231-003 | 455231-004 | 455231-005 | 455231-006 |
|---|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | <i>Field Id:</i> | Floor | West Wall | North Wall | South Wall | East Wall | East Floor |
| | <i>Depth:</i> | | | | | | |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | Jan-03-13 10:20 | Jan-03-13 12:00 | Jan-03-13 13:10 | Jan-03-13 13:45 | Jan-07-13 09:00 | Jan-07-13 09:15 |
| BTEX by EPA 8021B | <i>Extracted:</i> | Jan-09-13 08:00 | Jan-09-13 08:00 | Jan-09-13 08:00 | Jan-09-13 15:40 | Jan-09-13 08:00 | Jan-09-13 08:00 |
| | <i>Analyzed:</i> | Jan-09-13 09:40 | Jan-09-13 11:17 | Jan-09-13 10:11 | Jan-10-13 10:30 | Jan-09-13 10:44 | Jan-09-13 11:00 |
| | <i>Units/RL:</i> | mg/kg RL |
| Benzene | | ND 0.00120 | ND 0.00107 | ND 0.00111 | ND 0.00125 | ND 0.00106 | ND 0.00104 |
| Toluene | | ND 0.00241 | ND 0.00215 | ND 0.00223 | ND 0.00250 | ND 0.00211 | ND 0.00209 |
| Ethylbenzene | | ND 0.00120 | ND 0.00107 | ND 0.00111 | ND 0.00125 | ND 0.00106 | ND 0.00104 |
| m,p-Xylenes | | ND 0.00241 | ND 0.00215 | ND 0.00223 | ND 0.00250 | ND 0.00211 | ND 0.00209 |
| o-Xylene | | ND 0.00120 | ND 0.00107 | ND 0.00111 | ND 0.00125 | ND 0.00106 | ND 0.00104 |
| Total Xylenes | | ND 0.00120 | ND 0.00107 | ND 0.00111 | ND 0.00125 | ND 0.00106 | ND 0.00104 |
| Total BTEX | | ND 0.00120 | ND 0.00107 | ND 0.00111 | ND 0.00125 | ND 0.00106 | ND 0.00104 |
| Inorganic Anions by EPA 300/300.1 SUB: E871002 | <i>Extracted:</i> | Jan-09-13 14:45 | Jan-09-13 15:37 | Jan-09-13 15:55 | Jan-09-13 16:12 | Jan-09-13 16:29 | Jan-09-13 16:47 |
| | <i>Analyzed:</i> | Jan-09-13 14:45 | Jan-09-13 15:37 | Jan-09-13 15:55 | Jan-09-13 16:12 | Jan-09-13 16:29 | Jan-09-13 16:47 |
| | <i>Units/RL:</i> | mg/kg RL |
| Chloride | | 263 1.18 | 167 1.06 | 655 1.12 | 233 1.25 | 72.5 1.06 | 19.6 1.05 |
| Percent Moisture | <i>Extracted:</i> | | | | | | |
| | <i>Analyzed:</i> | Jan-08-13 15:25 | Jan-08-13 15:25 | Jan-08-13 15:40 | Jan-08-13 15:40 | Jan-08-13 15:40 | Jan-08-13 15:40 |
| | <i>Units/RL:</i> | % RL |
| Percent Moisture | | 16.4 1.00 | 7.01 1.00 | 10.4 1.00 | 20.1 1.00 | 5.25 1.00 | 4.49 1.00 |
| TPH By SW8015 Mod | <i>Extracted:</i> | Jan-08-13 14:45 |
| | <i>Analyzed:</i> | Jan-08-13 17:49 | Jan-08-13 18:48 | Jan-08-13 19:17 | Jan-08-13 19:46 | Jan-08-13 20:14 | Jan-08-13 20:42 |
| | <i>Units/RL:</i> | mg/kg RL |
| C6-C12 Gasoline Range Hydrocarbons | | ND 17.9 | ND 16.1 | ND 16.7 | ND 18.7 | ND 15.8 | ND 15.7 |
| C12-C28 Diesel Range Hydrocarbons | | ND 17.9 | ND 16.1 | 98.0 16.7 | ND 18.7 | ND 15.8 | ND 15.7 |
| C28-C35 Oil Range Hydrocarbons | | ND 17.9 | ND 16.1 | ND 16.7 | ND 18.7 | ND 15.8 | ND 15.7 |
| Total TPH | | ND 17.9 | ND 16.1 | 98.0 16.7 | ND 18.7 | ND 15.8 | ND 15.7 |

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Nicholas Straccione
Project Manager

Certificate of Analysis Summary 455231

Southern Union Gas Services- Monahans, Monahans, TX



Project Id: RP-1127

Contact: Joel Lowry

Project Name: A-14 6" Historical

Date Received in Lab: Tue Jan-08-13 02:18 pm

Report Date: 10-JAN-13

Project Location: Lea County, NM

Project Manager: Nicholas Straccione

| | | | | | | |
|---|--|------|------|--|--|--|
| <i>Analysis Requested</i> | Lab Id: 455231-007 Field Id: Stockpile Depth: Matrix: SOIL Sampled: Jan-07-13 09:20 | | | | | |
| Inorganic Anions by EPA 300/300.1 SUB: E871002 | Extracted: Jan-09-13 17:22 Analyzed: Jan-09-13 17:22 Units/RL: mg/kg RL | | | | | |
| Chloride | | 710 | 1.10 | | | |
| Percent Moisture | Extracted: Analyzed: Jan-08-13 14:50 Units/RL: % RL | | | | | |
| Percent Moisture | | 8.72 | 1.00 | | | |

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Nicholas Straccione
Project Manager

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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 2505 North Falkenburg Rd, Tampa, FL 33619
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| (770) 449-8800 | (770) 449-5477 |
| (602) 437-0330 | |



Form 2 - Surrogate Recoveries

Project Name: A-14 6" Historical

Work Orders : 455231,

Project ID: RP-1127

Lab Batch #: 904313

Sample: 455231-001 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/08/13 17:49 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 96.4 | 99.9 | 96 | 70-135 | |
| o-Terphenyl | | 47.0 | 50.0 | 94 | 70-135 | |

Lab Batch #: 904313

Sample: 455231-002 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/08/13 18:48 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 93.6 | 100 | 94 | 70-135 | |
| o-Terphenyl | | 45.3 | 50.0 | 91 | 70-135 | |

Lab Batch #: 904313

Sample: 455231-003 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/08/13 19:17 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 93.8 | 99.9 | 94 | 70-135 | |
| o-Terphenyl | | 45.8 | 50.0 | 92 | 70-135 | |

Lab Batch #: 904313

Sample: 455231-004 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/08/13 19:46 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 92.7 | 99.5 | 93 | 70-135 | |
| o-Terphenyl | | 45.6 | 49.8 | 92 | 70-135 | |

Lab Batch #: 904313

Sample: 455231-005 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/08/13 20:14 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 99.7 | 99.9 | 100 | 70-135 | |
| o-Terphenyl | | 47.7 | 50.0 | 95 | 70-135 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: A-14 6" Historical

Work Orders : 455231,

Project ID: RP-1127

Lab Batch #: 904313

Sample: 455231-006 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/08/13 20:42 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 93.0 | 100 | 93 | 70-135 | |
| o-Terphenyl | | 44.8 | 50.0 | 90 | 70-135 | |

Lab Batch #: 904355

Sample: 455231-001 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/09/13 09:40 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| BTEX by EPA 8021B | | | | | | |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0252 | 0.0300 | 84 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0259 | 0.0300 | 86 | 80-120 | |

Lab Batch #: 904355

Sample: 455231-003 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/09/13 10:11 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| BTEX by EPA 8021B | | | | | | |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0250 | 0.0300 | 83 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0318 | 0.0300 | 106 | 80-120 | |

Lab Batch #: 904355

Sample: 455231-005 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/09/13 10:44 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| BTEX by EPA 8021B | | | | | | |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0267 | 0.0300 | 89 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0304 | 0.0300 | 101 | 80-120 | |

Lab Batch #: 904355

Sample: 455231-006 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/09/13 11:00 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| BTEX by EPA 8021B | | | | | | |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0279 | 0.0300 | 93 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0305 | 0.0300 | 102 | 80-120 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: A-14 6" Historical

Work Orders : 455231,

Project ID: RP-1127

Lab Batch #: 904355

Sample: 455231-002 / SMP

Batch: 1 Matrix: Soil

| Units: mg/kg | | Date Analyzed: 01/09/13 11:17 | | SURROGATE RECOVERY STUDY | | |
|----------------------|--|-------------------------------|-----------------|--------------------------|-------------------|-------|
| BTEX by EPA 8021B | | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0281 | 0.0300 | 94 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0260 | 0.0300 | 87 | 80-120 | |

Lab Batch #: 904408

Sample: 455231-004 / SMP

Batch: 1 Matrix: Soil

| Units: mg/kg | | Date Analyzed: 01/10/13 10:30 | | SURROGATE RECOVERY STUDY | | |
|----------------------|--|-------------------------------|-----------------|--------------------------|-------------------|-------|
| BTEX by EPA 8021B | | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0242 | 0.0300 | 81 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0264 | 0.0300 | 88 | 80-120 | |

Lab Batch #: 904313

Sample: 632121-1-BLK / BLK

Batch: 1 Matrix: Solid

| Units: mg/kg | | Date Analyzed: 01/08/13 12:24 | | SURROGATE RECOVERY STUDY | | |
|-------------------|--|-------------------------------|-----------------|--------------------------|-------------------|-------|
| TPH By SW8015 Mod | | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | | |
| 1-Chlorooctane | | 92.0 | 99.8 | 92 | 70-135 | |
| o-Terphenyl | | 44.9 | 49.9 | 90 | 70-135 | |

Lab Batch #: 904355

Sample: 632171-1-BLK / BLK

Batch: 1 Matrix: Solid

| Units: mg/kg | | Date Analyzed: 01/09/13 09:24 | | SURROGATE RECOVERY STUDY | | |
|----------------------|--|-------------------------------|-----------------|--------------------------|-------------------|-------|
| BTEX by EPA 8021B | | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0305 | 0.0300 | 102 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0338 | 0.0300 | 113 | 80-120 | |

Lab Batch #: 904408

Sample: 632201-1-BLK / BLK

Batch: 1 Matrix: Solid

| Units: mg/kg | | Date Analyzed: 01/09/13 17:40 | | SURROGATE RECOVERY STUDY | | |
|----------------------|--|-------------------------------|-----------------|--------------------------|-------------------|-------|
| BTEX by EPA 8021B | | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0312 | 0.0300 | 104 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0277 | 0.0300 | 92 | 80-120 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: A-14 6" Historical

Work Orders : 455231,

Project ID: RP-1127

Lab Batch #: 904313

Sample: 632121-1-BKS / BKS

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/08/13 11:28 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 94.5 | 99.9 | 95 | 70-135 | |
| o-Terphenyl | | 49.0 | 50.0 | 98 | 70-135 | |

Lab Batch #: 904355

Sample: 632171-1-BKS / BKS

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/09/13 08:51 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| BTEX by EPA 8021B | | | | | | |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0300 | 0.0300 | 100 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0322 | 0.0300 | 107 | 80-120 | |

Lab Batch #: 904408

Sample: 632201-1-BKS / BKS

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/09/13 17:07 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| BTEX by EPA 8021B | | | | | | |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0325 | 0.0300 | 108 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0329 | 0.0300 | 110 | 80-120 | |

Lab Batch #: 904313

Sample: 632121-1-BSD / BSD

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/08/13 11:56 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 95.7 | 99.9 | 96 | 70-135 | |
| o-Terphenyl | | 50.5 | 50.0 | 101 | 70-135 | |

Lab Batch #: 904355

Sample: 632171-1-BSD / BSD

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/09/13 09:08 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| BTEX by EPA 8021B | | | | | | |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0312 | 0.0300 | 104 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0332 | 0.0300 | 111 | 80-120 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: A-14 6" Historical

Work Orders : 455231,

Project ID: RP-1127

Lab Batch #: 904408

Sample: 632201-1-BSD / BSD

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | |
|--------------------------|-------------------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/09/13 17:24 | | | | |
| BTEX by EPA 8021B | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | |
| 1,4-Difluorobenzene | 0.0327 | 0.0300 | 109 | 80-120 | |
| 4-Bromofluorobenzene | 0.0329 | 0.0300 | 110 | 80-120 | |

Lab Batch #: 904313

Sample: 455231-006 S / MS

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | |
|--------------------------|-------------------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/08/13 23:31 | | | | |
| TPH By SW8015 Mod | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | |
| 1-Chlorooctane | 98.7 | 99.7 | 99 | 70-135 | |
| o-Terphenyl | 53.6 | 49.9 | 107 | 70-135 | |

Lab Batch #: 904355

Sample: 455231-001 S / MS

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | |
|--------------------------|-------------------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/09/13 15:54 | | | | |
| BTEX by EPA 8021B | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | |
| 1,4-Difluorobenzene | 0.0283 | 0.0300 | 94 | 80-120 | |
| 4-Bromofluorobenzene | 0.0319 | 0.0300 | 106 | 80-120 | |

Lab Batch #: 904408

Sample: 455346-001 S / MS

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | |
|--------------------------|-------------------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/09/13 22:15 | | | | |
| BTEX by EPA 8021B | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | |
| 1,4-Difluorobenzene | 0.0324 | 0.0300 | 108 | 80-120 | |
| 4-Bromofluorobenzene | 0.0347 | 0.0300 | 116 | 80-120 | |

Lab Batch #: 904313

Sample: 455231-006 SD / MSD

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | |
|--------------------------|-------------------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/08/13 23:59 | | | | |
| TPH By SW8015 Mod | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | |
| 1-Chlorooctane | 105 | 100 | 105 | 70-135 | |
| o-Terphenyl | 54.7 | 50.1 | 109 | 70-135 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: A-14 6" Historical

Work Orders : 455231,

Project ID: RP-1127

Lab Batch #: 904355

Sample: 455231-001 SD / MSD

Batch: 1 Matrix: Soil

| Units: mg/kg | | Date Analyzed: 01/09/13 15:38 | | SURROGATE RECOVERY STUDY | | |
|----------------------|--|-------------------------------|-----------------|--------------------------|-------------------|-------|
| BTEX by EPA 8021B | | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0324 | 0.0300 | 108 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0301 | 0.0300 | 100 | 80-120 | |

Lab Batch #: 904408

Sample: 455346-001 SD / MSD

Batch: 1 Matrix: Soil

| Units: mg/kg | | Date Analyzed: 01/09/13 22:31 | | SURROGATE RECOVERY STUDY | | |
|----------------------|--|-------------------------------|-----------------|--------------------------|-------------------|-------|
| BTEX by EPA 8021B | | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| Analytes | | | | | | |
| 1,4-Difluorobenzene | | 0.0331 | 0.0300 | 110 | 80-120 | |
| 4-Bromofluorobenzene | | 0.0290 | 0.0300 | 97 | 80-120 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: A-14 6" Historical

Work Order #: 455231

Analyst: KEB

Date Prepared: 01/09/2013

Project ID: RP-1127

Date Analyzed: 01/09/2013

Lab Batch ID: 904355

Sample: 632171-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| BTEX by EPA 8021B | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|-------------------|-------------------------|-----------------|------------------------|--------------------|-----------------|----------------------------------|----------------------|-------|-------------------|---------------------|------|
| Analytes | | | | | | | | | | | |
| Benzene | <0.00100 | 0.100 | 0.0790 | 79 | 0.0996 | 0.0753 | 76 | 5 | 70-130 | 35 | |
| Toluene | <0.00200 | 0.100 | 0.0790 | 79 | 0.0996 | 0.0749 | 75 | 5 | 70-130 | 35 | |
| Ethylbenzene | <0.00100 | 0.100 | 0.0807 | 81 | 0.0996 | 0.0757 | 76 | 6 | 71-129 | 35 | |
| m,p-Xylenes | <0.00200 | 0.200 | 0.154 | 77 | 0.199 | 0.143 | 72 | 7 | 70-135 | 35 | |
| o-Xylene | <0.00100 | 0.100 | 0.0818 | 82 | 0.0996 | 0.0714 | 72 | 14 | 71-133 | 35 | |

Analyst: KEB

Date Prepared: 01/09/2013

Date Analyzed: 01/09/2013

Lab Batch ID: 904408

Sample: 632201-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| BTEX by EPA 8021B | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|-------------------|-------------------------|-----------------|------------------------|--------------------|-----------------|----------------------------------|----------------------|-------|-------------------|---------------------|------|
| Analytes | | | | | | | | | | | |
| Benzene | <0.000996 | 0.0996 | 0.0846 | 85 | 0.0998 | 0.0934 | 94 | 10 | 70-130 | 35 | |
| Toluene | <0.00199 | 0.0996 | 0.0811 | 81 | 0.0998 | 0.0943 | 94 | 15 | 70-130 | 35 | |
| Ethylbenzene | <0.000996 | 0.0996 | 0.0835 | 84 | 0.0998 | 0.0908 | 91 | 8 | 71-129 | 35 | |
| m,p-Xylenes | <0.00199 | 0.199 | 0.160 | 80 | 0.200 | 0.172 | 86 | 7 | 70-135 | 35 | |
| o-Xylene | <0.000996 | 0.0996 | 0.0841 | 84 | 0.0998 | 0.0893 | 89 | 6 | 71-133 | 35 | |

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Blank Spike Recovery [D] = 100*(C)/[B]

Blank Spike Duplicate Recovery [G] = 100*(F)/[E]

All results are based on MDL and Validated for QC Purposes



BS / BSD Recoveries



Project Name: A-14 6" Historical

Work Order #: 455231

Analyst: RKO

Date Prepared: 01/09/2013

Project ID: RP-1127

Date Analyzed: 01/09/2013

Lab Batch ID: 904350

Sample: 632166-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| Inorganic Anions by EPA 300/300.1 | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|--|--------------------------------|------------------------|-------------------------------|---------------------------|------------------------|---|-----------------------------|--------------|--------------------------|----------------------------|-------------|
| Analytes | | | | | | | | | | | |
| Chloride | <1.00 | 100 | 105 | 105 | 100 | 105 | 105 | 0 | 80-120 | 20 | |

Analyst: KEB

Date Prepared: 01/08/2013

Date Analyzed: 01/08/2013

Lab Batch ID: 904313

Sample: 632121-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| TPH By SW8015 Mod | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|------------------------------------|--------------------------------|------------------------|-------------------------------|---------------------------|------------------------|---|-----------------------------|--------------|--------------------------|----------------------------|-------------|
| Analytes | | | | | | | | | | | |
| C6-C12 Gasoline Range Hydrocarbons | <15.0 | 999 | 947 | 95 | 999 | 966 | 97 | 2 | 70-135 | 35 | |
| C12-C28 Diesel Range Hydrocarbons | <15.0 | 999 | 921 | 92 | 999 | 929 | 93 | 1 | 70-135 | 35 | |

Relative Percent Difference RPD = 200*(C-F)/(C+F)

Blank Spike Recovery [D] = 100*(C)/[B]

Blank Spike Duplicate Recovery [G] = 100*(F)/[E]

All results are based on MDL and Validated for QC Purposes

Form 3 - MS Recoveries



Project Name: A-14 6" Historical

Work Order #: 455231

Lab Batch #: 904350

Date Analyzed: 01/09/2013

QC- Sample ID: 455231-006 S

Reporting Units: mg/kg

Project ID: RP-1127

Analyst: RKO

Date Prepared: 01/09/2013

Batch #: 1

Matrix: Soil

| MATRIX / MATRIX SPIKE RECOVERY STUDY | | | | | | |
|--------------------------------------|--------------------------|-----------------|--------------------------|--------|-------------------|------|
| Inorganic Anions by EPA 300 | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | %R [D] | Control Limits %R | Flag |
| Analytes | | | | | | |
| Chloride | 19.6 | 105 | 125 | 100 | 80-120 | |

Lab Batch #: 904350

Date Analyzed: 01/09/2013

QC- Sample ID: 455245-001 S

Reporting Units: mg/kg

Date Prepared: 01/09/2013

Analyst: RKO

Batch #: 1

Matrix: Soil

| MATRIX / MATRIX SPIKE RECOVERY STUDY | | | | | | |
|--------------------------------------|--------------------------|-----------------|--------------------------|--------|-------------------|------|
| Inorganic Anions by EPA 300 | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | %R [D] | Control Limits %R | Flag |
| Analytes | | | | | | |
| Chloride | 178 | 102 | 248 | 69 | 80-120 | X |

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
 Relative Percent Difference [E] = 200*(C-A)/(C+B)
 All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit



Form 3 - MS / MSD Recoveries



Project Name: A-14 6" Historical

Work Order #: 455231

Project ID: RP-1127

Lab Batch ID: 904355

QC- Sample ID: 455231-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 01/09/2013

Date Prepared: 01/09/2013

Analyst: KEB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|-------------------------------|--------------------------|-----------------|--------------------------|----------------------|-----------------|------------------------------------|--------------------|-------|-------------------|---------------------|------|
| Benzene | <0.00120 | 0.120 | 0.113 | 94 | 0.120 | 0.0951 | 79 | 17 | 70-130 | 35 | |
| Toluene | <0.00239 | 0.120 | 0.104 | 87 | 0.120 | 0.0916 | 76 | 13 | 70-130 | 35 | |
| Ethylbenzene | <0.00120 | 0.120 | 0.108 | 90 | 0.120 | 0.0945 | 79 | 13 | 71-129 | 35 | |
| m,p-Xylenes | <0.00239 | 0.239 | 0.208 | 87 | 0.239 | 0.180 | 75 | 14 | 70-135 | 35 | |
| o-Xylene | <0.00120 | 0.120 | 0.103 | 86 | 0.120 | 0.0909 | 76 | 12 | 71-133 | 35 | |

Lab Batch ID: 904408

QC- Sample ID: 455346-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 01/09/2013

Date Prepared: 01/09/2013

Analyst: KEB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| BTEX by EPA 8021B Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|-------------------------------|--------------------------|-----------------|--------------------------|----------------------|-----------------|------------------------------------|--------------------|-------|-------------------|---------------------|------|
| Benzene | <0.00119 | 0.119 | 0.0870 | 73 | 0.118 | 0.0609 | 52 | 35 | 70-130 | 35 | X |
| Toluene | <0.00237 | 0.119 | 0.0817 | 69 | 0.118 | 0.0513 | 43 | 46 | 70-130 | 35 | XF |
| Ethylbenzene | <0.00119 | 0.119 | 0.0746 | 63 | 0.118 | 0.0474 | 40 | 45 | 71-129 | 35 | XF |
| m,p-Xylenes | <0.00237 | 0.237 | 0.139 | 59 | 0.237 | 0.0912 | 38 | 42 | 70-135 | 35 | XF |
| o-Xylene | <0.00119 | 0.119 | 0.0725 | 61 | 0.118 | 0.0545 | 46 | 28 | 71-133 | 35 | X |

Matrix Spike Percent Recovery $[D] = 100 * (C-A) / B$
Relative Percent Difference $RPD = 200 * (C-F) / (C+F)$

Matrix Spike Duplicate Percent Recovery $[G] = 100 * (F-A) / E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit



Form 3 - MS / MSD Recoveries



Project Name: A-14 6" Historical

Work Order #: 455231

Project ID: RP-1127

Lab Batch ID: 904313

QC- Sample ID: 455231-006 S

Batch #: 1 Matrix: Soil

Date Analyzed: 01/08/2013

Date Prepared: 01/08/2013

Analyst: KEB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| TPH By SW8015 Mod Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|-----------------------------------|------------------------------------|-----------------|--------------------------|----------------------|-----------------|------------------------------------|--------------------|-------|-------------------|---------------------|------|
| | C6-C12 Gasoline Range Hydrocarbons | <15.7 | 1040 | 1050 | 101 | 1050 | 1120 | 107 | 6 | 70-135 | 35 |
| C12-C28 Diesel Range Hydrocarbons | <15.7 | 1040 | 1040 | 100 | 1050 | 1100 | 105 | 6 | 70-135 | 35 | |

Matrix Spike Percent Recovery $[D] = 100 * (C - A) / B$
Relative Percent Difference $RPD = 200 * (C - F) / (C + F)$

Matrix Spike Duplicate Percent Recovery $[G] = 100 * (F - A) / E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery



Project Name: A-14 6" Historical

Work Order #: 455231

Lab Batch #: 904293

Project ID: RP-1127

Date Analyzed: 01/08/2013 14:50

Date Prepared: 01/08/2013

Analyst: WRU

QC- Sample ID: 455218-001 D

Batch #: 1

Matrix: Soil

Reporting Units: %

| SAMPLE / SAMPLE DUPLICATE RECOVERY | | | | | |
|------------------------------------|--------------------------|-----------------------------|-----|---------------------|------|
| Percent Moisture | Parent Sample Result [A] | Sample Duplicate Result [B] | RPD | Control Limits %RPD | Flag |
| Analyte | | | | | |
| Percent Moisture | 7.60 | 7.37 | 3 | 20 | |

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$
 All Results are based on MDL and validated for QC purposes.
 BRL - Below Reporting Limit



Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Date/ Time Received: 01/08/2013 02:18:00 PM

Temperature Measuring device used :

Work Order #: 455231

Sample Receipt Checklist

Comments

- #1 *Temperature of cooler(s)? 2
#2 *Shipping container in good condition? Yes
#3 *Samples received on ice? Yes
#4 *Custody Seals intact on shipping container/ cooler? Yes
#5 Custody Seals intact on sample bottles? Yes
#6 *Custody Seals Signed and dated? Yes
#7 *Chain of Custody present? Yes
#8 Sample instructions complete on Chain of Custody? Yes
#9 Any missing/extra samples? No
#10 Chain of Custody signed when relinquished/ received? Yes
#11 Chain of Custody agrees with sample label(s)? Yes
#12 Container label(s) legible and intact? Yes
#13 Sample matrix/ properties agree with Chain of Custody? Yes
#14 Samples in proper container/ bottle? Yes
#15 Samples properly preserved? Yes
#16 Sample container(s) intact? Yes
#17 Sufficient sample amount for indicated test(s)? Yes
#18 All samples received within hold time? Yes
#19 Subcontract of sample(s)? Yes
#20 VOC samples have zero headspace (less than 1/4 inch bubble)? Yes
#21 <2 for all samples preserved with HNO3,HCL, H2SO4? Yes
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH? Yes

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst: PH Device/Lot#:

Checklist completed by:

Date:

Checklist reviewed by:

Date:

Analytical Report 456071

for

Southern Union Gas Services- Monahans

Project Manager: Joel Lowry

A-14 6-Inch Line

RP-1127

22-JAN-13

Collected By: Client



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Lakeland: Florida (E84098)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)



22-JAN-13

Project Manager: **Joel Lowry**
Southern Union Gas Services- Monahans
801 South Loop 464
Monahans, TX 79756

Reference: XENCO Report No(s): **456071**
A-14 6-Inch Line
Project Address: Lea County, NM

Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 456071. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 456071 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Nicholas Straccione
Project Manager

*Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY*

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America



Sample Cross Reference 456071



Southern Union Gas Services- Monahans, Monahans, TX

A-14 6-Inch Line

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|-------------------------|---------------|-----------------------|---------------------|----------------------|
| West Floor Trench @ 16' | S | 01-17-13 09:00 | | 456071-001 |
| West Floor Trench @ 18' | S | 01-17-13 09:30 | | 456071-002 |
| North Wall #2 @ 4' | S | 01-17-13 13:30 | | 456071-003 |
| North Wall #2 @ 8' | S | 01-17-13 13:40 | | 456071-004 |
| South Trench #5 @ 4' | S | 01-17-13 14:20 | | 456071-005 |
| South Trench #5 @ 8' | S | 01-17-13 14:30 | | 456071-006 |



CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans

Project Name: A-14 6-Inch Line



Project ID: *RP-1127*
Work Order Number(s): *456071*

Report Date: *22-JAN-13*
Date Received: *01/21/2013*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-905180 Inorganic Anions by EPA 300/300.1
E300

Batch 905180, Chloride recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 456071-004, -003, -002, -005, -001, -006.

The Laboratory Control Sample for Chloride is within laboratory Control Limits



Certificate of Analysis Summary 456071

Southern Union Gas Services- Monahans, Monahans, TX



Project Id: RP-1127

Contact: Joel Lowry

Project Name: A-14 6-Inch Line

Date Received in Lab: Mon Jan-21-13 09:00 am

Report Date: 22-JAN-13

Project Location: Lea County, NM

Project Manager: Nicholas Straccione

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 456071-001 | 456071-002 | 456071-003 | 456071-004 | 456071-005 | 456071-006 |
|---|-------------------|-------------------------|-------------------------|--------------------|--------------------|----------------------|----------------------|
| | <i>Field Id:</i> | West Floor Trench @ 16' | West Floor Trench @ 18' | North Wall #2 @ 4' | North Wall #2 @ 8' | South Trench #5 @ 4' | South Trench #5 @ 8' |
| | <i>Depth:</i> | | | | | | |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | Jan-17-13 09:00 | Jan-17-13 09:30 | Jan-17-13 13:30 | Jan-17-13 13:40 | Jan-17-13 14:20 | Jan-17-13 14:30 |
| Inorganic Anions by EPA 300/300.1 SUB: E871002 | <i>Extracted:</i> | Jan-22-13 10:58 | Jan-22-13 11:50 | Jan-22-13 12:08 | Jan-22-13 12:25 | Jan-22-13 12:42 | Jan-22-13 13:00 |
| | <i>Analyzed:</i> | Jan-22-13 10:58 | Jan-22-13 11:50 | Jan-22-13 12:08 | Jan-22-13 12:25 | Jan-22-13 12:42 | Jan-22-13 13:00 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | 701 1.21 | 255 1.19 | 4.38 1.26 | 2.42 1.23 | 14.5 1.25 | 5.26 1.19 |
| Percent Moisture | <i>Extracted:</i> | | | | | | |
| | <i>Analyzed:</i> | Jan-22-13 12:25 | Jan-22-13 12:25 | Jan-22-13 12:25 | Jan-22-13 12:25 | Jan-22-13 12:25 | Jan-22-13 12:25 |
| | <i>Units/RL:</i> | % RL | % RL | % RL | % RL | % RL | % RL |
| Percent Moisture | | 17.5 1.00 | 16.1 1.00 | 20.4 1.00 | 18.7 1.00 | 20.0 1.00 | 16.1 1.00 |
| TPH By SW8015 Mod | <i>Extracted:</i> | | Jan-22-13 09:45 | | | | |
| | <i>Analyzed:</i> | | Jan-22-13 10:41 | | | | |
| | <i>Units/RL:</i> | | mg/kg RL | | | | |
| C6-C12 Gasoline Range Hydrocarbons | | | ND 17.9 | | | | |
| C12-C28 Diesel Range Hydrocarbons | | | ND 17.9 | | | | |
| C28-C35 Oil Range Hydrocarbons | | | ND 17.9 | | | | |
| Total TPH | | | ND 17.9 | | | | |

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.



Nicholas Straccione
Project Manager

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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| (770) 449-8800 | (770) 449-5477 |
| (602) 437-0330 | |



Form 2 - Surrogate Recoveries

Project Name: A-14 6-Inch Line

Work Orders : 456071,

Project ID: RP-1127

Lab Batch #: 905199

Sample: 456071-002 / SMP

Batch: 1 Matrix: Soil

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/22/13 10:41 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 88.0 | 100 | 88 | 70-135 | |
| o-Terphenyl | | 47.4 | 50.1 | 95 | 70-135 | |

Lab Batch #: 905199

Sample: 632683-1-BLK / BLK

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/22/13 14:51 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 87.5 | 99.8 | 88 | 70-135 | |
| o-Terphenyl | | 46.4 | 49.9 | 93 | 70-135 | |

Lab Batch #: 905199

Sample: 632683-1-BKS / BKS

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/22/13 12:40 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 79.8 | 99.6 | 80 | 70-135 | |
| o-Terphenyl | | 53.5 | 49.8 | 107 | 70-135 | |

Lab Batch #: 905199

Sample: 632683-1-BSD / BSD

Batch: 1 Matrix: Solid

| SURROGATE RECOVERY STUDY | | | | | | |
|--------------------------|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| Units: mg/kg | Date Analyzed: 01/22/13 13:38 | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| TPH By SW8015 Mod | | | | | | |
| Analytes | | | | | | |
| 1-Chlorooctane | | 87.5 | 99.9 | 88 | 70-135 | |
| o-Terphenyl | | 56.1 | 50.0 | 112 | 70-135 | |

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Project Name: A-14 6-Inch Line

Work Order #: 456071

Project ID:

RP-1127

Lab Batch #: 905180

Sample: 632692-1-BKS

Matrix: Solid

Date Analyzed: 01/22/2013

Date Prepared: 01/22/2013

Analyst: RKO

Reporting Units: mg/kg

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

| Inorganic Anions by EPA 300/300.1 | Blank Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Control Limits %R | Flags |
|--|-------------------------|------------------------|-------------------------------|---------------------------|--------------------------|--------------|
| Analytes | | | | | | |
| Chloride | <1.00 | 100 | 95.6 | 96 | 80-120 | |

Blank Spike Recovery [D] = 100*[C]/[B]

All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit



BS / BSD Recoveries



Project Name: A-14 6-Inch Line

Work Order #: 456071

Analyst: KEB

Date Prepared: 01/22/2013

Project ID: RP-1127

Date Analyzed: 01/22/2013

Lab Batch ID: 905199

Sample: 632683-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| TPH By SW8015 Mod | Blank Sample Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Spike Added [E] | Blank Spike Duplicate Result [F] | Blk. Spk Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|------------------------------------|--------------------------------|------------------------|-------------------------------|---------------------------|------------------------|---|-----------------------------|--------------|--------------------------|----------------------------|-------------|
| Analytes | | | | | | | | | | | |
| C6-C12 Gasoline Range Hydrocarbons | <14.9 | 996 | 862 | 87 | 999 | 900 | 90 | 4 | 70-135 | 35 | |
| C12-C28 Diesel Range Hydrocarbons | <14.9 | 996 | 938 | 94 | 999 | 950 | 95 | 1 | 70-135 | 35 | |

Relative Percent Difference RPD = $200 * |(C-F)/(C+F)|$

Blank Spike Recovery [D] = $100 * (C)/[B]$

Blank Spike Duplicate Recovery [G] = $100 * (F)/[E]$

All results are based on MDL and Validated for QC Purposes



Form 3 - MS / MSD Recoveries



Project Name: A-14 6-Inch Line

Work Order #: 456071

Project ID: RP-1127

Lab Batch ID: 905180

QC- Sample ID: 456071-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 01/22/2013

Date Prepared: 01/22/2013

Analyst: RKO

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| Inorganic Anions by EPA 300/300.1 Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|---|--------------------------|-----------------|--------------------------|----------------------|-----------------|------------------------------------|--------------------|-------|-------------------|---------------------|------|
| Chloride | 701 | 121 | 685 | 0 | 121 | 691 | 0 | 1 | 80-120 | 20 | X |

Matrix Spike Percent Recovery $[D] = 100 * (C - A) / B$
Relative Percent Difference $RPD = 200 * (C - F) / (C + F)$

Matrix Spike Duplicate Percent Recovery $[G] = 100 * (F - A) / E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery



Project Name: A-14 6-Inch Line

Work Order #: 456071

Lab Batch #: 905195

Project ID: RP-1127

Date Analyzed: 01/22/2013 12:25

Date Prepared: 01/22/2013

Analyst: WRU

QC- Sample ID: 456071-001 D

Batch #: 1

Matrix: Soil

Reporting Units: %

| SAMPLE / SAMPLE DUPLICATE RECOVERY | | | | | |
|------------------------------------|--------------------------|-----------------------------|-----|---------------------|------|
| Percent Moisture | Parent Sample Result [A] | Sample Duplicate Result [B] | RPD | Control Limits %RPD | Flag |
| Analyte | | | | | |
| Percent Moisture | 17.5 | 17.1 | 2 | 20 | |

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$
 All Results are based on MDL and validated for QC purposes.
 BRL - Below Reporting Limit



Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Date/ Time Received: 01/21/2013 09:00:00 AM

Temperature Measuring device used :

Work Order #: 456071

Sample Receipt Checklist

Comments

Table with 2 columns: Checklist items (#1-#22) and Comments. Items include temperature of cooler, shipping container condition, sample receipt on ice, custody seals, chain of custody, and sample preservation.

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst: [] PH Device/Lot#: []

Checklist completed by: _____

Date: _____

Checklist reviewed by: _____

Date: _____



SUNDANCE SERVICES, Inc.

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(575) 394-2511

TICKET No. **232739**

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 4" Line

TRANSPORTER COMPANY: Triple M

TIME 12:22 AM/PM

DATE: 1-15-2013 VEHICLE NO: 150

GENERATOR COMPANY
MAN'S NAME: C. Stanley

CHARGE TO: SUG

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: O/D

RRC or API #

C-133#

VOLUME OF MATERIAL

BBLs.

:

YARD

20 :

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: [Signature]

(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. **232783**

LEASE OPERATOR/SHIPPER/COMPANY:

LEASE NAME:

TRANSPORTER COMPANY:

DATE:

VEHICLE NO:

GENERATOR COMPANY
MAN'S NAME:

TIME **2:59 AM** PM

CHARGE TO:

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description:

RRC or API #

C-133#

VOLUME OF MATERIAL

BBLs.

YARD **20**

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER:

(SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. **232744**

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 6" Line

TRANSPORTER COMPANY: Triple M

DATE: 1-15-2013 VEHICLE NO: 04

TIME 12:34 AM/PM

GENERATOR COMPANY
MAN'S NAME: C. Stanley

CHARGE TO: SUG

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: oil

RRC or API #

C-133#

VOLUME OF MATERIAL [] BBLs. : X YARD 20 : []

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Cory Gomez
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero
(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
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TICKET No. 232701

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 4" Line

TRANSPORTER COMPANY: Triple M Trucking

TIME 10:02 AM/PM

DATE: 1-15-2013

VEHICLE NO: 04

GENERATOR COMPANY
MAN'S NAME: C. Stanley

CHARGE TO: SUG

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: oil

RRC or API #

C-133#

VOLUME OF MATERIAL

BBLs.

:

YARD 20

:

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Cory Quirk

(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Powers

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 232778

LEASE OPERATOR/SHIPPER/COMPANY: SLUG

LEASE NAME: A-14 6" Line

TRANSPORTER COMPANY: Triple M

TIME 2:44 AM/PM

DATE: 1-15-2013 VEHICLE NO: 04

GENERATOR COMPANY
MAN'S NAME: C. Stanley

CHARGE TO: SLUG

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: O/D

RRC or API #

C-133#

VOLUME OF MATERIAL [] BBLs. : 1 YARD 20 : []

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

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DRIVER: [Signature]

(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. **232700**

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 4" Line

TRANSPORTER COMPANY: Triple M TIME 9:56 AM/PM

DATE: 1-15-2013 VEHICLE NO: 150 GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: oil

RRC or API # _____ C-133# _____

VOLUME OF MATERIAL [] BBLs. _____ : YARD 20 : [] _____

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

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DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 232651

LEASE OPERATOR/SHIPPER/COMPANY: SLUG

LEASE NAME: A-14 6"

TRANSPORTER COMPANY: Triple M

DATE: 1-14-2013 VEHICLE NO: 150

GENERATOR COMPANY MAN'S NAME: C. Stanley
TIME: 5:46 AM/PM

CHARGE TO: SLUG

RIG NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: O/D

RRC or API #

C-133#

VOLUME OF MATERIAL [] BBLs. : [] YARD 20 : []

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

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DRIVER: *[Signature]*
(SIGNATURE)

FACILITY REPRESENTATIVE: *[Signature]*
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 232516

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 6" Line

TRANSPORTER COMPANY: Triple M

TIME 10:22 AM/PM

DATE: 1-14-2013 VEHICLE NO: 150

GENERATOR COMPANY
MAN'S NAME: C. Stanley

CHARGE TO: SUG

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: Oil

RRC or API #

C-133#

VOLUME OF MATERIAL

BBLs.

:

YARD 20

:

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

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DRIVER: [Signature]

(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. **232573**

| | |
|---|---|
| LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u> | |
| LEASE NAME: <u>A-14 6" Line</u> | |
| TRANSPORTER COMPANY: <u>Triple M</u> | TIME <u>1:06</u> AM/PM |
| DATE: <u>1-14-2013</u> VEHICLE NO: <u>150</u> | GENERATOR COMPANY MAN'S NAME: <u>C. Stanley</u> |
| CHARGE TO: <u>SUG</u> | RIG NAME AND NUMBER |

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: Oil

| | |
|--------------------------------------|--|
| RRC or API # | C-133# |
| VOLUME OF MATERIAL [] BBLs. _____ : | <input checked="" type="checkbox"/> YARD <u>20</u> : [] _____ |

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 232614

| | |
|---|---|
| LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u> | |
| LEASE NAME: <u>A-14 6" Line</u> | |
| TRANSPORTER COMPANY: <u>Triple M</u> | TIME: <u>3:02 AM/PM</u> |
| DATE: <u>1-14-2013</u> VEHICLE NO: <u>150</u> | GENERATOR COMPANY MAN'S NAME: <u>A. Stanley</u> |
| CHARGE TO: <u>SUG</u> | RIG NAME AND NUMBER |

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: oil

RRC or API # C-133#

VOLUME OF MATERIAL BBLs. : YARD 20 :

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 232648

| | |
|--|---|
| LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u> | |
| LEASE NAME: <u>A-14 6" Line</u> | |
| TRANSPORTER COMPANY: <u>Basin Eunice</u> | TIME: <u>4:54</u> AM/PM |
| DATE: <u>1-14-2013</u> VEHICLE NO: <u>03</u> | GENERATOR COMPANY MAN'S NAME: <u>A. Stanley</u> |
| CHARGE TO: <u>SUG</u> | RIG NAME AND NUMBER |

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: OTO

RRC or API # _____ C-133# _____

VOLUME OF MATERIAL [] BBLs. _____ : _____ YARD 26 : [] _____

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

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DRIVER: J. Cruz
(SIGNATURE)

FACILITY REPRESENTATIVE: A. Stanley
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 232619

| | |
|--|---|
| LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u> | |
| LEASE NAME: <u>A-14 6" Line</u> | |
| TRANSPORTER COMPANY: <u>Triple M</u> | TIME <u>3:11</u> AM/PM <u>(M)</u> |
| DATE: <u>1-14-2013</u> VEHICLE NO: <u>03</u> | GENERATOR COMPANY MAN'S NAME: <u>C. Stanley</u> |
| CHARGE TO: <u>SUG</u> | RIG NAME AND NUMBER |

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: Oil

RRC or API # C-133#

VOLUME OF MATERIAL BBLs. _____ : YARD 26 : _____

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. **232515**

LEASE OPERATOR/SHIPPER/COMPANY: SLUG

LEASE NAME: A-14 4" Line

TRANSPORTER COMPANY: Triple M

TIME 10:19 AM/PM

DATE: 1-14-2013

VEHICLE NO: 03

GENERATOR COMPANY
MAN'S NAME: C. Stanley

CHARGE TO: SLUG

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: oil

RRC or API #

C-133#

VOLUME OF MATERIAL

BBLs.

YARD

20

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

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DRIVER: [Signature]

(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. **232564**

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 6" Line

TRANSPORTER COMPANY: Triple M

DATE: 1-14-2013 VEHICLE NO: 03

GENERATOR COMPANY
MAN'S NAME: C. Stanley

TIME 12:49 AM/PM AM

CHARGE TO: SUG

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: oil

RRC or API #

C-133#

VOLUME OF MATERIAL

BBLs.

:

YARD

20

:

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: [Signature]

(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. **232294**

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: A-14 1/2" Line

TRANSPORTER COMPANY: Triple M TIME 4:22 AM/PM

DATE: 1-11-2013 VEHICLE NO: 150 GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SLIG RIG NAME AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: Oil

RRC or API # _____ C-133# _____

VOLUME OF MATERIAL [] BBLs. _____ : [] YARD 20 : [] _____

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 232209

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 10" Line

TRANSPORTER COMPANY: Triple M

TIME 11:56 AM/PM

DATE: 1-11-2013

VEHICLE NO: 150

GENERATOR COMPANY
MAN'S NAME:

C. Stanley

CHARGE TO: SUG

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: o/d

RRC or API #

C-133#

VOLUME OF MATERIAL

BBLs.

:

YARD

20

:

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER:

(SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 232180

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 4" Line

TRANSPORTER COMPANY: Triple M

TIME 10:04 AM/PM

DATE: 1-11-2013 VEHICLE NO: 150

GENERATOR COMPANY
MAN'S NAME: Co Stanley

CHARGE TO: SUG

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: oil

RRC or API #

C-133#

VOLUME OF MATERIAL BBLs. _____ : YARD 20 : _____

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. **232259**

| | |
|---|---|
| LEASE OPERATOR/SHIPPER/COMPANY: SUG | |
| LEASE NAME: A 14 1/2" Line | |
| TRANSPORTER COMPANY: Triple M | TIME: 2:25 AM/PM |
| DATE: 1-11-2013 VEHICLE NO: 150 | GENERATOR COMPANY MAN'S NAME: C. Stanley |
| CHARGE TO: SUG | RIG NAME AND NUMBER |

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: **OP**

RRC or API # _____ C-133# _____

VOLUME OF MATERIAL [] BBLs. _____ : [] YARD **20** : [] _____

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: *[Signature]*
(SIGNATURE)

FACILITY REPRESENTATIVE: *[Signature]*
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 232174

| | |
|---|---|
| LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u> | |
| LEASE NAME: <u>A-14 6" Line</u> | |
| TRANSPORTER COMPANY: <u>Triple M.</u> | TIME <u>9:52</u> AM/PM |
| DATE: <u>1-11-2013</u> VEHICLE NO: <u>7</u> | GENERATOR COMPANY MAN'S NAME: <u>C. Stanley</u> |
| CHARGE TO: <u>SUG</u> | RIG NAME AND NUMBER |

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: oil

| | |
|--------------|--------|
| RRC or API # | C-133# |
|--------------|--------|

| | | | | | | |
|--------------------|--------------------------------|---|--|-----------|---|--------------------------|
| VOLUME OF MATERIAL | <input type="checkbox"/> BBLs. | : | <input checked="" type="checkbox"/> YARD | <u>20</u> | : | <input type="checkbox"/> |
|--------------------|--------------------------------|---|--|-----------|---|--------------------------|

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DRIVER: Robert Sells
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 232206

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 6" Line

TRANSPORTER COMPANY: Triple M

TIME 11:47 AM/PM

DATE: 1-11-2013 VEHICLE NO: 7

GENERATOR COMPANY
MAN'S NAME:

C. Stanley

CHARGE TO: SUG

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: o/o

RRC or API #

C-133#

VOLUME OF MATERIAL [] BBLs. : 1 [] YARD 20 : []

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DRIVER: Edwin S. Sellers
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Powers
(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. **232248**

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 6" Linc

TRANSPORTER COMPANY: Triple M

TIME 2:02 AM/PM

DATE: 1-11-2013

VEHICLE NO: 7

GENERATOR COMPANY
MAN'S NAME: C. Stanley

CHARGE TO: SUG

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: oil

RRC or API #

C-133#

VOLUME OF MATERIAL [] BBLs. _____ : [X] YARD 20 : [] _____

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DRIVER: Coleen Sells
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero
(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. **231940**

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 6" Line

TRANSPORTER COMPANY: Triple M TIME 12:05 AM/PM

DATE: 1-9-2013 VEHICLE NO: 7 GENERATOR COMPANY MAN'S NAME: Rose Slade

CHARGE TO: SUG RIG NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API # _____ C-133# _____

VOLUME OF MATERIAL BBLs. _____ : YARD 20 : _____

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Edward Sellen
(SIGNATURE)

FACILITY REPRESENTATIVE: A. Sta Cruz
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. **231941**

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 6" Line

TRANSPORTER COMPANY: Triple M

DATE: 1-9-2013 VEHICLE NO: 150

TIME 12:08 AM/PM

GENERATOR COMPANY
MAN'S NAME: Rise Slade

CHARGE TO: SUG

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: OLD

RRC or API #

C-133#

VOLUME OF MATERIAL BBLs. _____ : YARD 20 : _____

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DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 231916

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 6" Line

TRANSPORTER COMPANY: Triple M

DATE: 1-9-2012 VEHICLE NO: 150

GENERATOR COMPANY MAN'S NAME: Rose Slade

TIME 9:50 AM/PM

CHARGE TO: SUG

RIG NAME AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [] BBLs. : [] YARD 20 : []

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 231917

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 6" Line

TRANSPORTER COMPANY: Triple M

TIME 10:00 AM/PM

DATE: 1-9-2012 VEHICLE NO: 7

GENERATOR COMPANY MAN'S NAME: Rose Slade

CHARGE TO: SUG

RIG NAME AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [] BBLs. : Y YARD 20 : []

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DRIVER: Edward Sollen
(SIGNATURE)

FACILITY REPRESENTATIVE: D. Sta Cruz
(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 232298

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 10" Line

TRANSPORTER COMPANY: Triple M TIME 4:35 AM (PM)

DATE: 1-11-2013 VEHICLE NO: 7 GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: oil

RRC or API # _____ C-133# _____

VOLUME OF MATERIAL BBLs _____ YARD 20 _____

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DRIVER: Edward Sellen
(SIGNATURE)

FACILITY REPRESENTATIVE: Cecilia Romero
(SIGNATURE)

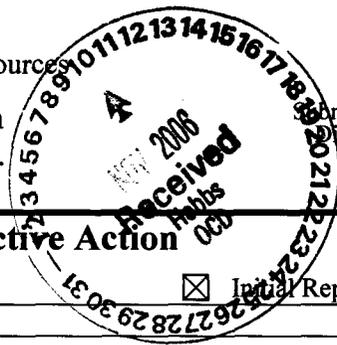
White - Sundance Canary - Sundance Acct #1 Pink - Transporter

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

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

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



Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

| | | | |
|-----------------|-----------------------------------|---------------|-----------------------|
| Name of Company | Southern Union Gas Services, Ltd. | Contact | Tony Savoie |
| Address | P.O. Box 1226 Jal, N.M. 88252 | Telephone No. | 505-395-2116 |
| Facility Name | Lea County Field Dept. | Facility Type | Natural Gas Gathering |

| | | |
|------------------------|------------------------|-----------|
| Surface Owner: Federal | Mineral Owner: Federal | Lease No. |
|------------------------|------------------------|-----------|

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| B | 7 | 23S | 34E | | | | | Lea |

329' GW

Latitude N32 19.563 Longitude W103 30.334

NATURE OF RELEASE

| | | |
|--|---|--|
| Type of Release : Crude oil, and natural gas | Volume of Release: 90 mcf gas, 7 bbls crude oil | Volume Recovered 0 bbls |
| Source of Release 6" Pipeline | Date and Hour of Occurrence Unknown | Date and Hour of Discovery 10/29/06 Time: 11:00 a.m. |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom? Gary Wink was contacted at 0800 on 10/30/06 | |
| By Whom? Tony Savoie, Southern Union Gas Services | Date and Hour: 10/30/06 0800 | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

The 6" steel gathering pipeline, operating at 25 psi developed a leak, the line was excavated and a temporary leak repair clamp was placed on the affected area. Normal operating pressure on the line is 20 psi to 30 psi, with a potential H2S content of 4000 ppm.

Describe Area Affected and Cleanup Action Taken. The affected area is pasture. An area covering approximately 1000 sq. ft. was affected by the release and response activities. Remediation activities will start after the landowner has approved the remediation plan. All remediation activities will follow the NMOCD Recommended Guidelines For The Remediation of Leaks and Spills.

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.

OIL CONSERVATION DIVISION

| | | |
|-------------------------------------|---|---------------------------|
| Signature: Tony Savoie | Approved by District Supervisor: <i>[Signature]</i> | |
| Printed Name: John A. Savoie | Approval Date: 11-18-06 | Expiration Date: 12-18-06 |
| Title: EH&S Comp. Coord. | Conditions of Approval: | |
| E-mail Address: john.savoie@sug.com | Attached <input type="checkbox"/> | |
| Date: 11/9/06 | Phone: 505-395-2116 | |

* Attach Additional Sheets If Necessary

incident - PPAC0632156290
application - PPAC0632156431

RP#1627

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised October 10, 2003

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

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

| | | | |
|--|--------------------------------------|------------------------|-----------------------|
| Name of Company | Southern Union Gas Services, Ltd. | Contact | Crystal Callaway |
| Address | 801 S. Loop 464, Monahans, TX, 79756 | Telephone No. | 817-302-9407 |
| Facility Name: A-14 6" Line (RP-1127) Lea County Field Dept. | | Facility Type | Natural Gas Gathering |
| Surface Owner | Federal | Mineral Owner: Federal | Lease No. |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| B | 7 | 22S | 34E | | | | | Lea |

Latitude N32 19.563 Longitude W103 30.334

NATURE OF RELEASE

| | | | | | |
|-----------------------------|---|---|---|----------------------------|----------|
| Type of Release | Crude Oil and Natural Gas | Volume of Release | 90 Mcf Gas, 7 bbls crude oil | Volume Recovered | 0 bbls |
| Source of Release | 6" Pipeline | Date and Hour of Occurrence | Unknown | Date and Hour of Discovery | 10/29/06 |
| Was Immediate Notice Given? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom? | Gary Wink was contacted at 0800 on 10/30/06 | | |
| By Whom? | Tony Savoie, Southern Union Gas Services | Date and Hour: | 10/30/06 | | |
| Was a Watercourse Reached? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | | | |

If a Watercourse was Impacted, Describe Fully.*

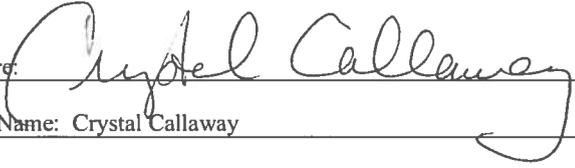
Describe Cause of Problem and Remedial Action Taken:
The 6" Steel gathering pipeline, operating at 25 psi developed a leak, the line was excavated and a temporary leak repair clamp was placed on the affected area. Normal operating pressure on the line is 20 psi to 30 psi, with a potential H₂S content of 4000 ppm.

Describe Area Affected and Cleanup Action Taken. The affected area is pasture. An area covering approximately 1,000 sq. ft. was affected by the release and response activities. Remediation activities will start after the landowner has approved the remediation plan. All remediation activities will follow the NMOCD recommended Guidelines for the Remediation of Leaks and Spills.

Between December 22, 2006, and February 8, 2007, remediation activities were conducted at the A-14 6" Line Release Site by an environmental contractor that is no longer affiliated with the site. On December 19, 2012, Basin responded to the release site to conduct an initial investigation. During the initial investigation, soil containing chloride above NMOCD Regulatory Standards was encountered and excavated accordingly. Between January 9 and 15, 2013, approximately 520 yd³ of impacted material was excavated from the remediation site. The final dimensions were approximately 48'x 30'x 10'. Soil samples collected from the floor and sidewalls of the excavation were analyzed by an NMOCD approved laboratory which determine concentrations of BTEX, TPH and chloride were below NMOCD Regulatory Standards. On January 25, 2013, upon receiving NMOCD approval, the excavation was backfilled with non-impacted soil.

Please see the attached *Remediation Summary and Site Closure Request* for details of remedial activities and the site investigation.

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: Crystal Callaway | Approved by District Supervisor: | |
| Title: Senior Environmental Remediation Specialist | Approval Date: | Expiration Date: |
| E-mail Address: Crystal.Callaway@Regencygas.com | Conditions of Approval: | |
| Date: 12/01/2014 | Phone: 817-302-9407 | |