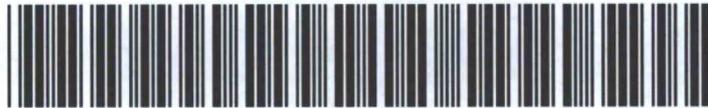




AE Order Number Banner

Report Description

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



App Number: pCOH0806348578

1RP - 1799

SOUTHERN UNION GAS COMPANY

19. **Operator Application Certification:**
 I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): Rose Slade Title: Environmental Specialist
 Signature: [Signature] Date: 5/1/2013
 e-mail address: rose.slade@energytransfer.com Telephone: 432 940 5147

20. **OCD Approval:** Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)

OCD Representative Signature: [Signature] Title: Environmental Specialist Approval Date: 6/10/13
 Title: _____ OCD Permit Number: _____

21. **Closure Report (required within 60 days of closure completion):** Subsection K of 19.15.17.13 NMAC
Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

Closure Completion Date: 4/3/13

22. **Closure Method:**
 Waste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only)
 If different from approved plan, please explain.

23. **Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:**
Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____
 Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?
 Yes (If yes, please demonstrate compliance to the items below) No

Required for impacted areas which will not be used for future service and operations
 Site Reclamation (Photo Documentation)
 Soil Backfilling and Cover Installation
 Re-vegetation Application Rates and Seeding Technique

APPROVED BUT NEEDS 1ST
4 PAGES OF C-144
BASINFAX 396-1429

24. **Closure Report Attachment Checklist:** *Instructions: Each of the following items mark in the box, that the documents are attached.* check

<input checked="" type="checkbox"/> Proof of Closure Notice (surface owner and division)	
<input type="checkbox"/> Proof of Deed Notice (required for on-site closure)	
<input type="checkbox"/> Plot Plan (for on-site closures and temporary pits)	
<input checked="" type="checkbox"/> Confirmation Sampling Analytical Results (if applicable)	
<input type="checkbox"/> Waste Material Sampling Analytical Results (required for on-site closure)	
<input checked="" type="checkbox"/> Disposal Facility Name and Permit Number	
<input checked="" type="checkbox"/> Soil Backfilling and Cover Installation	
<input type="checkbox"/> Re-vegetation Application Rates and Seeding Technique	
<input checked="" type="checkbox"/> Site Reclamation (Photo Documentation)	

HOBBS OCD
MAY 07 2013
RECEIVED

On-site Closure Location: Latitude _____ Longitude _____ NAD: 1927 1983

25. **Operator Closure Certification:**
 I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Rose Slade Title: EH&S Specialist Energy Transfer
 Signature: [Signature] Date: 5/7/2013
 e-mail address: Rose.Slade@energytransfer.com Telephone: 432-940-5147

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



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REMEDIATION SUMMARY & RISK-BASED SITE CLOSURE REQUEST

**SOUTHERN UNION GAS SERVICES
EUMONT TANK BATTERY (1RP-1799)
HISTORICAL RELEASE SITE**

Lea County, New Mexico

Unit Letter "N" (SE/SW), Section 30, Township 20 South, Range 37 East

Latitude 32.538508° North, Longitude -103.294912° West

NMOCD Reference # 1RP-1799

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

April 2013

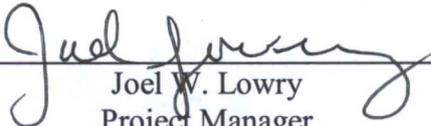

Joel W. Lowry
Project Manager

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APPENDICES

Appendix A – Photographs

Appendix B – Disposal Manifests

Appendix C – Laboratory Analytical Reports

Appendix D – Pit or Below-Grade Tank Registration Form (Form C-144)

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 & Risk-Based Site Closure Request* for the Eumont Tank Battery Historical Release Site (1RP-1799). The legal description of the release site is Unit Letter "N" (SE/SW), Section 30, Township 20 South, Range 37 East, in Lea County, New Mexico. The geographic coordinates of the release site are 32.538508° North latitude and -103.294912° West longitude. The property affected by the release is owned Enterprise Field Services.

On February 15, 2008, Southern Union filed a "Pit or Below-Grade Tank Registration of Closure Form" (Form C-144) with the New Mexico Oil Conservation Division (NMOCD) Hobbs District Office, registering the Eumont Tank Battery and notifying them of their intentions to remove the on-site below-grade tank (BGT) and remediate the area. The Form C-144 described the BGT as a steel, one hundred barrel (100 bbl) tank used to contain produced water and crude oil. The C-144 indicated the tank was installed by El Paso Natural Gas (EPNG) before the BGT regulations were written.

On February 18, 2008, the BGT was removed and the adjacent soil was remediated. Nine (9) soil samples (A Floor, B Floor, C Floor, D Floor, E Floor, North Wall, South Wall, East Wall and West Wall) were collected from the excavated area defined by the former BGT location and submitted to the laboratory for analysis of TPH concentrations. Laboratory analytical results indicated TPH concentrations were less than the appropriate laboratory method detection limit (MDL) for each of the submitted soil samples with the exception of soil sample East Wall, which had a concentration of 126.8 mg/Kg. Soil sample E Floor was also analyzed for BTEX and chloride concentrations, which were determined to be 0.0167 mg/Kg and 429 mg/Kg, respectively. During the on-site tank removal and associated remediation activities a historical "pit" was discovered west of the BGT location. Four (4) initial soil samples (Pit Surface, Pit 2' bgs, Pit 8' bgs, and Pit 9'6" bgs) were collected from the historical pit and submitted to the laboratory for analysis of TPH concentrations. Analytical results indicated TPH concentrations ranged from 555 mg/Kg for soil sample Pit 2' bgs to 65,600 mg/Kg for soil sample Pit Surface. Based on laboratory analytical results from initial soil samples collected from the on-site pit, it was determined that further remediation would be required. General photographs of the release site are provided as Appendix A. The Form C-144 is provided as Appendix D.

2.0 NMOCD SITE CLASSIFICATION

The initial C-144 that the depth to groundwater is approximately seventy-four feet (74') below ground surface (bgs). Laboratory analytical results from soil samples collected during the advancement of on-site soil bores indicate the soil impact extends to approximately thirty-five feet (35') bgs. Based on the NMOCD ranking system, twenty (20) points will be assigned to the site as a result of this criterion.

A search of the New Mexico Water Rights Reporting System (NMWRRS) database indicated there are no registered water wells within one thousand feet (1,000') feet of the location. 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 location. 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 Eumont Tank Battery Historical Release Site has an initial ranking score of twenty (20) points. The soil remediation levels for a site with a ranking score of greater than nineteen (>19) points are as follows:

- Benzene – 10 mg/Kg (ppm)
- Benzene, toluene, ethylbenzene and xylene (BTEX) – 50 mg/Kg (ppm)
- Total petroleum hydrocarbons (TPH) – 100 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 August 22, 2012, Basin responded to the Eumont Tank Battery Historical Remediation Site. A series of test trenches were advanced within the area defined by the historical "pit". Test trench TT-1 was advanced to approximately 16' bgs within the inferred center of the pit location. During the advancement of the test trench, soil samples were collected at 3' 10' and 16' bgs and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Analytical results indicated BTEX concentrations were less than the appropriate laboratory MDL for each of the submitted soil samples with the exception of the soil sample collected at 16' bgs, which had a concentration of 0.04161 mg/Kg. TPH concentrations ranged from 1,050 mg/Kg for soil sample TT-1 @ 3' to 7,180 mg/Kg for soil sample TT-1 @ 10'. Chloride concentrations ranged from 1.46 mg/Kg for soil sample TT-1 @ 3' to 12.9 mg/Kg for soil sample TT-1 @ 10'. Based on laboratory analytical results, it was determine that the advancement of one or more soil bores would be necessary to determine the vertical extent of soil impact. Table 1 summarizes the "Concentrations of Benzene, BTEX, TPH & Chloride in Soil". Soil sample locations are depicted in Figure 2, "Site & Sample Location Map". Laboratory analytical reports are provided as Appendix C.

Test trench TT-2 was advanced near the inferred western margin of the historical pit. During the advancement of the test trench, two (2) soil samples (TT-2 West and TT-2 East) were collected at 6' bgs from the western and eastern portion of the trench and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Analytical results indicated BTEX concentrations were less than the laboratory MDL for each of the submitted soil samples. TPH concentrations ranged from less than the laboratory MDL for soil sample TT-2 West to 29,200 mg/Kg for soil sample TT-2 East. Chloride concentrations ranged from 8.9 mg/Kg for soil sample TT-2 East to 10.8 mg/Kg for soil sample TT-2 West. Based on field observation and laboratory analytical results, it was determined that the western margin of the impacted area had been discovered.

Test trench TT-3 was advanced to the north of the inferred pit location from an area thought to have been impacted by overflow from the pit. During the advancement of the test trench, one (1) soil sample was collected at 8' bgs and submitted to the laboratory for analysis of BTEX, TPH

and chloride concentrations. Laboratory analytical results indicated BTEX and TPH concentrations were less than the appropriate laboratory MDL. The chloride concentration was 135 mg/Kg.

Test trench TT-4 was advanced along the southern margin of the inferred pit location. During the advancement of the test trench, one (1) soil sample was collected at 7' bgs and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated BTEX and TPH concentrations were less than the appropriate laboratory MDL. The chloride concentration was 7.48 mg/Kg.

On February 25, 2013, two (2) soil bores were advanced at the location in an effort to determine the vertical extent of soil impact. Soil bore SB-1 was advanced to approximately 40' bgs in the eastern portion of the inferred pit location. During the advancement of the soil bore, soil samples were collected at 5' drilling intervals and submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated TPH concentrations ranged from 46,200 mg/Kg for the soil sample collected at 5' bgs to less than the appropriate laboratory MDL for the soil samples collected at 35' and 40' bgs. Chloride concentrations ranged from 1,390 mg/Kg for the soil sample collected at 10' bgs to 9.72 mg/Kg for the soil sample collected at 30' bgs. Soil samples collected at 20', 30', and 40' bgs were also analyzed for concentrations of BTEX, which were determined to be less than the appropriate laboratory MDL for each of the submitted soil samples with the exception of SB-1 @ 20' bgs, which had a concentration of 1.27 mg/Kg. Based on laboratory analytical results it was determine that soil impact did not extend past 35' bgs in the western portion of the historical pit in the area defined by soil bore SB-1.

Soil bore SB-2 was advanced to approximately 40' bgs in the western portion of the inferred pit location. During the advancement of the soil bore, soil samples were collected at 5' drilling intervals and submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated TPH concentrations ranged from 5,240 mg/Kg for the soil sample collected at 5' bgs to less than the appropriate laboratory MDL for the soil samples collected at 35' and 40' bgs. Chloride concentrations ranged from 1,770 mg/Kg for the soil sample collected at 20' bgs to 16.2 mg/Kg for the soil sample collected at 5' bgs. Soil samples collected at 20', 30', and 40' bgs were also analyzed for concentrations of BTEX, which were determined to be less than the appropriate laboratory MDL for each of the submitted soil samples. Based on laboratory analytical results it was determine that soil impact did not extend past 35' bgs in the eastern portion of the historical pit in the area defined by soil bore SB-2.

On March 5, 2013, Basin began excavation activities at the remediation site. The floor of the excavation was advanced to approximately 15' bgs. Excavation sidewalls were advanced until field tests suggested concentrations of BTEX, TPH and chloride were less than NMOCD regulatory standards. Excavated material was stockpiled on-site pending final disposition.

On March 13, 2013, Basin collected thirteen (13) soil samples (Main Exc. NW#1, Main Exc. NW#2, Main Exc. SW#1, Main Exc. SW#2, Main Exc. SW#3, Main Exc. WW#1, Main Exc. WW#2, Main Exc. EW#1, Main Exc. EW#2, Main Exc. EW#3, NW Exc. WW, NW Exc. EW and NW Exc. Floor) were collected 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 ranged from less than the appropriate laboratory MDL for soil samples Main Exc.

NW#1, Main Exc. NW#2, Main Exc. SW#1, Main Exc. WW#1, Main Exc. WW#2, Main Exc. EW#3 and NW Exc. Floor to 68.1 mg/Kg for soil sample Main Exc. SW#3. Chloride concentrations ranged from less than the appropriate laboratory MDL for soil samples Main Exc. NW #1 and Main Exc. WW#2 to 183 mg/Kg for soil sample Main Exc. SW#1. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below NMOCD regulatory standards in each of the submitted soil samples.

On March 18, 2013, one (1) additional soil samples (NW Exc. NW) was collected from the excavation and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated BTEX and TPH concentrations were less than the appropriate laboratory MDL. The chloride concentration was 17.6 mg/Kg. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below NMOCD regulatory standards.

On March 22, 2013, at the request of the NMOCD, a portion of the excavation defined by test trench TT-1 and soil bore SB-1 was advanced an additional five feet (5') in an effort to remove additional contamination.

Between November 26, 2012, and February 1, 2013, approximately 3,324 cubic yards of impacted material was transported to South Monument Surface Waste Facility (NMOCD Permit #NM-01-0032) and/or Sundance Services, Inc. (NMOCD Permit #NM-01-0003), for disposal. The final dimensions of the excavation were approximately 115' in length, 35' in width and 15' in depth. Copies of disposal manifests are provided as Appendix B.

On March 25, 2013, on receiving approval from an NMOCD representative, a 20-millimeter polyurethane liner was installed in the floor of the excavation at approximately fifteen feet (15') bgs. A one-foot (1') layer of pad sand was installed above and below the liner to maintain its integrity during backfilling activities. This engineering control was designed to inhibit the vertical migration of contaminants left in place. Upon installation of the liner, the excavation was backfilled with locally purchased, non-impacted material. Excavation backfill was compacted in lifts and contoured to match the surrounding topography. The location will be reseeded at a time more conducive to germination.

4.0 QA/QC PROCEDURES

4.1 Soil Sampling

Soil samples were delivered to Permian Basin Environmental Lab LP, of Midland, 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 300.0

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

Laboratory analytical results from confirmation soil samples collected from the sidewalls of the Eumont Tank Battery excavation indicated concentrations of benzene, BTEX, TPH and chloride were less than NMOCD regulatory standards. An approved 20-mil polyurethane liner was installed in the floor of the excavation at approximately fifteen feet (15') bgs. This engineering control is designed to inhibit the vertical migration of contaminants left in-situ. Based on these laboratory analytical results and the installation of an approved engineering control, Basin recommends Southern Union provide the NMOCD Hobbs District Office a copy of this *Remediation Summary & Risk-Based Site Closure Request* and request the NMOCD grant site closure to the Eumont Tank Battery Historical Release Site.

6.0 LIMITATIONS

Basin Environmental Service Technologies, LLC, has prepared this *Remediation Summary & Risk-Based 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
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Oil Conservation Division (District 1)
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GeoffreyR.Leking@state.nm.us

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rose.slade@sug.com

Copy 3: Basin Environmental Service Technologies, LLC
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Lovington, New Mexico 88260

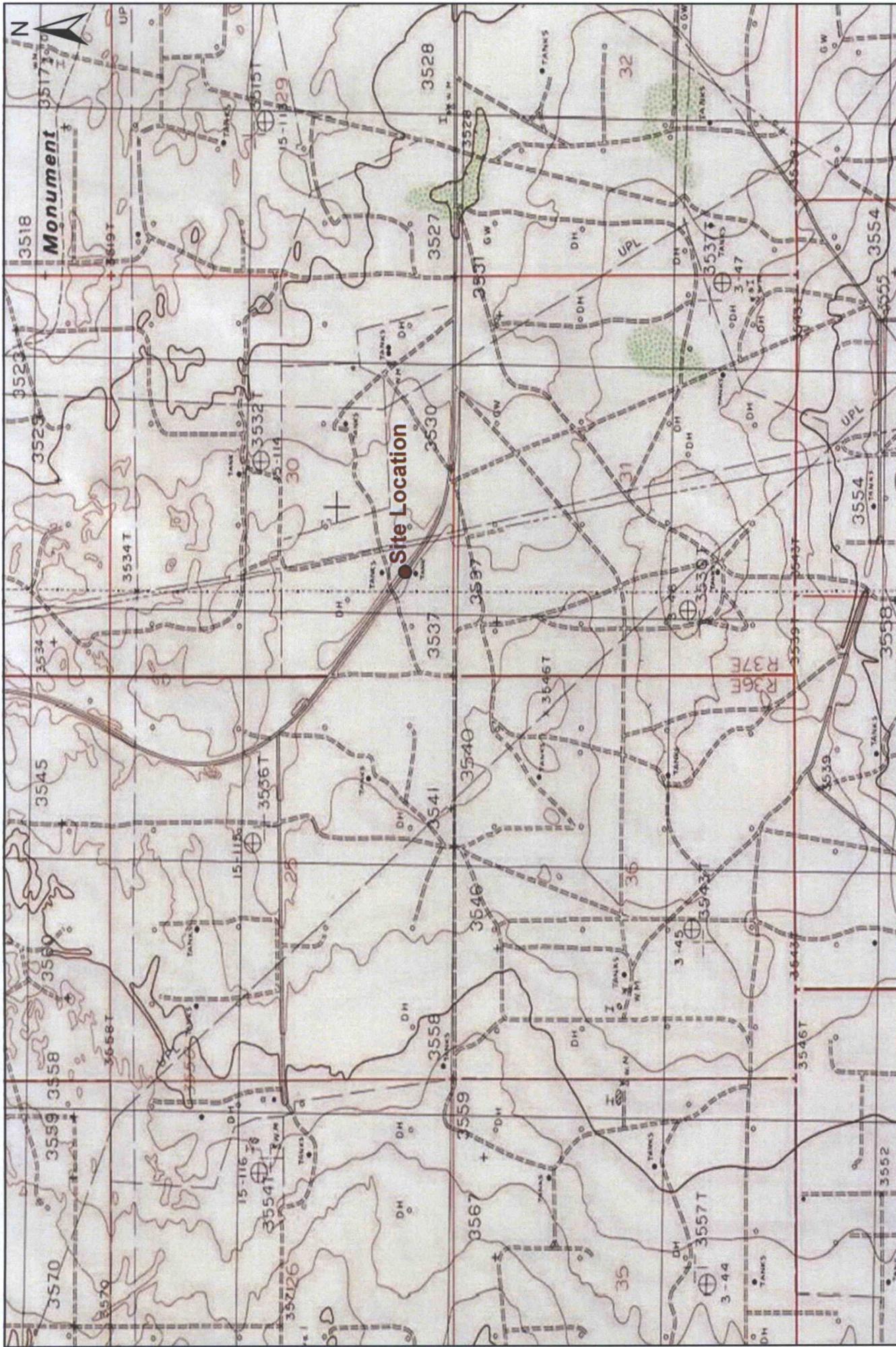
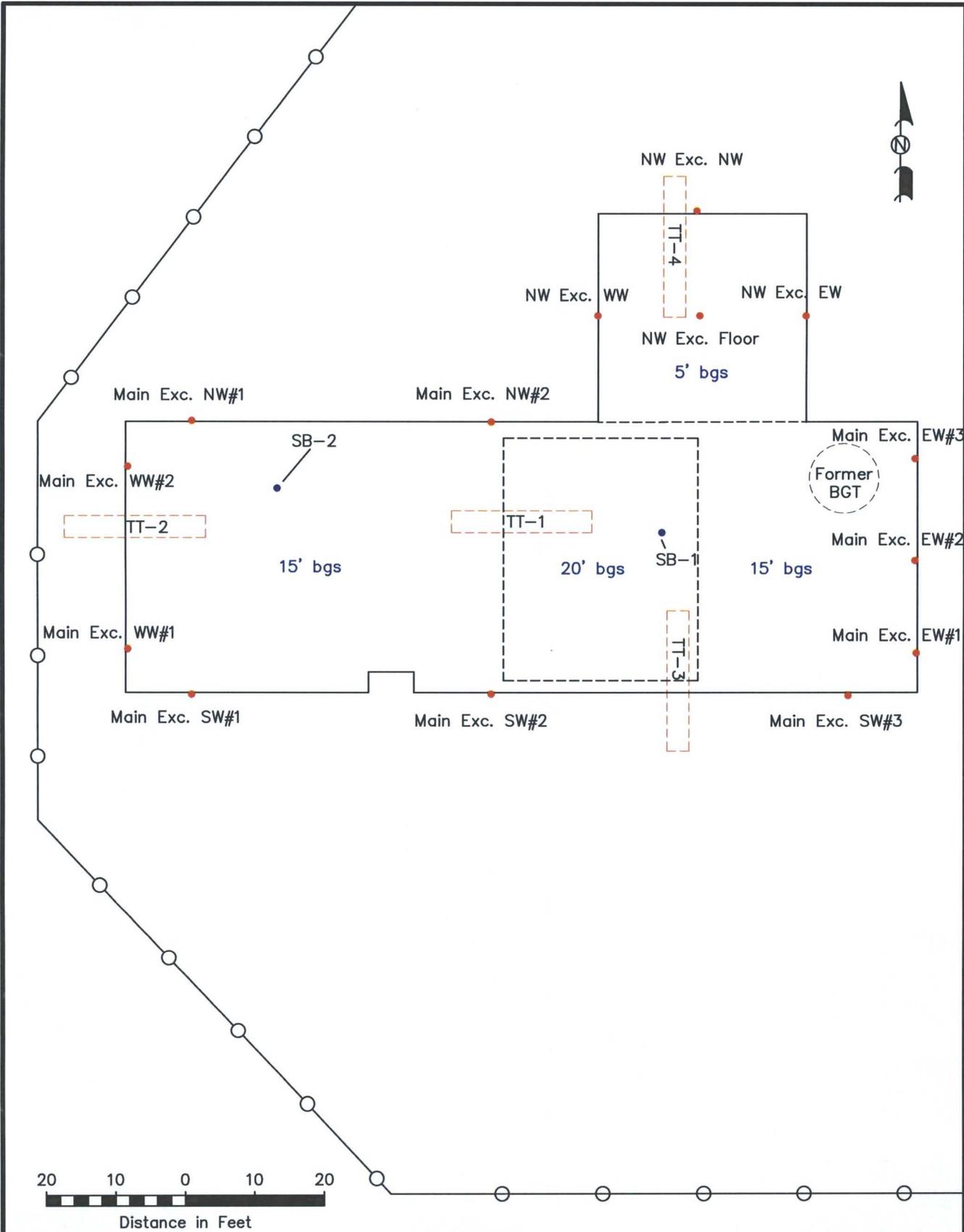


Figure 1
Site Location Map
 Southern Union Gas Services
 Eumont Tank Battery Historical
 Lea County, New Mexico
 NMOCD Reference #: 1RP-1799



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

Drawn By: BJA	Checked By: JWL
October 16, 2012	Scale: 1" = 2000'



LEGEND:

— Excavation Extent	▭ Test Trench
—○ Fence	○ Former BGT
● Sample Location	
● Soil Boring	

Figure 2
 Site & Sample Location Map
 Southern Union Gas Services
 Eumont Tank Battery (1RP-1799)
 Lea County, NM

Basin Environmental Services

Scale: 1" = 20'	Drawn By: JWL	Prepared By: BRB
August 23, 2012		

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
 EUMONT TANK BATTERY
 HISTORICAL RELEASE SITE
 LEA COUNTY, NEW MEXICO
 NMOCD REF# 1RP-1799

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030				METHOD: 8015M				METHOD: E300.0	
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GR0 C ₁₀ -C ₁₂ (mg/Kg)	DRO C ₁₃ -C ₂₈ (mg/Kg)	ORO C ₂₉ -C ₃₅ (mg/Kg)	TOTAL TPH C ₉ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
A Floor	N/A	2/19/2008	In-Situ	-	-	-	-	-	<16.4	<16.4	<16.4	<16.4	-
B Floor	N/A	2/19/2008	In-Situ	-	-	-	-	-	<16.1	<16.1	<16.1	<16.1	-
C Floor	N/A	2/19/2008	In-Situ	-	-	-	-	-	<15.8	<15.8	<15.8	<15.8	-
D Floor	N/A	2/19/2008	In-Situ	-	-	-	-	-	<16.2	<16.2	<16.2	<16.2	-
E Floor	N/A	2/19/2008	In-Situ	<0.0011	<0.0023	0.0038	0.0072	0.0167	<17.2	<17.2	<17.2	<17.2	429
North Wall	N/A	2/19/2008	In-Situ	-	-	-	-	-	<16.9	<16.9	<16.9	<16.9	-
South Wall	N/A	2/19/2008	In-Situ	-	-	-	-	-	<16.5	<16.5	<16.5	<16.5	-
East Wall	N/A	2/19/2008	In-Situ	-	-	-	-	-	16.8	110	<15.8	126.8	-
West Wall	N/A	2/19/2008	In-Situ	-	-	-	-	-	<16.7	<16.7	<16.7	<16.7	-
Pit Surface	Surface	2/19/2008	In-Situ	-	-	-	-	-	2.800	52.800	10.000	65.600	-
Pit 2 BGS	2'	2/19/2008	In-Situ	-	-	-	-	-	<15.8	386	169	555	-
Pit 8' BGS	8'	2/19/2008	In-Situ	-	-	-	-	-	1,240	13,700	1,700	16,640	-
Pit 9' BGS	9.5'	2/19/2008	In-Situ	<0.0054	0.0608	0.1709	0.8817	1.1134	497	2,990	294	3,781	42.0
TT-1 @ 3'	3'	8/22/2012	In-Situ	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<15.3	725	324	1,050	1.46
TT-1 @ 10'	10'	8/22/2012	In-Situ	<0.0200	<0.0400	<0.0200	<0.0400	<0.0400	731	5,480	971	7,180	12.9
TT-1 @ 16'	16'	8/22/2012	In-Situ	<0.00100	<0.00200	0.00641	0.0352	0.04161	149	3,220	625	3,990	7.6
TT-2 West	6'	8/22/2012	In-Situ	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<15.8	<15.8	<15.8	<15.8	10.8
TT-2 East	6'	8/22/2012	In-Situ	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	361	24,900	3,870	29,200	8.90
TT-3 @ 8'	8'	8/22/2012	In-Situ	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<15.6	<15.6	<15.6	<15.6	135
TT-4 @ 7'	7'	8/22/2012	In-Situ	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<15.5	<15.5	<15.5	<15.5	7.48
SB-1 @ 5'	5'	2/25/2013	Excavated	-	-	-	-	-	1,850	40,000	4,360	46,200	94.3
SB-1 @ 10'	10'	2/25/2013	Excavated	-	-	-	-	-	594	6,760	952	7,950	1,390
SB-1 @ 15'	15'	2/25/2013	In-Situ	-	-	-	-	-	740	4,260	298	5,300	21.0
SB-1 @ 20'	20'	2/25/2013	In-Situ	0.00945	0.0143	0.354	0.888	1.27	374	6,140	576	7,090	11.5
SB-1 @ 25'	25'	2/25/2013	In-Situ	-	-	-	-	-	28.5	767	68.8	864	13.7
SB-1 @ 30'	30'	2/25/2013	In-Situ	<0.00106	<0.00213	<0.00106	<0.00213	<0.00213	<16.0	120	<16.0	120	9.72
SB-1 @ 35'	35'	2/25/2013	In-Situ	<0.00104	0.00208	<0.00104	0.00208	0.00208	<15.8	<15.8	<15.8	<15.8	20.2
SB-1 @ 40'	40'	2/25/2013	In-Situ	<0.00104	0.00208	<0.00104	0.00208	0.00208	<15.6	<15.6	<15.6	<15.6	16.4

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
 EUMONT TANK BATTERY
 HISTORICAL RELEASE SITE
 LEA COUNTY, NEW MEXICO
 NMOCD REF# 1RP-1799

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030				METHOD: 8015M				TOTAL TPH C ₁₀ -C ₃₈ (mg/Kg)	METHOD: E300.0 CHLORIDE (mg/Kg)	
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GR0 C ₉ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	ORO C ₂₉ -C ₃₈ (mg/Kg)			
SB-2 @ 5'	5'	2/25/2013	Excavated	-	-	-	-	-	-	157	4,630	456	5,240	16.2
SB-2 @ 10'	10'	2/25/2013	Excavated	-	-	-	-	-	-	<17.1	154	<17.1	154	35.7
SB-2 @ 15'	15'	2/25/2013	In-Situ	-	-	-	-	-	-	<16.8	21.8	<16.8	21.8	1,030
SB-2 @ 20'	20'	2/25/2013	In-Situ	<0.00110	<0.00221	<0.00110	<0.00221	<0.00221	<0.00221	<16.5	27.4	<16.5	27.4	1,770
SB-2 @ 25'	25'	2/25/2013	In-Situ	-	-	-	-	-	-	<16.3	103	<16.3	103	1,340
SB-2 @ 30'	30'	2/25/2013	In-Situ	<0.00106	<0.00212	<0.00106	<0.00212	<0.00212	<0.00212	<15.9	24.6	<15.9	24.6	517
SB-2 @ 35'	35'	2/25/2013	In-Situ	-	-	-	-	-	-	<15.5	<15.5	<15.5	<15.5	211
SB-2 @ 40'	40'	2/25/2013	In-Situ	<0.00104	<0.00208	<0.00104	<0.00208	<0.00208	<0.00208	<15.4	<15.4	<15.4	<15.4	109
Main Exc. NW#1	12'	3/13/2013	In-Situ	<0.00104	<0.00208	<0.00104	<0.00208	<0.00208	<0.00208	<15.6	<15.6	<15.6	<15.6	<4.17
Main Exc. NW#2	12'	3/13/2013	In-Situ	<0.00109	<0.00218	<0.00109	<0.00218	<0.00218	<0.00218	<16.4	<16.4	<16.4	<16.4	156
Main Exc. SW#1	12'	3/13/2013	In-Situ	<0.00110	<0.00221	<0.00110	<0.00221	<0.00221	<0.00221	<16.5	<16.5	<16.5	<16.5	183
Main Exc. SW#2	12'	3/13/2013	In-Situ	<0.00116	<0.00231	<0.00116	<0.00231	<0.00231	<0.00231	<17.4	19.7	<17.4	19.7	77.9
Main Exc. SW#3	12'	3/13/2013	In-Situ	<0.00106	<0.00212	<0.00106	<0.00212	<0.00212	<0.00212	<16.0	68.1	<16.0	68.1	23.1
Main Exc. WW#1	12'	3/13/2013	In-Situ	<0.00109	<0.00218	<0.00109	<0.00218	<0.00218	<0.00218	<16.3	<16.3	<16.3	<16.3	11.0
Main Exc. WW#2	12'	3/13/2013	In-Situ	<0.00108	<0.00215	<0.00108	<0.00215	<0.00215	<0.00215	<16.3	<16.3	<16.3	<16.3	<4.35
Main Exc. EWM#1	12'	3/13/2013	In-Situ	<0.00107	<0.00214	<0.00107	<0.00214	<0.00214	<0.00214	<16.2	28.1	<16.2	28.1	59.6
Main Exc. EWM#2	12'	3/13/2013	In-Situ	<0.00111	<0.00222	<0.00111	<0.00222	<0.00222	<0.00222	<16.7	25.4	<16.7	25.4	42.7
Main Exc. EWM#3	12'	3/13/2013	In-Situ	<0.00111	<0.00222	<0.00111	<0.00222	<0.00222	<0.00222	<16.6	<16.6	<16.6	<16.6	104
NW Exc. WW	3'	3/13/2013	In-Situ	<0.00108	<0.00216	<0.00108	<0.00216	<0.00216	<0.00216	<16.2	24.6	<16.2	24.6	14.1
NW Exc. EW	3'	3/13/2013	In-Situ	<0.00114	<0.00228	<0.00114	<0.00228	<0.00228	<0.00228	<17.3	17.5	<17.3	17.5	62.7
NW Exc. Floor	5'	3/13/2013	In-Situ	<0.00107	<0.00214	<0.00107	<0.00214	<0.00214	<0.00214	<16.1	<16.1	<16.1	<16.1	12.0
NW Exc. NW	3'	3/18/2013	In-Situ	<0.00105	<0.00210	<0.00105	<0.00210	<0.00210	<0.00210	<15.9	<15.9	<15.9	<15.9	17.6
NMOCD Standard				10				50					100	250



Photograph of surface staining from the historical pit at the Eumont Tank Battery Remediation Site.



Photograph of the advancement of soil bores at the Eumont Tank Battery Remediation Site.



Photograph of delineation activities at the Eumont Tank Battery Remediation Site.



Photograph of excavation activities at the Eumont Tank Battery Remediation Site.



Photograph of excavation activities at the Eumont Tank Battery Remediation Site.



Photograph of the complete excavation at the Eumont Tank Battery Remediation Site.



Photograph of the complete excavation at the Eumont Tank Battery Remediation Site.



Photograph of the installation of pad sand at the Eumont Tank Battery Remediation Site.



Photograph of the installation of the polyurethane liner at the Eumont Tank Battery Remediation Site.



Photograph of backfilling activities at the Eumont Tank Battery Remediation Site.



Photograph of backfilling activities at the Eumont Tank Battery Remediation Site.



Photograph of the Eumont Tank Battery after Remediation activities.



SUNDANCE SERVICES, Inc.

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

TICKET No. **238863**

LEASE OPERATOR/SHIPPER/COMPANY: *SLG*

LEASE NAME: *Element Tank Battery*

TRANSPORTER COMPANY: *Element Tank Battery*

DATE: *3/1/13* VEHICLE NO: *111*

CHARGE TO: *SLG*

GENERATOR COMPANY NAME: *Element Tank Battery*

REG. NAME AND NUMBER: *390 7545*

TIME: *3:35* AM/PM

TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- B&S&W Content: *0/D*
- Rinsate
- Jet Out
- Call Out

Description:

RRC or API #

VOLUME OF MATERIAL | | BBLs. : | | YARD : | |

C-133#

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 SAFETY 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

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SUNDANCE SERVICES, Inc.

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

TICKET No. **238861**

LEASE OPERATOR/SHIPPER/COMPANY: *SLG*

LEASE NAME: *Element Tank Battery*

TRANSPORTER COMPANY: *Element Tank Battery*

DATE: *3/1/13* VEHICLE NO: *111*

CHARGE TO: *SLG*

GENERATOR COMPANY NAME: *Element Tank Battery*

REG. NAME AND NUMBER: *390-2515*

TIME: *8:55* AM/PM

TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- B&S&W Content: *0/D*
- Rinsate
- Jet Out
- Call Out

Description:

RRC or API #

VOLUME OF MATERIAL | | BBLs. : | | YARD : | |

C-133#

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DRIVER:

(SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

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SUNDANCE SERVICES, Inc.

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

TICKET No. **238860**

LEASE OPERATOR/SHIPPER/COMPANY: *SIG*

LEASE NAME: *Slumport Tank Batley*

TRANSPORTER COMPANY: *Slumport Tank Batley*

DATE: *5-11-13* VEHICLE NO: *890-7545*

CHARGE TO: *SIG*

TIME: *9:38 AM*

GENERATOR COMPANY
MANT'S NAME

REG NAME
AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BSSW Content: *old*
- Rinsate
- Jet Out
- Call Out

Description:

RRC or API #

VOLUME OF MATERIAL: [] BBLs, [] YARD : []

C-133#

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

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SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
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TICKET No. **238792**

LEASE OPERATOR/SHIPPER/COMPANY: *SIG*

LEASE NAME: *Slumport Tank Batley*

TRANSPORTER COMPANY: *Slumport Tank Batley*

DATE: *5-11-13* VEHICLE NO: *890-7545*

CHARGE TO: *SIG*

TIME: *9:38 AM*

GENERATOR COMPANY
MANT'S NAME

REG NAME
AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BSSW Content: *old*
- Rinsate
- Jet Out
- Call Out

Description:

RRC or API #

VOLUME OF MATERIAL: [] BBLs, [] YARD : []

C-133#

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DRIVER:

(SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

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SUNDANCE SERVICES, Inc.

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(575) 394-2511

TICKET No. **238842**

LEASE OPERATOR/SHIPPER/COMPANY:

LEASE NAME: *Summit Tank Battery*

TRANSPORTER COMPANY:

DATE: *3-11-13*

CHARGE TO: *116*

TIME: *2:49* AM/PM

VEHICLE NO:

CHARGE TO:

GENERATOR COMPANY
MAYNARD

BIG NAME
AND NUMBER

30-755

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BSGW Content
- Rinsate
- Jet Out
- Call Out

Description:

RRC or API #

VOLUME OF MATERIAL: *1* BBL. : *1* YARD : *20* : *1*

C-133#

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DRIVER:

(SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

White - Sundance

Canary - Sundance Act #1

Pink - Transporter

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SUNDANCE SERVICES, Inc.

P.O. Box 1737 • Eunice, New Mexico 88531
(575) 394-2511

TICKET No. **238830**

LEASE OPERATOR/SHIPPER/COMPANY:

LEASE NAME: *Summit Tank Battery*

TRANSPORTER COMPANY:

DATE: *3-11-13*

CHARGE TO: *116*

TIME: *2:49* AM/PM

VEHICLE NO:

CHARGE TO:

GENERATOR COMPANY
MAYNARD

BIG NAME
AND NUMBER

30-755

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BSGW Content
- Rinsate
- Jet Out
- Call Out

Description:

RRC or API #

VOLUME OF MATERIAL: *1* BBL. : *1* YARD : *20* : *1*

C-133#

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DRIVER:

(SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

White - Sundance

Canary - Sundance Act #1

Pink - Transporter

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SUNDANCE SERVICES, Inc.

P.O. Box 1737, Eunice, New Mexico 88331
(575) 394-2511

TICKET No. **238812**

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: Support Tank Battery

TRANSPORTER COMPANY: Naturex Trucking

DATE: 3/11/13

CHARGE TO: SUG

VEHICLE NO: 311-13

REG NAME AND NUMBER: 350-7575

TIME: 11:00 AM/PM

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BSSW Content:

Description: oil

Description: oil

Description: oil

Description: oil

Description: oil

RRC or API #

VOLUME OF MATERIAL

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 SAFETY 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

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SUNDANCE SERVICES, Inc.

P.O. Box 1737, Eunice, New Mexico 88331
(575) 394-2511

TICKET No. **238805**

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: Support Tank Battery

TRANSPORTER COMPANY: Naturex Trucking

DATE: 3/11/13

CHARGE TO: SUG

REG NAME AND NUMBER: 350-7575

TIME: 11:00 AM/PM

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BSSW Content:

Description: oil

Description: oil

Description: oil

Description: oil

Description: oil

RRC or API #

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DRIVER: [Signature]

FACILITY REPRESENTATIVE: [Signature]

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

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SUNDANCE SERVICES, Inc.

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

TICKET No. **238791**

LEASE OPERATOR/SHIPPER/COMPANY: *SIG*

LEASE NAME: *Elmhurst Tank Battery*

TRANSPORTER COMPANY: *Elmhurst Tank Battery*

DATE: *8-11-13*

VEHICLE NO.: *851076*

TIME: *7:30* AM/PM

GENERATOR COMPANY NAME: *Elmhurst Tank Battery*

REG. NAME AND NUMBER: *8510-7515*

CHARGE TO: *SIG*

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:

- Rinsate
- Jet Out
- 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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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: *Am*

(SIGNATURE)

FACILITY REPRESENTATIVE: *Dixie*

(SIGNATURE)

White - Sundance

Canary - Sundance Act #1

Pink - Transporter

By order From: TULLY SHAW ADVERTISING • 432-286-2421 • www.PromoSignMarket.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238839**

LEASE OPERATOR/SHIPPER/COMPANY: *SIG*

LEASE NAME: *Elmhurst Tank Battery*

TRANSPORTER COMPANY: *Elmhurst Tank Battery*

DATE: *8-11-13*

VEHICLE NO.: *851076*

TIME: *5:20* AM/PM

GENERATOR COMPANY NAME: *Elmhurst Tank Battery*

REG. NAME AND NUMBER: *8510-7515*

CHARGE TO: *SIG*

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:

- Rinsate
- Jet Out
- Call Out

Description:

oil

RRC or API #

C-133#

VOLUME OF MATERIAL | | BBLs. : | | YARD *20* : | |

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DRIVER: *Am*

(SIGNATURE)

FACILITY REPRESENTATIVE: *Dixie*

(SIGNATURE)

White - Sundance

Canary - Sundance Act #1

Pink - Transporter

By order From: TULLY SHAW ADVERTISING • 432-286-2421 • www.PromoSignMarket.com



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Escondido, New Mexico 88331
(575) 394-2511

TICKET No. **238824**

LEASE OPERATOR/SHIPPER/COMPANY: *SIG*

LEASE NAME: *Support Tank Battery*

TRANSPORTER COMPANY: *Valley*

DATE: *5-11-13*

CHARGE TO: *SIG*

TIME: *10:28* AM/PM

VEHICLE NO.: *300-745*

CHARGE TO: *SIG*

REG NAME AND NUMBER: *300-745*

TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BSWW Content: *0%*

- Rinsate
- Jet Out
- Call Out

Description:

RRC or API #

VOLUME OF MATERIAL: () BBLs : () YARD : ()

C-133#

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, 41 849, THE NM HEALTH AND SAF. CODE § 361.001 41 849, 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:

FACILITY REPRESENTATIVE: *D. B. RILEY*

White - Sundance

Canary - Sundance Act #1

Pink - Transporter

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SUNDANCE SERVICES, Inc.

P.O. Box 1737 Escondido, New Mexico 88331
(575) 394-2511

TICKET No. **238841**

LEASE OPERATOR/SHIPPER/COMPANY: *SIG*

LEASE NAME: *Support Tank Battery*

TRANSPORTER COMPANY: *Valley*

DATE: *5-11-13*

CHARGE TO: *SIG*

TIME: *9:03* AM/PM

VEHICLE NO.: *300-745*

CHARGE TO: *SIG*

REG NAME AND NUMBER: *300-745*

TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BSWW Content: *0%*

- Rinsate
- Jet Out
- Call Out

Description:

RRC or API #

VOLUME OF MATERIAL: () BBLs : () YARD : ()

C-133#

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, 41 849, THE NM HEALTH AND SAF. CODE § 361.001 41 849, 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:

FACILITY REPRESENTATIVE: *Steve Liguori*

White - Sundance

Canary - Sundance Act #1

Pink - Transporter

For order from: TOTALLY SHARP ADVERTISING - 432-586-5481 • www.PymonSupermarket.com



SUNDANCE SERVICES, Inc.
 P.O. Box 1737, Eunice, New Mexico 88531
 (575) 394-2511

TICKET No. **238807**

LEASE OPERATOR/SHIPPER/COMPANY: *SUG*
 LEASE NAME: *Empty Tank Battery*
 TRANSPORTER COMPANY: *Walter's Trucking*
 DATE: *8-11-13* VEHICLE NO: *87* TIME: *11:10* AM/PM
 GENERATOR COMPANY: *Walter's Trucking*
 MAN'S NAME: *Walter's Trucking*
 BIG NAME AND NUMBER: *390-7515*

CHARGE TO: *SUG*

TYPE OF MATERIAL

Production Water
 Tank Bottoms
 Solids
 Drilling Fluids
 Contaminated Soil
 BSSW Content: *old*
 Rinseate
 Jet Out
 Call Out

Description: _____

RRC or API # _____

VOLUME OF MATERIAL: BBLs : *1* YARD *20* :

C-133# _____

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 NH HEALTH AND SAFETY 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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THIS WILL CERTIFY that the above transporter loaded the material represented by this Transporter Statement at the above described location, and that it was rendered 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: *Steve Aguilar*
 FACILITY REPRESENTATIVE: *Dickson*
 White - Sundance
 Canary - Sundance Acct #1
 Pink - Transporter

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SUNDANCE SERVICES, Inc.
 P.O. Box 1737, Eunice, New Mexico 88531
 (575) 394-2511

TICKET No. **238826**

LEASE OPERATOR/SHIPPER/COMPANY: *SUG*
 LEASE NAME: *Empty Tank Battery*
 TRANSPORTER COMPANY: *Walter's Trucking*
 DATE: *8-11-13* VEHICLE NO: *87* TIME: *11:30* AM/PM
 GENERATOR COMPANY: *Walter's Trucking*
 MAN'S NAME: *Walter's Trucking*
 BIG NAME AND NUMBER: *390-7515*

CHARGE TO: *SUG*

TYPE OF MATERIAL

Production Water
 Tank Bottoms
 Solids
 Drilling Fluids
 Contaminated Soil
 BSSW Content: *old*
 Rinseate
 Jet Out
 Call Out

Description: _____

RRC or API # _____

VOLUME OF MATERIAL: BBLs : *1* YARD *30* :

C-133# _____

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DRIVER: *Steve Aguilar*
 FACILITY REPRESENTATIVE: *Dickson*
 White - Sundance
 Canary - Sundance Acct #1
 Pink - Transporter

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SUNDANCE SERVICES, Inc.

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

TICKET No. **238790**

LEASE OPERATOR/SHIPPER/COMPANY: *SUG*
LEASE NAME: *WARRANT TANK BOTTOM*
TRANSPORTER COMPANY: *WARRANT TANK BOTTOM*
DATE: *5-11-13* VEHICLE NO: *310-7515*
CHARGE TO: *SUG*

GENERATOR COMPANY
MAN'S NAME
REG. NAME
AND NUMBER
TIME: *11:30 AM/PM*

TYPE OF MATERIAL
 Production Water
 Tank Bottoms
 Solids
 Drilling Fluids
 Contaminated Soil
 BS&W Content:
Description: *oil*
RRC or API #
VOLUME OF MATERIAL | | BBLS. : | | YARD : | |
C-133#

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 Act #1
Pink - Transporter

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SUNDANCE SERVICES, Inc.

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

TICKET No. **238642**

LEASE OPERATOR/SHIPPER/COMPANY: *SUG*
LEASE NAME: *WARRANT TANK*
TRANSPORTER COMPANY: *WARRANT TANK*
DATE: *3-5-13* VEHICLE NO: *66*
CHARGE TO: *SUG*

GENERATOR COMPANY
MAN'S NAME
REG. NAME
AND NUMBER
TIME: *2:15 AM/PM*

TYPE OF MATERIAL
 Production Water
 Tank Bottoms
 Solids
 Drilling Fluids
 Contaminated Soil
 BS&W Content:
Description: *oil*
RRC or API #
VOLUME OF MATERIAL | | BBLS. : | | YARD : | |
C-133#

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 Act #1
Pink - Transporter

See order form TOTALLY SURE! ACERT130801 - 432-280-2401 - www.photosupermarket.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238638**

LEASE OPERATOR/SHIPPER/COMPANY: *SUG*

LEASE NAME: *FULLERT 71614.*

TRANSPORTER COMPANY: *Diaz Martinez Truck*

DATE: *3-8-13* VEHICLE NO: *250* TIME: *2:35 AM/PM*

CHARGE TO: *SUG*

INC NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:

Description: *oil*

RRC or API #

VOLUME OF MATERIAL | BBLs. : *X* YARD *20* : ()

C-133#

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 NH 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

Res. order form: TDSM01 24448 4/27/11 (200) - 433-288-2461 - www.PromoShippermark.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238641**

LEASE OPERATOR/SHIPPER/COMPANY: *SUG*

LEASE NAME: *FULLERT 71614.*

TRANSPORTER COMPANY: *Diaz Martinez Truck*

DATE: *3-8-13* VEHICLE NO: *29* TIME: *2:41 AM/PM*

CHARGE TO: *SUG*

INC NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:

Description: *oil*

RRC or API #

VOLUME OF MATERIAL | BBLs. : *X* YARD *20* : ()

C-133#

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 NH 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

Res. order form: TDSM01 24448 4/27/11 (200) - 433-288-2461 - www.PromoShippermark.com



SUNDANCE SERVICES, Inc.

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

TICKET No. 238543

LEASE OPERATOR/SHIPPER/COMPANY: SILG
 LEASE NAME: Emigold Tank Battery TIME: 5:10 AM/PM
 TRANSPORTER COMPANY: Plastiaz Truck GENERATOR COMPANY: MAK'S NAME
 DATE: 3-8-13 VEHICLE NO: 25 O. Stanley

CHARGE TO: SILG REG. NAME AND NUMBER

TYPE OF MATERIAL

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

Description: 010

RRC or API # _____ C-133# _____
 VOLUME OF MATERIAL | BBLs. : 14 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 SAFETY 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: AM (SIGNATURE)
 FACILITY REPRESENTATIVE: A. Stanley (SIGNATURE)
 White - Sundance Canary - Sundance Acct #1 Pink - Transporter

By e-mail to: TOTALPLY@SAMP.AE21@ETD1000 • 432-286-2461 • www.PromotingMarket.com



SUNDANCE SERVICES, Inc.

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

TICKET No. 238574

LEASE OPERATOR/SHIPPER/COMPANY: SILG
 LEASE NAME: Emigold Truck TIME: 9:58 AM/PM
 TRANSPORTER COMPANY: Plastiaz Truck GENERATOR COMPANY: MAK'S NAME
 DATE: 3-8-13 VEHICLE NO: 25 O. Stanley

CHARGE TO: SILG REG. NAME AND NUMBER

TYPE OF MATERIAL

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

Description: 010

RRC or API # _____ C-133# _____
 VOLUME OF MATERIAL | BBLs. : 14 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 SAFETY 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: AM (SIGNATURE)
 FACILITY REPRESENTATIVE: A. Stanley (SIGNATURE)
 White - Sundance Canary - Sundance Acct #1 Pink - Transporter

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SUNDANCE SERVICES, Inc.

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

TICKET No. **238545**

LEASE OPERATOR/SHIPPER/COMPANY: **SLUG**

LEASE NAME: **BUMPT TANK**

TRANSPORTER COMPANY: **DAIYNEZ TRUCK**

DATE: **3-8-13** VEHICLE NO: **6**

CHARGE TO: **SLUG**

GENERATOR COMPANY
MAY'S NAME: **C. Stanley**

TIME: **8:27 AM/PM**

REG. NAME
AND NUMBER

TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:

- Rinsate
- Jet Out
- Call Out

Description: **OLD**

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.

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)

FACILITY REPRESENTATIVE:

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

By order from: TOTALLY SURE 4024811500 - 412-346-7441 - www.TotallySure.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238580**

LEASE OPERATOR/SHIPPER/COMPANY: **SLUG**

LEASE NAME: **BUMPT TANK**

TRANSPORTER COMPANY: **DAIYNEZ TRUCK**

DATE: **3-8-13** VEHICLE NO: **6**

CHARGE TO: **SLUG**

GENERATOR COMPANY
MAY'S NAME: **C. Stanley**

TIME: **8:19 AM/PM**

REG. NAME
AND NUMBER

TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:

- Rinsate
- Jet Out
- Call Out

Description: **OLD**

RRC or API #

C-133#

VOLUME OF MATERIAL () BBLs. : **X** YARD **21** : ()

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

By order from: TOTALLY SURE 4024811500 - 412-346-7441 - www.TotallySure.com



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(505) 394-2511

TICKET No. **238604**

LEASE OPERATOR/SHIPPER/COMPANY: SUG
LEASE NAME: EUNICE TIBBY
TRANSPORTER COMPANY: Martinez
DATE: 3-8-13 VEHICLE NO: 6 TIME: 11:37 AM/PM
GENERATOR COMPANY MARK'S NAME: C. Stanley

CHARGE TO: SUG REG. NAME AND NUMBER

TYPE OF MATERIAL
 Production Water
 Tank Bottoms
 Solids
 Drilling Fluids
 Contaminated Soil
 BS&W Content
Description: old

RRIC or API #
VOLUME OF MATERIAL | BBLs. : X YARD 20 : ()
C-133#

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

Be made from TOTAL2 ORDER ADVERTISEMENTS - 432-286-2441 - www.PromoteYourMarket.com



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(505) 394-2511

TICKET No. **238626**

LEASE OPERATOR/SHIPPER/COMPANY: SUG
LEASE NAME: EUNICE TIBBY
TRANSPORTER COMPANY: Martinez Truck
DATE: 3-8-13 VEHICLE NO: 6 TIME: 1:16 AM/PM
GENERATOR COMPANY MARK'S NAME: C. Stanley

CHARGE TO: SUG REG. NAME AND NUMBER

TYPE OF MATERIAL
 Production Water
 Tank Bottoms
 Solids
 Drilling Fluids
 Contaminated Soil
 BS&W Content
Description: old

RRIC or API #
VOLUME OF MATERIAL | BBLs. : X YARD 20 : ()
C-133#

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

Be made from TOTAL2 ORDER ADVERTISEMENTS - 432-286-2441 - www.PromoteYourMarket.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238544**

LEASE OPERATOR/SHIPPER/COMPANY: **SUG**

LEASE NAME: **Lumbert Tank Battery**

TRANSPORTER COMPANY: **Martinez Truck**

DATE: **3-8-13** VEHICLE NO: **29**

CHARGE TO: **SUG**

GENERATOR COMPANY
MARKS NAME: **C. Stanley**

TIME: **8:26 AM**

REG NAME
AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BSS&W Content:

- Rinsate
- Jet Out
- Call Out

Description: **old**

RRIC or API #

C-133#

VOLUME OF MATERIAL | BBLs : **X** 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:

Steve Ogata

FACILITY REPRESENTATIVE:

D. Sta Cruz

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

By order of: Susan TOTHALL 2448P 4678151040 - 432-286-2481 • www.PromoSign.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238578**

LEASE OPERATOR/SHIPPER/COMPANY: **SUG**

LEASE NAME: **Lumbert Tank Battery**

TRANSPORTER COMPANY: **Martinez Truck**

DATE: **3-8-13** VEHICLE NO: **29**

CHARGE TO: **SUG**

GENERATOR COMPANY
MARKS NAME: **C. Stanley**

TIME: **10:03 AM**

REG NAME
AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BSS&W Content:

- Rinsate
- Jet Out
- Call Out

Description: **old**

RRIC or API #

C-133#

VOLUME OF MATERIAL | BBLs : **X** 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:

Steve Ogata

FACILITY REPRESENTATIVE:

D. Sta Cruz

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

By order of: Susan TOTHALL 2448P 4678151040 - 432-286-2481 • www.PromoSign.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238602**

LEASE OPERATOR/SHIPPER/COMPANY: **SUG**
LEASE NAME: **EUMONT 71814**
TRANSPORTER COMPANY: **Martinez Truck**
DATE: **3-8-13** VEHICLE NO: **29** TIME: **1:34 AM/PM**
GENERATOR COMPANY NAME: **C. Stanley**
REG NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- B5&W Content
- Rinsate
- Jet Out
- Call Out

Description: **old**

RRC or API #

C-133#

VOLUME OF MATERIAL | BBLs : **X1** 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 SAFETY 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: **Steve Aguila**
(SIGNATURE)

FACILITY REPRESENTATIVE: **A. Sta Cruz**
(SIGNATURE)

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

See website from: TOTALLY GREEN! ADVISORY#615 - 432-296-9461 • www.TotalGreenMarket.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238625**

LEASE OPERATOR/SHIPPER/COMPANY: **SUG**
LEASE NAME: **EUMONT 71814**
TRANSPORTER COMPANY: **Martinez Truck**
DATE: **3-8-13** VEHICLE NO: **29** TIME: **1:14 AM/PM**
GENERATOR COMPANY NAME: **C. Stanley**
REG NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- B5&W Content
- Rinsate
- Jet Out
- Call Out

Description: **old**

RRC or API #

C-133#

VOLUME OF MATERIAL | BBLs : **X1** 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 SAFETY 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: **Steve Aguila**
(SIGNATURE)

FACILITY REPRESENTATIVE: **A. Sta Cruz**
(SIGNATURE)

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

See website from: TOTALLY GREEN! ADVISORY#615 - 432-296-9461 • www.TotalGreenMarket.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238344**

LEASE OPERATOR/SHIPPER/COMPANY: **SUG**

LEASE NAME: **Eumont Tank Battery**

TRANSPORTER COMPANY: **Waltimer Truck** TIME **9:05 AM** / **PM**

DATE: **3-7-13** VEHICLE NO: **25**

CHARGE TO: **SUG** GENERATOR COMPANY NAME: **A. Spuler**

REG. NAME AND NUMBER

TYPE OF MATERIAL

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

Description: **old**

RRC or API #

VOLUME OF MATERIAL BBLs. YARD **20** :

C-133#

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 SAFETY 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: **Am** (SIGNATURE)

FACILITY REPRESENTATIVE: **A. Spuler** (SIGNATURE)

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

See number from: TOTALLY SHARP ADVERTISING • 432-346-3441 • www.totallysharp.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238368**

LEASE OPERATOR/SHIPPER/COMPANY: **SUG**

LEASE NAME: **Eumont Tank Battery**

TRANSPORTER COMPANY: **Waltimer Truck** TIME **10:35 AM** / **PM**

DATE: **3-7-13** VEHICLE NO: **25**

CHARGE TO: **SUG** GENERATOR COMPANY NAME: **A. Spuler**

REG. NAME AND NUMBER

TYPE OF MATERIAL

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

Description: **old**

RRC or API #

VOLUME OF MATERIAL BBLs. YARD **20** :

C-133#

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 SAFETY 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: **Am** (SIGNATURE)

FACILITY REPRESENTATIVE: **A. Spuler** (SIGNATURE)

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

See number from: TOTALLY SHARP ADVERTISING • 432-346-3441 • www.totallysharp.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238408**

LEASE OPERATOR/SHIPPER/COMPANY: **SUG**

LEASE NAME: **Eunice Tank Battery**

TRANSPORTER COMPANY: **Waltinez Truck**

DATE: **3-7-13** VEHICLE NO: **25**

TIME: **12:22 AM (PM)**

GENERATOR COMPANY: **Waltinez Truck**

DATE: **3-7-13** VEHICLE NO: **25**

GENERATOR COMPANY: **Waltinez Truck**

DATE: **3-7-13** VEHICLE NO: **25**

GENERATOR COMPANY: **Waltinez Truck**

DATE: **3-7-13** VEHICLE NO: **25**

CHARGE TO: **3119**

REG NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BSAW Content:

- Rinsate
- Jet Out
- 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.

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DRIVER: **AW**

(SIGNATURE)

FACILITY REPRESENTATIVE: **A. Stanley**

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

By order from: TOTALLY PAPER ACCOUNTING - 432-340-3401 - www.TotalPaper.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238441**

LEASE OPERATOR/SHIPPER/COMPANY: **SUG**

LEASE NAME: **Eunice Tank Battery**

TRANSPORTER COMPANY: **Waltinez Truck**

DATE: **3-7-13** VEHICLE NO: **25**

TIME: **2:01 AM (PM)**

GENERATOR COMPANY: **Waltinez Truck**

DATE: **3-7-13** VEHICLE NO: **25**

GENERATOR COMPANY: **Waltinez Truck**

DATE: **3-7-13** VEHICLE NO: **25**

GENERATOR COMPANY: **Waltinez Truck**

DATE: **3-7-13** VEHICLE NO: **25**

GENERATOR COMPANY: **Waltinez Truck**

CHARGE TO: **3119**

REG NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BSAW Content:

- Rinsate
- Jet Out
- 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.

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DRIVER: **AW**

(SIGNATURE)

FACILITY REPRESENTATIVE: **A. Stanley**

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

By order from: TOTALLY PAPER ACCOUNTING - 432-340-3401 - www.TotalPaper.com



SUNDANCE SERVICES, Inc.

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

TICKET NO. **238478**

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: Furnout Tank Battery

TRANSPORTER COMPANY: Martinez Trucking

DATE: 3-7-13 VEHICLE NO: 25

TIME: 3:31 AM / PM

GENERATOR COMPANY
MARKS NAME: A. Stanley

CHARGE TO: SUG REG. NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BSW Content
- Rinsate
- Jet Out
- Call Out

Description: old

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 SAFETY 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 Act #1

Pink - Transporter

Res. info. from: TOTAL 2148P 42/RT/21486 - 432-586-7401 - www.FacilityRepresentative.com



SUNDANCE SERVICES, Inc.

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

TICKET NO. **238350**

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: Furnout Tank Battery

TRANSPORTER COMPANY: Martinez Trucking

DATE: 3-7-13 VEHICLE NO: 29 TIME: 9:16 AM/PM

GENERATOR COMPANY
MARKS NAME: A. Stanley

CHARGE TO: SUG REG. NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BSW Content
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL | | BBLs. : 1 YARD 21 : | |

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 SAFETY 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 Act #1

Pink - Transporter

Res. info. from: TOTAL 2148P 42/RT/21486 - 432-586-7401 - www.FacilityRepresentative.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238374**

LEASE OPERATOR/SHIPPER/COMPANY: **SUG**

LEASE NAME: **Eunice Tank Battery**

TRANSPORTER COMPANY: **Marketing Truck**

DATE: **3-7-13** VEHICLE NO.: **29** TIME: **11:49 AM** (PM)

GENERATOR COMPANY NAME: **O. Stanley**

CHARGE TO: **SUG**

REG. STATE AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:

Description:

old

RRIC or API #

VOLUME OF MATERIAL | BBLs

: **YARD 20** :

C-133#

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:

(PRINT NAME)

Steve Aguilar

FACILITY REPRESENTATIVE:

(PRINT NAME)

A. Sa Cruz

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

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SUNDANCE SERVICES, Inc.

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

TICKET No. **238404**

LEASE OPERATOR/SHIPPER/COMPANY: **SUG**

LEASE NAME: **Eunice Tank Battery**

TRANSPORTER COMPANY: **Marketing Truck**

DATE: **3-7-13** VEHICLE NO.: **29** TIME: **12:15 AM** (PM)

GENERATOR COMPANY NAME: **O. Stanley**

CHARGE TO: **SUG**

REG. STATE AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:

Description:

old

RRIC or API #

VOLUME OF MATERIAL | BBLs

: **YARD 20** :

C-133#

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:

(PRINT NAME)

Steve Aguilar

FACILITY REPRESENTATIVE:

(PRINT NAME)

A. Sa Cruz

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

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SUNDANCE SERVICES, Inc.

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

TICKET No. **238435**

LEASE OPERATOR/SHIPPER/COMPANY: **SILG**

LEASE NAME: **Eunice Tank Battery**

TRANSPORTER COMPANY: **Martinez Truck**

DATE: **3-7-13** VEHICLE NO: **29** TIME: **1:17 AM/PM**

CHARGE TO: **SILG** REG. NAME AND NUMBER: **O. Stanley**

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BSSW Content:

Description: **old**

RRC or API # _____

VOLUME OF MATERIAL | BBLs. : **X 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.

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DRIVER: **Steve Aguila**

FACILITY REPRESENTATIVE: **D. Sta Cruz**

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

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SUNDANCE SERVICES, Inc.

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

TICKET No. **238472**

LEASE OPERATOR/SHIPPER/COMPANY: **SILG**

LEASE NAME: **Eunice Tank Battery**

TRANSPORTER COMPANY: **Martinez Truck**

DATE: **3-7-13** VEHICLE NO: **29** TIME: **3:23 AM/PM**

CHARGE TO: **SILG** REG. NAME AND NUMBER: **O. Stanley**

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BSSW Content:

Description: **old**

RRC or API # _____

VOLUME OF MATERIAL | BBLs. : **X 1 YARD 20** : |

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DRIVER: **Steve Aguila**

FACILITY REPRESENTATIVE: **D. Sta Cruz**

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

By order of: **TOTALLY SHARP ADVERTISING** - 412-980-2481 • www.PromoSignMarket.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238346**

LEASE OPERATOR/SHIPPER/COMPANY: **SUG**

LEASE NAME: **EUMOT Tank Battery**

TRANSPORTER COMPANY: **Martinez Trucks**

DATE: **3-7-13** VEHICLE NO: **6**

TIME **9:10 AM/PM**

GENERATION COMPANY
MAYST NAME: **O. Stanley**

CHARGE TO: **SUG**

REG. STATE
AND NUMBER

TYPE OF MATERIAL

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

Description: **old**

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 SAFETY 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

No. order form: TDS-101 (10/10/06) 402 346 5 911 www.Promisys.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238371**

LEASE OPERATOR/SHIPPER/COMPANY: **SUG**

LEASE NAME: **EUMOT Tank Battery**

TRANSPORTER COMPANY: **Martinez Trucks**

DATE: **3-7-13** VEHICLE NO: **6**

TIME **12:44 AM/PM**

GENERATION COMPANY
MAYST NAME: **O. Stanley**

CHARGE TO: **SUG**

REG. STATE
AND NUMBER

TYPE OF MATERIAL

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

Description: **old**

RRC or API #

C-133#

VOLUME OF MATERIAL | BBLs. : **X** YARD : **30** : |

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DRIVER:

(SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

No. order form: TDS-101 (10/10/06) 402 346 5 911 www.Promisys.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238407**

LEASE OPERATOR/SHIPPER/COMPANY: **SIUG**

LEASE NAME: **Eunice Tank Battery**

TRANSPORTER COMPANY: **Martinez Truck**

DATE: **3-7-13** VEHICLE NO: **6** TIME: **12:17 AM/PM**

CHARGE TO: **SIUG** REG. NAME AND NUMBER: **A. Stanley**

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- B5&W Content
- Rinsate
- Jet Out
- Call Out

Description: **old**

RRC or API #

VOLUME OF MATERIAL | IBLS. : **1** YARD **20** : | |

C-133#

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

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SUNDANCE SERVICES, Inc.

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

TICKET No. **238439**

LEASE OPERATOR/SHIPPER/COMPANY: **SIUG**

LEASE NAME: **Eunice Tank Battery**

TRANSPORTER COMPANY: **Martinez Truck**

DATE: **3-7-13** VEHICLE NO: **6** TIME: **1:59 AM/PM**

CHARGE TO: **SIUG** REG. NAME AND NUMBER: **A. Stanley**

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- B5&W Content
- Rinsate
- Jet Out
- Call Out

Description: **old**

RRC or API #

VOLUME OF MATERIAL | IBLS. : **1** YARD **20** : | |

C-133#

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

By order From: TOTALLY 24 HOUR ADVERTISING • 432-288-1401 • www.PromotionalSigns.com



SUNDANCE SERVICES, Inc.

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

TICKET No. **238475**

LEASE OPERATOR/SHIPPER/COMPANY: **SUG**

LEASE NAME: **Euphont Tank Battery**

TRANSPORTER COMPANY: **Martinez Truck**

DATE: **3-7-13** VEHICLE NO: **6** TIME: **3:29 AM PM**

CHARGE TO: **SUG** DRIVER NAME: **A. Stanley**

REG. NAME: _____ REG. NUMBER: _____

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BSKW Content
- Rinsate
- Jet Out
- Call Out

Description: **oil**

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. 56901, 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

By e-mail to: TOTALS@SUNDANCE.COM • 432-286-2401 • www.PromotingSundance.com

Manifest #

SOUTH MONUMENT SURFACE WASTE FACILITY
LANDFARM - DIRT SALES
(575)392-1050 WORK (575)390-3665 CELL (575)391-8391 HOME

LEASE OPERATOR
Southern Union Gas Services
801 S Loop 464 Marakow TX 79706

ORIGINATING LOCATION
- Ecomat Tank Drilling
L.H.D. Sec 30 T205 R17E

TRANSPORTER NAME & ADDRESS

Asin Environmental
DESCRIPTION OF WASTE

Non-Hazardous Hydrocarbons

FACILITY CONTACT:

SIGNATURE OF CONTACT

CELL NUMBER MATERIAL PLACED IN:

NAME OF TRANSPORTER (DRIVER):

Lolo West
SIGNATURE OF DRIVER

DISPOSAL SITE

South Monument Surface Waste Facility
P. O. Box 416
Robbs, NM 88241-0418
575-390-3665 CELL
575-391-8391 HOME

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C regulations; and not mixed with non-exempt waste."

FACILITY REPRESENTATIVE

DATE

7/22/01
DATE

PERMIT NM-01-0032
N/2 N3/4 S25/T205/R36E
575-390-3665 CELL
575-391-8391 HOME

Manifest #

SOUTH MONUMENT SURFACE WASTE FACILITY
LANDFARM - DIRT SALES
(575)392-1050 WORK (575)390-3665 CELL (575)391-8391 HOME

LEASE OPERATOR
Southern Union Gas Services
801 S Loop 464 Marakow TX 79706

ORIGINATING LOCATION
Ecomat Tank Drilling
L.H.D. Sec 30 T205 R17E

TRANSPORTER NAME & ADDRESS

Asin Environmental
DESCRIPTION OF WASTE

Non-Hazardous Hydrocarbons

FACILITY CONTACT:

SIGNATURE OF CONTACT

CELL NUMBER MATERIAL PLACED IN:

NAME OF TRANSPORTER (DRIVER):

Lolo West
SIGNATURE OF DRIVER

DISPOSAL SITE

South Monument Surface Waste Facility
P. O. Box 416
Robbs, NM 88241-0418
575-390-3665 CELL
575-391-8391 HOME

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C regulations; and not mixed with non-exempt waste."

FACILITY REPRESENTATIVE

DATE

3/20/03
DATE

PERMIT NM-01-0032
N/2 N3/4 S25/T205/R36E
575-390-3665 CELL
575-391-8391 HOME

Manifest #

SOUTH MONUMENT SURFACE WASTE FACILITY

LANDFARM - DIRT SALES
(575)392-1050 WORK (575)390-3665 CELL (575)391-8391 HOME

LEASE OPERATOR
Southern Union Gas Services
801 S Loop 464 Monahan, TX 79756

ORIGINATING LOCATION

Furness Tank Battery
L.V. N 50136 7205 ROAD

TRANSPORTER NAME & ADDRESS

Basin Environmental Services

DESCRIPTION OF WASTE

Non-Hazardous Hydrocarbons

QUANTITY

192 YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

C5

NAME OF TRANSPORTER (DRIVER):

SIGNATURE OF DRIVER

DATE

2/12/13

DISPOSAL SITE

South Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
525 T205 R36E N/2 NE/4

PERMIT #NM-01-0032
N/2 NE/4 S25/T205/R36E
575-390-3665 CELL
575-391-8391 HOME

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) subtitle C regulations; and not mixed with non-exempt waste."

FACILITY REPRESENTATIVE

DATE

Manifest #

SOUTH MONUMENT SURFACE WASTE FACILITY

LANDFARM - DIRT SALES
(575)392-1050 WORK (575)390-3665 CELL (575)391-8391 HOME

LEASE OPERATOR
Southern Union Gas Services
801 S Loop 464 Monahan, TX 79756

ORIGINATING LOCATION

Furness Tank Battery
L.V. N. 50136 T205 ROAD

TRANSPORTER NAME & ADDRESS

Basin Environmental

DESCRIPTION OF WASTE

Non-Hazardous Hydrocarbons

QUANTITY

23 M @ 12 YDS
276 Yards

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

C1

NAME OF TRANSPORTER (DRIVER):

SIGNATURE OF DRIVER

DATE

2/12/2013

DISPOSAL SITE

South Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
525 T205 R36E N/2 NE/4

PERMIT #NM-01-0032
N/2 NE/4 S25/T205/R36E
575-390-3665 CELL
575-391-8391 HOME

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FACILITY REPRESENTATIVE

DATE

Manifest #

SOUTH MONUMENT SURFACE WASTE FACILITY

LANDEFARM - DIRT SALES
(575)392-1050 WORK (575)390-3665 CELL (575)391-8391 HOME

ORIGINATING LOCATION

LEASE OPERATOR
Southern Union Gas Services
801 S Loop 464 Marshfield TX 79756
Eupaut Tank Bldg
LHW Sec 30 T205 A77E

TRANSPORTER NAME & ADDRESS

Basin Environmental

DESCRIPTION OF WASTE

Non-Hazardous Hydrocarbons

QUANTITY

252 YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

C6

NAME OF TRANSPORTER (DRIVER):

Lesho Mark

SIGNATURE OF DRIVER

DATE 2/15/2017

DISPOSAL SITE

South Monument Surface Waste Facility
P. O. Box 418 89241-0418
Robbs, NM 89241-0418
525 T205 R36E N/2 NE/4

PERMIT #NM-01-0032
N/2 N3/4 S25/T205/R36E
575-390-3665 CELL
575-391-8391 HOME

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FACILITY REPRESENTATIVE

DATE

Manifest #

SOUTH MONUMENT SURFACE WASTE FACILITY

LANDEFARM - DIRT SALES
(575)392-1050 WORK (575)390-3665 CELL (575)391-8391 HOME

ORIGINATING LOCATION

LEASE OPERATOR
Southern Union Gas Services
801 S Loop 464 Marshfield TX 79756
Eupaut Tank Bldg
LHW Sec 30 T205 A77E

TRANSPORTER NAME & ADDRESS

Basin Environmental

DESCRIPTION OF WASTE

Non-Hazardous Hydrocarbons

QUANTITY

21 M3 @ 12 YDS
252 YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

C2

NAME OF TRANSPORTER (DRIVER):

Lesho Mark

SIGNATURE OF DRIVER

DATE 2/18/2017

DISPOSAL SITE

South Monument Surface Waste Facility
P. O. Box 418 89241-0418
Robbs, NM 89241-0418
525 T205 R36E N/2 NE/4

PERMIT #NM-01-0032
N/2 N3/4 S25/T205/R36E
575-390-3665 CELL
575-391-8391 HOME

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C regulations; and not mixed with non-exempt waste."

FACILITY REPRESENTATIVE

DATE

Manifest #

SOUTH MONUMENT SURFACE WASTE FACILITY
LANDFARM - DIRT SALES
(575)392-1050 WORK (575)390-3665 CELL (575)391-8391 HOME

LEASE OPERATOR
Southern Union Gas Services
801 Stamp Hill Muskogee, TX 79796
ORIGINATING LOCATION
Equest Trail Park
14 N. State 7205 #322E

TRANSPORTER NAME & ADDRESS

Basin Environmental

DESCRIPTION OF WASTE

Non-hazardous Hydrocarbons

QUANTITY

20 *10's* @ 12 *gals*
240 *gals total*

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

CL

NAME OF TRANSPORTER (DRIVER):

John Jones

SIGNATURE OF DRIVER

DATE

DISPOSAL SITE
South Monument Surface Waste Facility
P. O. Box 418
Robbs, NM 88241-0418
575-390-3665 CELL
575-391-8391 HOME

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C regulations; and not mixed with non-exempt waste."

FACILITY REPRESENTATIVE

DATE

Manifest #

SOUTH MONUMENT SURFACE WASTE FACILITY
LANDFARM - DIRT SALES
(575)392-1050 WORK (575)390-3665 CELL (575)391-8391 HOME

LEASE OPERATOR
Southern Union Gas Services
801 Stamp Hill Muskogee, TX 79796
ORIGINATING LOCATION
Equest Trail Park
14 N. State 7205 #322E

TRANSPORTER NAME & ADDRESS

Basin Environmental

DESCRIPTION OF WASTE

Non-hazardous Hydrocarbons

QUANTITY

Redwood Total YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

Cell # 11100

NAME OF TRANSPORTER (DRIVER):

John Jones

SIGNATURE OF DRIVER

DATE

DISPOSAL SITE
South Monument Surface Waste Facility
P. O. Box 418
Robbs, NM 88241-0418
575-390-3665 CELL
575-391-8391 HOME

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C regulations; and not mixed with non-exempt waste."

FACILITY REPRESENTATIVE

DATE

Manifest #

SOUTH MONUMENT SURFACE WASTE FACILITY
LANDFARM - DIRT SALES
(575) 392-1050 WORK (575) 390-3665 CELL (575) 391-8391 HOME

LEASE OPERATOR
SOUTHERN UNION GAS SERVICES
801 S. LOOP 464 MONROVIA, TX 79756

TRANSPORTER NAME & ADDRESS
Aspen Environmental Services

DESCRIPTION OF WASTE
Non-Hazardous Hydrocarbons

FACILITY CONTACT:

SIGNATURE OF CONTACT

CELL NUMBER MATERIAL PLACED IN:

NAME OF TRANSPORTER (DRIVER):

SIGNATURE OF DRIVER *M. Breen* DATE *7-17-2017*

DISPOSAL SITE
South Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
575-390-3665 CELL
575-391-8391 HOME

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C regulations; and not mixed with non-exempt waste."

FACILITY REPRESENTATIVE

2017 1010

Manifest #

SOUTH MONUMENT SURFACE WASTE FACILITY
LANDFARM - DIRT SALES
(575) 392-1050 WORK (575) 390-3665 CELL (575) 391-8391 HOME

LEASE OPERATOR
Southern Union Gas Services
201 - Loop 464 Monrovia TX 79756

TRANSPORTER NAME & ADDRESS

DESCRIPTION OF WASTE
Non-Hazardous Hydrocarbons

FACILITY CONTACT:

SIGNATURE OF CONTACT

CELL NUMBER MATERIAL PLACED IN:

NAME OF TRANSPORTER (DRIVER):

SIGNATURE OF DRIVER *Luis Nolasco* DATE *3/13/2017*

DISPOSAL SITE
South Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
575-390-3665 CELL
575-391-8391 HOME

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C regulations; and not mixed with non-exempt waste."

FACILITY REPRESENTATIVE

Manifest #

SOUTH MONUMENT SURFACE WASTE FACILITY
LANDFARM - DIRT SALES
(575)392-1050 WORK (575)390-3665 CELL (575)391-8391 HOME

LEASE OPERATOR
SOUTHERN UNION GAS SERVICES
801 S Loop 464 Moorhead, TX 79786

ORIGINATING LOCATION
Evanston Tank Battery
Lot 150 to 1607 LB7E

TRANSPORTER NAME & ADDRESS
Basis Environmental Services

DESCRIPTION OF WASTE
Non-hazardous Hydrocarbons

QUANTITY
200 yd total yds

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

call 5 20 low = 140
call 9 5 Comb = 600

NAME OF TRANSPORTER (DRIVER):

7-12-8012

SIGNATURE OF DRIVER

DATE

DISPOSAL SITE
South Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
525 T205 R36E N/2 NE/4

PERMIT NM-01-0032
N/2 NE/4 S25/T205/R36E
575-390-3665 CELL
575-391-8391 HOME

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FACILITY REPRESENTATIVE

DATE

Manifest #

SOUTH MONUMENT SURFACE WASTE FACILITY
LANDFARM - DIRT SALES
(575)392-1050 WORK (575)390-3665 CELL (575)391-8391 HOME

LEASE OPERATOR
Southern Union Gas Services
801 S Loop 464 Moorhead, TX 79786

ORIGINATING LOCATION
Evanston Tank Battery
Lot 150 to 1607 LB7E

TRANSPORTER NAME & ADDRESS
Basis Environmental Services

DESCRIPTION OF WASTE

Non-hazardous Hydrocarbons

QUANTITY

84 YDS

FACILITY CONTACT:

SIGNATURE OF CONTACT

DATE

CELL NUMBER MATERIAL PLACED IN:

C 4

NAME OF TRANSPORTER (DRIVER):

3/17/13

SIGNATURE OF DRIVER

DATE

DISPOSAL SITE
South Monument Surface Waste Facility
P. O. Box 418
Hobbs, NM 88241-0418
525 T205 R36E N/2 NE/4

PERMIT NM-01-0032
N/2 NE/4 S25/T205/R36E
575-390-3665 CELL
575-391-8391 HOME

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FACILITY REPRESENTATIVE

DATE

Analytical Report 298016

for

Southern Union Gas Services-Jal

Project Manager: Tony Savoie

Eumont Tank

BGT 002

25-FEB-08



12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:
Houston, TX T104704215

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675
Norcross(Atlanta), GA E87429

South Carolina certification numbers:
Norcross(Atlanta), GA 98015

North Carolina certification numbers:
Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta



25-FEB-08

Project Manager: **Tony Savoie**
Southern Union Gas Services-Jal
610 Commerce
Jal, NM 88252

Reference: XENCO Report No: **298016**
Eumont Tank
Project Address: Lea County, NM

Tony Savoie:

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 298016. 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. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. 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. 298016 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,

Brent Barron, II

Odessa Laboratory Manager

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Sample Cross Reference 298016



Southern Union Gas Services-Jal, Jal, NM

Eumont Tank

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
A Floor	S	Feb-19-08 09:30	10 ft	298016-001
B Floor	S	Feb-19-08 09:35	10 ft	298016-002
C Floor	S	Feb-19-08 09:40	10 ft	298016-003
D Floor	S	Feb-19-08 09:45	10 ft	298016-004
E Floor	S	Feb-19-08 09:55	10 ft	298016-005
North Wall	S	Feb-19-08 10:00	5 ft	298016-006
South Wall	S	Feb-19-08 10:10	5 ft	298016-007
East Wall	S	Feb-19-08 10:15	5 ft	298016-008
West Wall	S	Feb-19-08 10:25	5 ft	298016-009

Project Name: Eumont Tank

Date Received in Lab: Wed Feb-20-08 01:45 pm
Report Date: 25-FEB-08
Project Manager: Brent Barron, II

Project Id: BGT 002
Contact: Tony Savoie
Project Location: Lea County, NM

Lab Id:	Field Id:	Depth:	Matrix:	Sampled:	298016-001	298016-002	298016-003	298016-004	298016-005	298016-006
Analysis Requested										
BTEX by EPA 8021										
Benzene										
Toluene										
Ethylbenzene										
m,p-Xylenes										
o-Xylene										
Xylenes, Total										
Total BTEX										
Determination of Inorganic Anions per Ion Chromatography by										
Chloride										
Percent Moisture										
Extracted:										
Analyzed:										
Units/RL:										
TPH by SW8015 Mod										
Extracted:										
Analyzed:										
Units/RL:										
C6-C12 Gasoline Range Hydrocarbons										
C12-C28 Diesel Range Hydrocarbons										
C28-C35 Oil Range Hydrocarbons										
Total TPH										

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.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi



Brent Barron
 Odessa Laboratory Director

Project Name: Eumont Tank

Date Received in Lab: Wed Feb-20-08 01:45 pm
Report Date: 25-FEB-08
Project Manager: Brent Barron, II

Project Id: BGT 002
Contact: Tony Savoie
Project Location: Lea County, NM

Analysis Requested	Lab Id:	Field Id:	Depth:	Matrix:	Sampled:	298016-007	298016-008	298016-009
		South Wall	5- ft	SOIL	Feb-19-08 10:10	Feb-20-08 17:00	Feb-19-08 10:15	Feb-20-08 17:00
		%	RL			%	RL	%
Percent Moisture		9.27				5.35		10.4
		Feb-20-08 16:47				Feb-20-08 16:47		Feb-20-08 16:47
TPH by SW8015 Mod		Feb-20-08 20:56				Feb-20-08 21:22		Feb-20-08 21:49
		mg/kg	RL			mg/kg	RL	mg/kg
C6-C12 Gasoline Range Hydrocarbons		ND	16.5			16.8	15.8	ND
C12-C28 Diesel Range Hydrocarbons		ND	16.5			110	15.8	ND
C28-C35 Oil Range Hydrocarbons		ND	16.5			ND	15.8	ND
Total TPH		ND				126.8		ND

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Brent Barron
 Odessa Laboratory Director



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 effect the recovery of the spike concentration. This condition could also effect 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 MQL(PQL) and above the SQL(MDL).
 - 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.
- * Outside XENCO'S scope of NELAC Accreditation

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2505 N. Falkenburg Rd., Tampa, FL 33619
5757 NW 158th St, Miami Lakes, FL 33014
6017 Financial Dr., Norcross, GA 30071

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(281) 589-0692	(281) 589-0695
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(770) 449-8800	(770) 449-5477



Form 2 - Surrogate Recoveries



Project Name: Eumont Tank

Work Order #: 298016

Project ID: BGT 002

Lab Batch #: 715397

Sample: 298016-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0328	0.0300	109	80-120	
4-Bromofluorobenzene	0.0679	0.0300	226	80-120	**

Lab Batch #: 715397

Sample: 505003-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0290	0.0300	97	80-120	
4-Bromofluorobenzene	0.0296	0.0300	99	80-120	

Lab Batch #: 715397

Sample: 505003-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0318	0.0300	106	80-120	
4-Bromofluorobenzene	0.0321	0.0300	107	80-120	

Lab Batch #: 715397

Sample: 505003-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0293	0.0300	98	80-120	
4-Bromofluorobenzene	0.0287	0.0300	96	80-120	

Lab Batch #: 715236

Sample: 297960-002 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	126	100	126	70-135	
o-Terphenyl	56.7	50.0	113	70-135	

** 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: Eumont Tank



Work Order #: 298016

Project ID: BGT 002

Lab Batch #: 715236

Sample: 297960-002 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
l-Chlorooctane	119	100	119	70-135	
o-Terphenyl	53.1	50.0	106	70-135	

Lab Batch #: 715236

Sample: 298016-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
l-Chlorooctane	110	100	110	70-135	
o-Terphenyl	58.1	50.0	116	70-135	

Lab Batch #: 715236

Sample: 298016-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
l-Chlorooctane	98.7	100	99	70-135	
o-Terphenyl	52.1	50.0	104	70-135	

Lab Batch #: 715236

Sample: 298016-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
l-Chlorooctane	107	100	107	70-135	
o-Terphenyl	56.9	50.0	114	70-135	

Lab Batch #: 715236

Sample: 298016-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
l-Chlorooctane	101	100	101	70-135	
o-Terphenyl	53.1	50.0	106	70-135	

** 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: Eumont Tank

Work Order #: 298016

Project ID: BGT 002

Lab Batch #: 715236

Sample: 298016-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
l-Chlorooctane	101	100	101	70-135	
o-Terphenyl	52.8	50.0	106	70-135	

Lab Batch #: 715236

Sample: 298016-006 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
l-Chlorooctane	102	100	102	70-135	
o-Terphenyl	54.0	50.0	108	70-135	

Lab Batch #: 715236

Sample: 298016-007 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
l-Chlorooctane	102	100	102	70-135	
o-Terphenyl	53.5	50.0	107	70-135	

Lab Batch #: 715236

Sample: 298016-008 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
l-Chlorooctane	97.6	100	98	70-135	
o-Terphenyl	51.5	50.0	103	70-135	

Lab Batch #: 715236

Sample: 298016-009 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
l-Chlorooctane	103	100	103	70-135	
o-Terphenyl	54.8	50.0	110	70-135	

** 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: Eumont Tank

Work Order #: 298016

Project ID: BGT 002

Lab Batch #: 715236

Sample: 504930-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	116	100	116	70-135	
o-Terphenyl	52.1	50.0	104	70-135	

Lab Batch #: 715236

Sample: 504930-1-BKS / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	115	100	115	70-135	
o-Terphenyl	51.6	50.0	103	70-135	

Lab Batch #: 715236

Sample: 504930-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	108	100	108	70-135	
o-Terphenyl	56.9	50.0	114	70-135	

** 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.



Blank Spike Recovery



Project Name: Eumont Tank

Work Order #: 298016

Project ID:

BGT 002

Lab Batch #: 715436

Sample: 715436-1-BKS

Matrix: Solid

Date Analyzed: 02/21/2008

Date Prepared: 02/21/2008

Analyst: LATCOR

Reporting Units: mg/kg

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

Determination of Inorganic Anions per Ion Chro	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Analytes						
Chloride	ND	10.0	9.64	96	75-125	

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

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

Project Name: Eumont Tank

Work Order #: 298016

Analyst: SHE

Lab Batch ID: 715397

Sample: 505003-1-BKS

Batch #: 1

Date Prepared: 02/21/2008

Project ID: BGT 002

Date Analyzed: 02/22/2008

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Analytes	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
BTEX by EPA 8021											
Benzene	ND	0.1000	0.0906	91	0.1	0.0890	89	2	70-130	35	
Toluene	ND	0.1000	0.0902	90	0.1	0.0885	89	2	70-130	35	
Ethylbenzene	ND	0.1000	0.0913	91	0.1	0.0892	89	2	71-129	35	
m,p-Xylenes	ND	0.2000	0.1820	91	0.2	0.1778	89	2	70-135	35	
o-Xylene	ND	0.1000	0.0973	97	0.1	0.0941	94	3	71-133	35	

Analyst: SHE

Lab Batch ID: 715236

Sample: 504930-1-BKS

Batch #: 1

Date Prepared: 02/20/2008

Date Analyzed: 02/20/2008

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Analytes	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
TPH by SW8015 Mod											
C6-C12 Gasoline Range Hydrocarbons	ND	1000	920	92	1000	901	90	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	837	84	1000	817	82	2	70-135	35	

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

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: Eumont Tank

Work Order #: 298016

Lab Batch #: 715436

Date Analyzed: 02/21/2008

QC- Sample ID: 298016-005 S

Reporting Units: mg/kg

Date Prepared: 02/21/2008

Batch #: 1

Project ID: BGT 002

Analyst: LATCOR

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	429	229	682	110	75-125	

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



Form 3 - MS / MSD Recoveries



Project Name: Eumont Tank

Work Order #: 298016

Project ID: BGT 002

Lab Batch ID: 715236

QC- Sample ID: 297960-002 S Batch #: 1 Matrix: Soil

Date Analyzed: 02/20/2008

Date Prepared: 02/20/2008 Analyst: SHE

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

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	ND	1070	1040	97	1070	980	92	5	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1070	956	89	1070	901	84	6	70-135	35	

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

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: Eumont Tank

Work Order #: 298016

Lab Batch #: 715436

Date Analyzed: 02/21/2008

QC- Sample ID: 298016-005 D

Reporting Units: mg/kg

Project ID: BGT 002

Date Prepared: 02/21/2008

Batch #: 1

Analyst: LATCOR

Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY

Determination of Inorganic Anions per Ion Chromatography by Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloride	429	439	2	20	

Lab Batch #: 715262

Date Analyzed: 02/20/2008

QC- Sample ID: 297960-001 D

Reporting Units: %

Date Prepared: 02/20/2008

Batch #: 1

Analyst: JLG

Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY

Percent Moisture Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	6.51	6.20	5	20	

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

Environmental Lab of Texas

CHAIN OF CUSTODY REC
 12600 West I-20 East
 Odessa, Texas 79765

Project Manager: Tony Savoie PAGE 01 OF 01 Project
 Company Name: Southern Union Gas Pr
 Company Address: SUGS, Jal Proj
 City/State/Zip: Jal, New Mexico 88252
 Telephone No: (575) 631-9376 Report Fo
 Sampler Signature: Bobby Blackwood Fax No:
 e-mail: tony.savoie@sug.com

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers										Matrix	
								Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW - Drinking Water SL - Sludge	CW - Groundwater S - Soil/Soil		NP - Non-Potable Specify Oth
1	A FLOOR		10'	19 Feb-08	0930		1	X										SOIL	X
2	B FLOOR		10'	19-Feb-08	0935		1	X										SOIL	X
3	C FLOOR		10'	19-Feb-08	0940		1	X										SOIL	X
4	D FLOOR		10'	19-Feb-08	0945		1	X										SOIL	X
5	E FLOOR		10'	19-Feb-08	0955		1	X										SOIL	X
6	NORTH WALL		5'	19-Feb-08	1000		1	X										SOIL	X
7	SOUTH WALL		5'	19-Feb-08	1010		1	X										SOIL	X
8	EAST WALL		5'	19-Feb-08	1015		1	X										SOIL	X
9	WEST WALL		5'	19-Feb-08	1025		1	X										SOIL	X

Special Instructions:

Relinquished by: Bobby Blackwood Date: 20 Feb 08 Time: 0900 Received by: Jana Blackwood Date: 2/20/08 Time: 9:11

Relinquished by: Jana Blackwood Date: 4/20/08 Time: 1:45 Received by: Andrea Jann Date: 2-20-08 Time: 1:15

#1	Temperature of container/ cooler?	Yes	No	4.2	
#2	Shipping container in good condition?	Yes	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
#4	Custody Seals intact on sample bottles/ container?	Yes	No	Not Present	
#5	Chain of Custody present?	Yes	No		
#6	Sample instructions complete of Chain of Custody?	Yes	No		
#7	Chain of Custody signed when relinquished/ received?	Yes	No		
#8	Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	Yes	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	Yes	No		
#11	Containers supplied by ELOT?	Yes	No		
#12	Samples in proper container/ bottle?	Yes	No	See Below	
#13	Samples properly preserved?	Yes	No	See Below	
#14	Sample bottles intact?	Yes	No		
#15	Preservations documented on Chain of Custody?	Yes	No		
#16	Containers documented on Chain of Custody?	Yes	No		
#17	Sufficient sample amount for indicated test(s)?	Yes	No	See Below	
#18	All samples received within sufficient hold time?	Yes	No	See Below	
#19	Subcontract of sample(s)?	Yes	No	Not Applicable	
#20	VOC samples have zero headspace?	Yes	No	Not Applicable	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken:

- Check all that Apply:
- See attached e-mail/ fax
 - Client understands and would like to proceed with analysis
 - Cooling process had begun shortly after sampling event

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706**

PBELAB

Analytical Report

Prepared for:

Joel Lowry
Basin Environmental Services
P.O. Box 301
Lovington, NM 88260

Project: Eumont Tank Battery (RP 1799)

Project Number: SUG Historical Release

Location: Lea County, New Mexico

Lab Order Number: 2H24007



NELAP/TCEQ # T104704156-12-1

Report Date: 08/29/12

Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Eumont Tank Battery (RP 1799)
Project Number: SUG Historical Release
Project Manager: Joel Lowry

Fax: (505) 396-1429

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TT-1 @ 10'	2H24007-01	Soil	08/22/12 10:30	08-24-2012 13:50
TT-1 @ 16'	2H24007-02	Soil	08/22/12 10:50	08-24-2012 13:50
TT-2 West	2H24007-03	Soil	08/22/12 11:30	08-24-2012 13:50
TT-2 East	2H24007-04	Soil	08/22/12 11:15	08-24-2012 13:50
TT-3 @ 8'	2H24007-05	Soil	08/22/12 12:00	08-24-2012 13:50
TT-4 @ 7'	2H24007-06	Soil	08/22/12 12:40	08-24-2012 13:50
TT-1 @ 3'	2H24007-07	Soil	08/22/12 10:10	08-24-2012 13:50

Organics by GC
Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TT-1 @ 10' (2H24007-01) Soil									
Benzene	ND	0.0200	mg/kg dry	20	EH22804	08/26/12	08/27/12	EPA 8021B	
Toluene	ND	0.0400	"	"	"	"	"	"	
Ethylbenzene	0.233	0.0200	"	"	"	"	"	"	
Xylene (p/m)	0.805	0.0400	"	"	"	"	"	"	
Xylene (o)	0.714	0.0200	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		88.2 %	75-125		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>		93.3 %	75-125		"	"	"	"	
C6-C12	731	16.5	mg/kg dry	"	EH22805	08/27/12	08/27/12	EPA 8015M	
>C12-C28	5480	16.5	"	"	"	"	"	"	
>C28-C35	971	16.5	"	"	"	"	"	"	
Total Hydrocarbons	7180	16.5	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		105 %	70-130		"	"	"	"	
<i>Surrogate: o-Terphenyl</i>		93.6 %	70-130		"	"	"	"	
TT-1 @ 16' (2H24007-02) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EH22901	08/28/12	08/28/12	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	0.00641	0.00100	"	"	"	"	"	"	
Xylene (p/m)	0.0237	0.00200	"	"	"	"	"	"	
Xylene (o)	0.0115	0.00100	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		106 %	75-125		"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>		100 %	75-125		"	"	"	"	
C6-C12	149	16.5	mg/kg dry	"	EH22805	08/27/12	08/27/12	EPA 8015M	
>C12-C28	3220	16.5	"	"	"	"	"	"	
>C28-C35	625	16.5	"	"	"	"	"	"	
Total Hydrocarbons	3990	16.5	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		107 %	70-130		"	"	"	"	
<i>Surrogate: o-Terphenyl</i>		102 %	70-130		"	"	"	"	
TT-2 West (2H24007-03) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EH22804	08/26/12	08/27/12	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>		103 %	75-125		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		101 %	75-125		"	"	"	"	
C6-C12	ND	15.8	mg/kg dry	"	EH22706	08/24/12	08/25/12	EPA 8015M	

Permian Basin Environmental Lab

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 Permian Basin Environmental Lab.

Organics by GC
Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TT-2 West (2H24007-03) Soil									
>C12-C28	ND	15.8	mg/kg dry	1	EH22706	08/24/12	08/25/12	EPA 8015M	
>C28-C35	ND	15.8	"	"	"	"	"	"	
Total Hydrocarbons	ND	15.8	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		112 %	70-130		"	"	"	"	
<i>Surrogate: o-Terphenyl</i>		119 %	70-130		"	"	"	"	
TT-2 East (2H24007-04) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EH22804	08/26/12	08/27/12	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>		119 %	75-125		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	75-125		"	"	"	"	
C6-C12	361	81.5	mg/kg dry	5	EH22706	08/24/12	08/25/12	EPA 8015M	
>C12-C28	24900	81.5	"	"	"	"	"	"	
>C28-C35	3870	81.5	"	"	"	"	"	"	
Total Hydrocarbons	29200	81.5	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		107 %	70-130		"	"	"	"	
<i>Surrogate: o-Terphenyl</i>		127 %	70-130		"	"	"	"	
TT-3 @ 8' (2H24007-05) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EH22804	08/26/12	08/27/12	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>		104 %	75-125		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.0 %	75-125		"	"	"	"	
C6-C12	ND	15.6	mg/kg dry	"	EH22706	08/24/12	08/25/12	EPA 8015M	
>C12-C28	ND	15.6	"	"	"	"	"	"	
>C28-C35	ND	15.6	"	"	"	"	"	"	
Total Hydrocarbons	ND	15.6	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		104 %	70-130		"	"	"	"	
<i>Surrogate: o-Terphenyl</i>		112 %	70-130		"	"	"	"	

Organics by GC
Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TT-4 @ 7' (2H24007-06) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EH22804	08/26/12	08/27/12	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>		102 %	75-125		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %	75-125		"	"	"	"	
C6-C12	ND	15.5	mg/kg dry	"	EH22706	08/24/12	08/25/12	EPA 8015M	
>C12-C28	ND	15.5	"	"	"	"	"	"	
>C28-C35	ND	15.5	"	"	"	"	"	"	
Total Hydrocarbons	ND	15.5	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		109 %	70-130		"	"	"	"	
<i>Surrogate: o-Terphenyl</i>		115 %	70-130		"	"	"	"	
TT-1 @ 3' (2H24007-07) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EH22804	08/26/12	08/27/12	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: 1,4-Difluorobenzene</i>		106 %	75-125		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.8 %	75-125		"	"	"	"	
C6-C12	ND	15.3	mg/kg dry	"	EH22805	08/27/12	08/27/12	EPA 8015M	
>C12-C28	725	15.3	"	"	"	"	"	"	
>C28-C35	324	15.3	"	"	"	"	"	"	
Total Hydrocarbons	1050	15.3	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		108 %	70-130		"	"	"	"	
<i>Surrogate: o-Terphenyl</i>		105 %	70-130		"	"	"	"	

General Chemistry Parameters by EPA / Standard Methods
Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TT-1 @ 10' (2H24007-01) Soil									
Chloride	12.9	1.10	mg/kg dry wt. dry	1	EH22705	08/26/12	08/27/12	EPA 300.0	
% Moisture	9.0	0.1	%	"	EH22702	08/24/12	08/27/12	% calculation	
TT-1 @ 16' (2H24007-02) Soil									
Chloride	7.60	1.10	mg/kg dry wt. dry	1	EH22705	08/26/12	08/27/12	EPA 300.0	
% Moisture	9.0	0.1	%	"	EH22702	08/24/12	08/27/12	% calculation	
TT-2 West (2H24007-03) Soil									
Chloride	10.8	1.05	mg/kg dry wt. dry	1	EH22705	08/26/12	08/27/12	EPA 300.0	
% Moisture	5.0	0.1	%	"	EH22702	08/24/12	08/27/12	% calculation	
TT-2 East (2H24007-04) Soil									
Chloride	8.90	1.09	mg/kg dry wt. dry	1	EH22705	08/26/12	08/27/12	EPA 300.0	
% Moisture	8.0	0.1	%	"	EH22702	08/24/12	08/27/12	% calculation	
TT-3 @ 8' (2H24007-05) Soil									
Chloride	135	1.04	mg/kg dry wt. dry	1	EH22705	08/26/12	08/27/12	EPA 300.0	
% Moisture	4.0	0.1	%	"	EH22702	08/24/12	08/27/12	% calculation	
TT-4 @ 7' (2H24007-06) Soil									
Chloride	7.48	1.03	mg/kg dry wt. dry	1	EH22705	08/26/12	08/27/12	EPA 300.0	
% Moisture	3.0	0.1	%	"	EH22702	08/24/12	08/27/12	% calculation	
TT-1 @ 3' (2H24007-07) Soil									
Chloride	1.46	1.02	mg/kg dry wt. dry	1	EH22705	08/26/12	08/27/12	EPA 300.0	
% Moisture	2.0	0.1	%	"	EH22702	08/24/12	08/27/12	% calculation	

Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Eumont Tank Battery (RP 1799)
Project Number: SUG Historical Release
Project Manager: Joel Lowry

Fax: (505) 396-1429

**Organics by GC - Quality Control
Permian Basin Environmental Lab**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EH22706 - 8015M

Blank (EH22706-BLK1)

Prepared & Analyzed: 08/24/12

C6-C12	ND	15.0	mg/kg wet							
>C12-C28	ND	15.0	"							
>C28-C35	ND	15.0	"							
Total Hydrocarbons	ND	15.0	"							
Surrogate: 1-Chlorooctane	114		"	100		114	70-130			
Surrogate: o-Terphenyl	60.2		"	50.0		120	70-130			

LCS (EH22706-BS1)

Prepared & Analyzed: 08/24/12

C6-C12	779	15.0	mg/kg wet	1000		77.9	75-125			
>C12-C28	804	15.0	"	1000		80.4	75-125			
>C28-C35	ND	15.0	"	0.00			75-125			
Total Hydrocarbons	ND	15.0	"	0.00			75-125			
Surrogate: 1-Chlorooctane	129		"	100		129	70-130			
Surrogate: o-Terphenyl	53.5		"	50.0		107	70-130			

LCS Dup (EH22706-BSD1)

Prepared & Analyzed: 08/24/12

C6-C12	840	15.0	mg/kg wet	1000		84.0	75-125	7.54	20	
>C12-C28	865	15.0	"	1000		86.5	75-125	7.31	20	
Total Hydrocarbons	ND	15.0	"	0.00			75-125		20	
Surrogate: 1-Chlorooctane	130		"	100		130	70-130			
Surrogate: o-Terphenyl	55.8		"	50.0		112	70-130			

Matrix Spike (EH22706-MS1)

Source: 2H23002-01

Prepared: 08/24/12 Analyzed: 08/25/12

C6-C12	864	15.8	mg/kg dry	1050	ND	82.3	75-125			
>C12-C28	977	15.8	"	1050	ND	93.0	75-125			
>C28-C35	ND	15.8	"	0.00	ND		75-125			
Total Hydrocarbons	ND	15.8	"	0.00	ND		75-125			
Surrogate: 1-Chlorooctane	135		"	105		129	70-130			
Surrogate: o-Terphenyl	58.0		"	52.6		110	70-130			

Organics by GC - Quality Control
Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EH22706 - 8015M

Matrix Spike Dup (EH22706-MSD1)

Source: 2H23002-01

Prepared: 08/24/12 Analyzed: 08/25/12

C6-C12	847	15.8	mg/kg dry	1050	ND	80.7	75-125	1.96	20	
>C12-C28	883	15.8	"	1050	ND	84.1	75-125	10.1	20	
Total Hydrocarbons	ND	15.8	"	0.00	ND		75-125		20	
Surrogate: 1-Chlorooctane	132		"	105		126	70-130			
Surrogate: o-Terphenyl	53.9		"	52.6		102	70-130			

Batch EH22804 - General Preparation (GC)

Blank (EH22804-BLK1)

Prepared: 08/26/12 Analyzed: 08/27/12

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	62.3		ug/kg	60.0		104	75-125			
Surrogate: 1,4-Difluorobenzene	60.3		"	60.0		100	75-125			

LCS (EH22804-BS1)

Prepared: 08/26/12 Analyzed: 08/27/12

Benzene	0.114	0.00100	mg/kg wet	0.100		114	80-120			
Toluene	0.119	0.00200	"	0.100		119	80-120			
Ethylbenzene	0.0991	0.00100	"	0.100		99.1	80-120			
Xylene (p/m)	0.194	0.00200	"	0.200		97.0	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 1,4-Difluorobenzene	59.6		ug/kg	60.0		99.3	75-125			
Surrogate: 4-Bromofluorobenzene	60.9		"	60.0		102	75-125			

LCS Dup (EH22804-BSD1)

Prepared: 08/26/12 Analyzed: 08/27/12

Benzene	0.117	0.00100	mg/kg wet	0.100		117	80-120	2.60	20	
Toluene	0.119	0.00200	"	0.100		119	80-120	0.00	20	
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120	2.88	20	
Xylene (p/m)	0.199	0.00200	"	0.200		99.5	80-120	2.54	20	
Xylene (o)	0.105	0.00100	"	0.100		105	80-120	1.92	20	
Surrogate: 1,4-Difluorobenzene	59.2		ug/kg	60.0		98.7	75-125			
Surrogate: 4-Bromofluorobenzene	59.8		"	60.0		99.7	75-125			

Basin Environmental Services
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Project: Eumont Tank Battery (RP 1799)
Project Number: SUG Historical Release
Project Manager: Joel Lowry

Fax: (505) 396-1429

Organics by GC - Quality Control
Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EH22804 - General Preparation (GC)

Matrix Spike (EH22804-MS1)		Source: 2H24007-04			Prepared: 08/26/12		Analyzed: 08/27/12		
Benzene	0.0367	0.00100	mg/kg dry	0.109	ND	33.7	80-120		QM-05
Toluene	0.0282	0.00200	"	0.109	ND	25.9	80-120		QM-05
Ethylbenzene	0.0223	0.00100	"	0.109	ND	20.5	80-120		QM-05
Xylene (p/m)	0.0384	0.00200	"	0.217	ND	17.7	80-120		QM-05
Xylene (o)	0.0200	0.00100	"	0.109	ND	18.3	80-120		QM-05
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>57.5</i>		<i>ug/kg</i>	<i>60.0</i>		<i>95.8</i>	<i>75-125</i>		
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>74.9</i>		<i>"</i>	<i>60.0</i>		<i>125</i>	<i>75-125</i>		

Matrix Spike Dup (EH22804-MSD1)		Source: 2H24007-04			Prepared: 08/26/12		Analyzed: 08/27/12			
Benzene	0.0367	0.00100	mg/kg dry	0.109	ND	33.7	80-120	0.00	20	QM-05
Toluene	0.0305	0.00200	"	0.109	ND	28.0	80-120	7.79	20	QM-05
Ethylbenzene	0.0214	0.00100	"	0.109	ND	19.6	80-120	4.49	20	QM-05
Xylene (p/m)	0.0359	0.00200	"	0.217	ND	16.5	80-120	7.02	20	QM-05
Xylene (o)	0.0174	0.00100	"	0.109	ND	16.0	80-120	13.4	20	QM-05
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>59.5</i>		<i>ug/kg</i>	<i>60.0</i>		<i>99.2</i>	<i>75-125</i>			
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>67.6</i>		<i>"</i>	<i>60.0</i>		<i>113</i>	<i>75-125</i>			

Batch EH22805 - TX 1005

Blank (EH22805-BLK1)		Prepared & Analyzed: 08/27/12								
C6-C12	ND	15.0	mg/kg wet							
>C12-C28	ND	15.0	"							
>C28-C35	ND	15.0	"							
Total Hydrocarbons	ND	15.0	"							
<i>Surrogate: 1-Chlorooctane</i>	<i>123</i>		<i>"</i>	<i>100</i>		<i>123</i>	<i>70-130</i>			
<i>Surrogate: o-Terphenyl</i>	<i>57.9</i>		<i>"</i>	<i>50.0</i>		<i>116</i>	<i>70-130</i>			

Organics by GC - Quality Control
Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EH22805 - TX 1005

LCS (EH22805-BS1)

Prepared & Analyzed: 08/27/12

C6-C12	931	15.0	mg/kg wet	1000		93.1	75-125			
>C12-C28	981	15.0	"	1000		98.1	75-125			
Total Hydrocarbons	ND	15.0	"	0.00			75-125			
Surrogate: 1-Chlorooctane	121		"	100		121	70-130			
Surrogate: o-Terphenyl	63.4		"	50.0		127	70-130			

LCS Dup (EH22805-BSD1)

Prepared & Analyzed: 08/27/12

C6-C12	939	15.0	mg/kg wet	1000		93.9	75-125	0.856	20	
>C12-C28	961	15.0	"	1000		96.1	75-125	2.06	20	
Total Hydrocarbons	ND	15.0	"	0.00			75-125		20	
Surrogate: 1-Chlorooctane	117		"	100		117	70-130			
Surrogate: o-Terphenyl	61.7		"	50.0		123	70-130			

Matrix Spike (EH22805-MS1)

Source: 2H24004-01

Prepared & Analyzed: 08/27/12

C6-C12	1220	17.9	mg/kg dry	595	460	128	75-125			QM-05
>C12-C28	5590	17.9	"	595	5340	42.0	75-125			QM-05
>C28-C35	770	17.9	"	0.00	940		75-125			
Total Hydrocarbons	ND	17.9	"	0.00	6750		75-125			
Surrogate: 1-Chlorooctane	139		"	119		117	70-130			
Surrogate: o-Terphenyl	68.5		"	59.5		115	70-130			

Matrix Spike Dup (EH22805-MSD1)

Source: 2H24004-01

Prepared & Analyzed: 08/27/12

C6-C12	1160	17.9	mg/kg dry	595	460	118	75-125	8.13	20	
>C12-C28	5490	17.9	"	595	5340	25.2	75-125	50.0	20	QM-05
>C28-C35	821	17.9	"	0.00	940		75-125		20	QM-05
Total Hydrocarbons	ND	17.9	"	0.00	6750		75-125		20	
Surrogate: 1-Chlorooctane	138		"	119		116	70-130			
Surrogate: o-Terphenyl	61.5		"	59.5		103	70-130			

Organics by GC - Quality Control
Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EH22901 - General Preparation (GC)

Blank (EH22901-BLK1)

Prepared & Analyzed: 08/28/12

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	60.5		ug/kg	60.0		101	75-125			
Surrogate: 1,4-Difluorobenzene	61.0		"	60.0		102	75-125			

LCS (EH22901-BS1)

Prepared & Analyzed: 08/28/12

Benzene	0.116	0.00100	mg/kg wet	0.100		116	80-120			
Toluene	0.119	0.00200	"	0.100		119	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.209	0.00200	"	0.200		104	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	57.2		ug/kg	60.0		95.3	75-125			
Surrogate: 1,4-Difluorobenzene	57.2		"	60.0		95.3	75-125			

LCS Dup (EH22901-BSD1)

Prepared & Analyzed: 08/28/12

Benzene	0.111	0.00100	mg/kg wet	0.100		111	80-120	4.41	20	
Toluene	0.117	0.00200	"	0.100		117	80-120	1.69	20	
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120	2.87	20	
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120	1.94	20	
Xylene (o)	0.104	0.00100	"	0.100		104	80-120	0.957	20	
Surrogate: 4-Bromofluorobenzene	57.1		ug/kg	60.0		95.2	75-125			
Surrogate: 1,4-Difluorobenzene	56.2		"	60.0		93.7	75-125			

Basin Environmental Services
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Project: Eumont Tank Battery (RP 1799)
Project Number: SUG Historical Release
Project Manager: Joel Lowry

Fax: (505) 396-1429

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EH22705 - * DEFAULT PREP *****

Blank (EH22705-BLK1)

Prepared: 08/26/12 Analyzed: 08/27/12

Chloride ND 1.00 mg/kg dry wt. wet

LCS (EH22705-BS1)

Prepared: 08/26/12 Analyzed: 08/27/12

Chloride 9.63 mg/kg Wet 10.0 96.3 80-120

LCS Dup (EH22705-BSD1)

Prepared: 08/26/12 Analyzed: 08/27/12

Chloride 9.95 mg/kg Wet 10.0 99.5 80-120 3.27 20

Duplicate (EH22705-DUP1)

Source: 2H24006-01

Prepared: 08/26/12 Analyzed: 08/27/12

Chloride 31.6 1.00 mg/kg dry wt. dry 31.6 0.00 20

Matrix Spike (EH22705-MS1)

Source: 2H24006-01

Prepared: 08/26/12 Analyzed: 08/27/12

Chloride 140 1.00 mg/kg dry wt. dry 100 31.6 108 80-120

Matrix Spike (EH22705-MS2)

Source: 2H24007-04

Prepared: 08/26/12 Analyzed: 08/27/12

Chloride 108 1.09 mg/kg dry wt. dry 109 8.90 90.9 80-120

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:



Date:

8/29/2012

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-661-4184.

Basin Environmental Services
 P.O. Box 301
 Lovington NM, 88260

Project: Eumont Tank Battery (RP 1799)
 Project Number: SUG Historical Release
 Project Manager: Joel Lowry

Fax: (505) 396-1429

Permian Basin Environmental Lab

Company Name: Basin Environmental Service Technologies		Phone #: 575-396-2378
Address: P.O. 301 Lovington, NM, 88260		Fax #: 575-396-1429
Contact Person: Rose Slade (SUG) Joel Lowry (Basin)		Email: pm@basinenv.com rose.slade@basin.com
Project #: SUG Historical Releases		Project Name: Eumont Tank Battery (RP 1799)
Project Location: Lea County, New Mexico		Sample Signature: <i>Joel Lowry</i>
LAB # 2121007	FIELD CODE	# CONTAINERS
LAB USE ONLY		VOLUME/AMOUNT
		WATER
		SOIL
		AIR
		SLUDGE
		HCL
		HNO ₃
		H ₂ SO ₄
		NaOH
		ICE
		NONE
		DATE
		TIME
		MTBE 8021B / 602 / 8260B / 624
		BTEX 8021B 602 / 8260B / 624
		TPH 418.1 / TX1005 / DRO / TVHC <u>8015 NA EXT. CRO</u>
		PAH 8270C / 625
		Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B / 200.7
		TCLP Metals Ag As Ba Cd Cr Pb Se Hg
		TCLP Volatiles
		TCLP Semi Volatiles
		TCLP Pesticides
		RCI
		GC/MS Vol. 8260B / 624
		GC/MS Semi. Vol. 8270C/625
		PCB's 8082 / 808
		Pesticides 8081A / 608
		BOD, TSS, pH
		Moisture Content
		Cl, F, SO ₄ , NO ₃ -N, NO ₂ -N, PO ₄ -P, Alkalinity <u>3.00</u>
		Na, Ca, Mg, K, TDS, EC
		Turn Around Time if different from standard
		Hold

LAB USE ONLY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME	INST	OBS	LAB USE ONLY	REMARKS
	Basin Environmental Services	8/24/12	10:00	<i>Joel Lowry</i>	Basin Environmental Services	8/24/12	10:00				
	Basin Environmental Services	8/24/12	11:50	<i>Joel Lowry</i>	Basin Environmental Services	8/24/12	11:50				
	Basin Environmental Services	8/24/12	11:55	<i>Joel Lowry</i>	Basin Environmental Services	8/24/12	11:55				
	Basin Environmental Services	8/24/12	1:00	<i>Joel Lowry</i>	Basin Environmental Services	8/24/12	1:00				
	Basin Environmental Services	8/24/12	12:00	<i>Joel Lowry</i>	Basin Environmental Services	8/24/12	12:00				
	Basin Environmental Services	8/24/12	10:10	<i>Joel Lowry</i>	Basin Environmental Services	8/24/12	10:10				

Requested by: <i>Joel Lowry</i>	Company: Basin Environmental Services	Date: 8/24/12	Time: 10:00	Received by: <i>Joel Lowry</i>	Company: Basin Environmental Services	Date: 8/24/12	Time: 10:00	INST: _____	OBS: _____
Requested by: <i>Joel Lowry</i>	Company: Basin Environmental Services	Date: 8/24/12	Time: 11:50	Received by: <i>Joel Lowry</i>	Company: Basin Environmental Services	Date: 8/24/12	Time: 11:50	INST: _____	OBS: _____
Requested by: <i>Joel Lowry</i>	Company: Basin Environmental Services	Date: 8/24/12	Time: 11:55	Received by: <i>Joel Lowry</i>	Company: Basin Environmental Services	Date: 8/24/12	Time: 11:55	INST: _____	OBS: _____
Requested by: <i>Joel Lowry</i>	Company: Basin Environmental Services	Date: 8/24/12	Time: 1:00	Received by: <i>Joel Lowry</i>	Company: Basin Environmental Services	Date: 8/24/12	Time: 1:00	INST: _____	OBS: _____
Requested by: <i>Joel Lowry</i>	Company: Basin Environmental Services	Date: 8/24/12	Time: 12:00	Received by: <i>Joel Lowry</i>	Company: Basin Environmental Services	Date: 8/24/12	Time: 12:00	INST: _____	OBS: _____
Requested by: <i>Joel Lowry</i>	Company: Basin Environmental Services	Date: 8/24/12	Time: 10:10	Received by: <i>Joel Lowry</i>	Company: Basin Environmental Services	Date: 8/24/12	Time: 10:10	INST: _____	OBS: _____

LAB USE ONLY

REMARKS: 2.6°C

Dry Weight Basis Required
 Trip Report Required
 Check if Special Reporting Labels Are Needed

ORIGINAL COPY

Analytical Report 458450
for
Southern Union Gas Services- Monahans

Project Manager: Joel Lowry

Eumont Tank Battery

(1RP-1799)

11-MAR-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)



11-MAR-13

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

Reference: XENCO Report No(s): **458450**
Eumont Tank Battery
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) 458450. 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. 458450 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 458450



Southern Union Gas Services- Monahans, Monahans, TX

Eumont Tank Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-1 @ 5'	S	02-25-13 09:30	5 ft	458450-001
SB-1 @ 10'	S	02-25-13 09:40	10 ft	458450-002
SB-1 @ 15'	S	02-25-13 09:50	15 ft	458450-003
SB-1 @ 20'	S	02-25-13 10:00	20 ft	458450-004
SB-1 @ 25'	S	02-25-13 10:10	25 ft	458450-005
SB-1 @ 30'	S	02-25-13 10:20	30 ft	458450-006
SB-1 @ 35'	S	02-25-13 10:30	35 ft	458450-007
SB-1 @ 40'	S	02-25-13 10:40	40 ft	458450-008



CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans
Project Name: Eumont Tank Battery



Project ID: (IRP-1799)
Work Order Number(s): 458450

Report Date: 11-MAR-13
Date Received: 02/27/2013

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-908636 BTEX by EPA 8021B
SW8021BM

Batch 908636, Ethylbenzene, m_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike Duplicate.

Samples affected are: 458450-006, -008, -004.

The Laboratory Control Sample for Ethylbenzene, m_p-Xylenes , o-Xylene is within laboratory Control Limits



Certificate of Analysis Summary 458450

Southern Union Gas Services- Monahans, Monahans, TX



Project Id: (IRP-1799)

Contact: Joel Lowry

Project Location: Lea County, NM

Project Name: Eumont Tank Battery

Date Received in Lab: Wed Feb-27-13 10:20 am

Report Date: 11-MAR-13

Project Manager: Nicholas Straccione

Analysis Requested	Lab Id:	Field Id:	Depth:	Matrix:	Sampled:	458450-001	458450-002	458450-003	458450-004	458450-005	458450-006
BTEX by EPA 8021B		SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	SB-1 @ 30' 30- ft SOIL Feb-25-13 10:20
Benzene	Extracted:	SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
Toluene	Analyzed:	SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00213
Ethylbenzene	Units/RL:	SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
m_p-Xylenes		SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00213
o-Xylene		SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
Total Xylenes		SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
Total BTEX		SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
Inorganic Anions by EPA 300/300.1 SUB: TX104704215	Extracted:	SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
Chloride	Analyzed:	SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
Units/RL:		SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
Percent Moisture	Extracted:	SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
	Analyzed:	SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
Units/RL:		SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
TPH By SW8015 Mod	Extracted:	SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
	Analyzed:	SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
Units/RL:		SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
C6-C12 Gasoline Range Hydrocarbons		SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
C12-C28 Diesel Range Hydrocarbons		SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
C28-C35 Oil Range Hydrocarbons		SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106
Total TPH		SB-1 @ 5'	10- ft	SOIL	Feb-25-13 09:30	Feb-25-13 09:40	Feb-25-13 09:50	Feb-25-13 10:00	Feb-25-13 10:10	Feb-25-13 10:20	mg/kg RL ND 0.00106

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



Certificate of Analysis Summary 458450

Southern Union Gas Services- Monahans, Monahans, TX



Project Id: (IRP-1799)

Contact: Joel Lowry

Project Location: Lea County, NM

Project Name: Eumont Tank Battery

Date Received in Lab: Wed Feb-27-13 10:20 am

Report Date: 11-MAR-13

Project Manager: Nicholas Straccione

<i>Analysis Requested</i>		<i>Lab Id:</i>	<i>Field Id:</i>	<i>Depth:</i>	<i>Matrix:</i>	<i>Sampled:</i>	<i>Extracted:</i>	<i>Analyzed:</i>	<i>Units/RL:</i>
BTEX by EPA 8021B		458450-007	SB-1 @ 35'	35- ft	SOIL	Feb-25-13 10:30			
		458450-008	SB-1 @ 40'	40- ft	SOIL	Feb-25-13 10:40			
						Mar-08-13 13:10			
						Mar-08-13 16:44			
						mg/kg	RL		
Benzene						ND	0.00104		
Toluene						ND	0.00208		
Ethylbenzene						ND	0.00104		
m_p-Xylenes						ND	0.00208		
o-Xylene						ND	0.00104		
Total Xylenes						ND	0.00104		
Total BTEX						ND	0.00104		
Inorganic Anions by EPA 300/300.1 SUB: TX104704215									
						Mar-06-13 04:20			
						mg/kg	RL		
Chloride						20.2	4.00		
						mg/kg	RL		
						16.4	4.00		
Percent Moisture									
						Mar-01-13 13:45			
						%	RL		
Percent Moisture						4.91	1.00		
						%	RL		
						3.93	1.00		
TPH By SW8015 Mod									
						Mar-01-13 16:00			
						mg/kg	RL		
C6-C12 Gasoline Range Hydrocarbons						ND	15.8		
C12-C28 Diesel Range Hydrocarbons						ND	15.8		
C28-C35 Oil Range Hydrocarbons						ND	15.8		
Total TPH						ND	15.8		

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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(432) 563-1800	(432) 563-1713
(770) 449-8800	(770) 449-5477
(602) 437-0330	



Form 2 - Surrogate Recoveries

Project Name: Eumont Tank Battery

Work Orders : 458450,

Project ID: (1RP-1799)

Lab Batch #: 908097

Sample: 458450-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/01/13 19:18

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	103	99.9	103	70-135	
o-Terphenyl	46.4	50.0	93	70-135	

Lab Batch #: 908097

Sample: 458450-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/01/13 19:44

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	109	100	109	70-135	
o-Terphenyl	53.7	50.0	107	70-135	

Lab Batch #: 908097

Sample: 458450-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/01/13 20:10

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	109	99.5	110	70-135	
o-Terphenyl	54.8	49.8	110	70-135	

Lab Batch #: 908097

Sample: 458450-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/01/13 20:36

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	104	100	104	70-135	
o-Terphenyl	50.9	50.1	102	70-135	

Lab Batch #: 908102

Sample: 458450-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/02/13 04:50

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	100	99.9	100	70-135	
o-Terphenyl	53.8	50.0	108	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: Eumont Tank Battery

Work Orders : 458450,

Project ID: (1RP-1799)

Lab Batch #: 908102

Sample: 458450-006 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/02/13 05:14

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.7	99.7	98	70-135	
o-Terphenyl	52.3	49.9	105	70-135	

Lab Batch #: 908102

Sample: 458450-007 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/02/13 05:38

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.5	99.9	100	70-135	
o-Terphenyl	51.7	50.0	103	70-135	

Lab Batch #: 908102

Sample: 458450-008 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/02/13 06:25

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.9	99.7	95	70-135	
o-Terphenyl	50.6	49.9	101	70-135	

Lab Batch #: 908636

Sample: 458450-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/08/13 16:12

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0312	0.0300	104	80-120	
4-Bromofluorobenzene	0.0292	0.0300	97	80-120	

Lab Batch #: 908636

Sample: 458450-006 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/08/13 16:28

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0280	0.0300	93	80-120	
4-Bromofluorobenzene	0.0294	0.0300	98	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: Eumont Tank Battery

Work Orders : 458450,

Project ID: (1RP-1799)

Lab Batch #: 908636

Sample: 458450-008 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/08/13 16:44

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0261	0.0300	87	80-120	
4-Bromofluorobenzene	0.0291	0.0300	97	80-120	

Lab Batch #: 908097

Sample: 634521-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/01/13 11:17

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.8	99.9	95	70-135	
o-Terphenyl	50.7	50.0	101	70-135	

Lab Batch #: 908102

Sample: 634524-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/02/13 01:36

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.9	99.8	99	70-135	
o-Terphenyl	52.7	49.9	106	70-135	

Lab Batch #: 908636

Sample: 634866-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/08/13 15:06

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0305	0.0300	102	80-120	
4-Bromofluorobenzene	0.0287	0.0300	96	80-120	

Lab Batch #: 908097

Sample: 634521-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/01/13 10:25

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	90.7	99.8	91	70-135	
o-Terphenyl	53.1	49.9	106	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: Eumont Tank Battery

Work Orders : 458450,

Project ID: (1RP-1799)

Lab Batch #: 908102

Sample: 634524-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/02/13 00:47

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.3	99.7	90	70-135	
o-Terphenyl	51.5	49.9	103	70-135	

Lab Batch #: 908636

Sample: 634866-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/08/13 14:33

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0318	0.0300	106	80-120	
4-Bromofluorobenzene	0.0301	0.0300	100	80-120	

Lab Batch #: 908097

Sample: 634521-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/01/13 10:51

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.7	99.7	93	70-135	
o-Terphenyl	53.2	49.9	107	70-135	

Lab Batch #: 908102

Sample: 634524-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/02/13 01:12

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.9	99.9	95	70-135	
o-Terphenyl	55.0	50.0	110	70-135	

Lab Batch #: 908636

Sample: 634866-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/08/13 14:49

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0276	0.0300	92	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.



Form 2 - Surrogate Recoveries

Project Name: Eumont Tank Battery

Work Orders : 458450,

Project ID: (1RP-1799)

Lab Batch #: 908097

Sample: 458375-005 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/01/13 21:01

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.4	100	93	70-135	
o-Terphenyl	52.4	50.1	105	70-135	

Lab Batch #: 908102

Sample: 458454-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/02/13 10:35

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.7	99.7	94	70-135	
o-Terphenyl	53.9	49.9	108	70-135	

Lab Batch #: 908636

Sample: 458452-004 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/08/13 20:01

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0335	0.0300	112	80-120	
4-Bromofluorobenzene	0.0329	0.0300	110	80-120	

Lab Batch #: 908097

Sample: 458375-005 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/01/13 21:27

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	101	99.9	101	70-135	
o-Terphenyl	55.8	50.0	112	70-135	

Lab Batch #: 908102

Sample: 458454-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/02/13 11:01

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.2	99.9	94	70-135	
o-Terphenyl	55.2	50.0	110	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: Eumont Tank Battery

Work Orders : 458450,

Project ID: (1RP-1799)

Lab Batch #: 908636

Sample: 458452-004 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/08/13 20:17

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0315	0.0300	105	80-120	
4-Bromofluorobenzene	0.0342	0.0300	114	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.

Project Name: Eumont Tank Battery

Work Order #: 458450 **Project ID:** (IRP-1799)
Analyst: KEB **Date Analyzed:** 03/08/2013
Lab Batch ID: 908636 **Batch #:** 1 **Matrix:** Solid
Sample: 634866-1-BKS

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
Analytes	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
BTEX by EPA 8021B											
Benzene	<0.00100	0.100	0.0812	81	0.0998	0.0812	81	0	70-130	35	
Toluene	<0.00201	0.100	0.0807	81	0.0998	0.0801	80	1	70-130	35	
Ethylbenzene	<0.00100	0.100	0.0779	78	0.0998	0.0786	79	1	71-129	35	
m_p-Xylenes	<0.00201	0.201	0.151	75	0.200	0.147	74	3	70-135	35	
o-Xylene	<0.00100	0.100	0.0778	78	0.0998	0.0777	78	0	71-133	35	

Analyst: AMB **Date Prepared:** 03/06/2013
Lab Batch ID: 908358 **Batch #:** 1 **Date Analyzed:** 03/06/2013
Sample: 908358-1-BKS **Matrix:** Solid

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
Analytes	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
Inorganic Anions by EPA 300/300.1											
Chloride	<2.00	50.0	51.7	103	50.0	51.4	103	1	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

Project Name: Eumont Tank Battery

Work Order #: 458450 **Project ID:** (IRP-1799)
Analyst: KEB **Date Analyzed:** 03/01/2013
Lab Batch ID: 908097 **Batch #:** 1 **Matrix:** Solid
Sample: 634521-1-BKS

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	998	968	97	997	1010	101	4	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	998	996	100	997	1040	104	4	70-135	35	

Analyst: KEB **Date Prepared:** 03/01/2013
Lab Batch ID: 908102 **Batch #:** 1 **Matrix:** Solid
Sample: 634524-1-BKS

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	997	1010	101	999	996	100	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	997	1040	104	999	1040	104	0	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



Project Name: Eumont Tank Battery

Work Order #: 458450

Lab Batch #: 908358

Date Analyzed: 03/06/2013

QC- Sample ID: 458450-001 S

Reporting Units: mg/kg

Date Prepared: 03/06/2013

Batch #: 1

Project ID: (IRP-1799)

Analyst: AMB

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	94.3	250	356	105	80-120	

Lab Batch #: 908358

Date Analyzed: 03/06/2013

QC- Sample ID: 458452-002 S

Reporting Units: mg/kg

Date Prepared: 03/06/2013

Batch #: 1

Analyst: AMB

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	35.7	250	282	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



Project Name: Eumont Tank Battery

Work Order #: 458450

Project ID: (IRP-1799)

Lab Batch ID: 908636

Batch #: 1 Matrix: Soil

Date Analyzed: 03/08/2013

Analyst: KEB

QC- Sample ID: 458452-004 S

Date Prepared: 03/08/2013

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										Flag	
	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		
BTEX by EPA 8021B												
Benzene	<0.00110	0.110	0.0885	80	0.110	0.0866	79	2	70-130	35		
Toluene	<0.00221	0.110	0.0838	76	0.110	0.0782	71	7	70-130	35		
Ethylbenzene	<0.00110	0.110	0.0864	79	0.110	0.0764	69	12	71-129	35	X	
m_p-Xylenes	<0.00221	0.221	0.155	70	0.220	0.140	64	10	70-135	35	X	
o-Xylene	<0.00110	0.110	0.0789	72	0.110	0.0738	67	7	71-133	35	X	

Lab Batch ID: 908097

Batch #: 1 Matrix: Soil

Date Analyzed: 03/01/2013

Analyst: KEB

QC- Sample ID: 458375-005 S

Date Prepared: 03/01/2013

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										Flag	
	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		
TPH By SW8015 Mod												
C6-C12 Gasoline Range Hydrocarbons	<16.4	1100	1090	99	1090	1130	104	4	70-135	35		
C12-C28 Diesel Range Hydrocarbons	<16.4	1100	1140	104	1090	1180	108	3	70-135	35		

Lab Batch ID: 908102

Batch #: 1 Matrix: Soil

Date Analyzed: 03/02/2013

Analyst: KEB

QC- Sample ID: 458454-001 S

Date Prepared: 03/01/2013

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										Flag	
	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		
TPH By SW8015 Mod												
C6-C12 Gasoline Range Hydrocarbons	<15.9	1060	1060	100	1060	1070	101	1	70-135	35		
C12-C28 Diesel Range Hydrocarbons	45.5	1060	1140	103	1060	1150	104	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

Project Name: Eumont Tank Battery

Work Order #: 458450

Lab Batch #: 908071

Project ID: (IRP-1799)

Date Analyzed: 03/01/2013 13:45

Date Prepared: 03/01/2013

Analyst: WRU

QC- Sample ID: 458450-001 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	16.1	16.0	1	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: 02/27/2013 10:20:00 AM

Temperature Measuring device used :

Work Order #: 458450

Sample Receipt Checklist

Comments

Table with 2 columns: Checklist items (#1-#22) and Comments (e.g., 1.5, Yes, No).

* 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 458452
for
Southern Union Gas Services- Monahans

Project Manager: Joel Lowry

Eumont Tank Battery

(1RP-1799)

11-MAR-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)



11-MAR-13

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

Reference: XENCO Report No(s): **458452**
Eumont Tank Battery
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) 458452. 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. 458452 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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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 458452



Southern Union Gas Services- Monahans, Monahans, TX

Eumont Tank Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-2 @ 5'	S	02-25-13 11:00	5 ft	458452-001
SB-2 @ 10'	S	02-25-13 11:10	10 ft	458452-002
SB-2 @ 15'	S	02-25-13 11:20	15 ft	458452-003
SB-2 @ 20'	S	02-25-13 11:30	20 ft	458452-004
SB-2 @ 25'	S	02-25-13 11:40	25 ft	458452-005
SB-2 @ 30'	S	02-25-13 11:50	30 ft	458452-006
SB-2 @ 35'	S	02-25-13 12:00	35 ft	458452-007
SB-2 @ 40'	S	02-25-13 12:10	40 ft	458452-008



CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans
Project Name: Eumont Tank Battery



Project ID: (IRP-1799)
Work Order Number(s): 458452

Report Date: 11-MAR-13
Date Received: 02/27/2013

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-908636 BTEX by EPA 8021B
SW8021BM

Batch 908636, Ethylbenzene, m_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike Duplicate.

Samples affected are: 458452-006, -008, -004.

The Laboratory Control Sample for Ethylbenzene, m_p-Xylenes , o-Xylene is within laboratory Control Limits



Certificate of Analysis Summary 458452

Southern Union Gas Services- Monahans, Monahans, TX



Project Id: (1RP-1799)

Contact: Joel Lowry

Project Location: Lea County, NM

Project Name: Eumont Tank Battery

Date Received in Lab: Wed Feb-27-13 01:16 pm

Report Date: 11-MAR-13

Project Manager: Nicholas Straccione

Analysis Requested	Lab Id:	Field Id:	Depth:	Matrix:	Sampled:	458452-001	458452-002	458452-003	458452-004	458452-005	458452-006
		SB-2 @ 5'	10- ft	SOIL	Feb-25-13 11:00	Feb-25-13 11:10	Feb-25-13 11:20	Feb-25-13 11:30	Feb-25-13 11:40	Feb-25-13 11:50	Feb-25-13 11:50
BTEX by EPA 8021B	<i>Extracted:</i>										
	<i>Analyzed:</i>	Mar-06-13 05:03									
	<i>Units/RL:</i>	mg/kg RL									mg/kg RL
Benzene		16.2	10.0								ND 0.00106
Toluene											ND 0.00212
Ethylbenzene											ND 0.00106
m_p-Xylenes											ND 0.00212
o-Xylene											ND 0.00106
Total Xylenes											ND 0.00106
Total BTEX											ND 0.00106
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>										
	<i>Analyzed:</i>	Mar-06-13 05:03									
	<i>Units/RL:</i>	mg/kg RL									mg/kg RL
Chloride		16.2	10.0								Mar-06-13 07:13
											517 10.0
Percent Moisture	<i>Extracted:</i>										
	<i>Analyzed:</i>	Mar-01-13 13:45									
	<i>Units/RL:</i>	% RL									% RL
Percent Moisture		9.71	1.00								Mar-01-13 13:45
											5.89 1.00
TPH By SW8015 Mod	<i>Extracted:</i>										
	<i>Analyzed:</i>	Mar-04-13 09:30									
	<i>Units/RL:</i>	mg/kg RL									mg/kg RL
C6-C12 Gasoline Range Hydrocarbons		157	83.0								Mar-01-13 16:00
C12-C28 Diesel Range Hydrocarbons		4630	83.0								Mar-02-13 08:50
C28-C35 Oil Range Hydrocarbons		456	83.0								mg/kg RL
Total TPH		5240	83.0								ND 15.9
											24.6 15.9
											ND 15.9
											24.6 15.9

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.

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

Nicholas Straccione
Project Manager



Certificate of Analysis Summary 458452

Southern Union Gas Services- Monahans, Monahans, TX



Project Id: (IRP-1799)

Contact: Joel Lowry

Project Location: Lea County, NM

Date Received in Lab: Wed Feb-27-13 01:16 pm

Report Date: 11-MAR-13

Project Manager: Nicholas Straccione

<i>Analysis Requested</i>		<i>Lab Id:</i>	<i>458452-007</i>	<i>458452-008</i>
<i>Field Id:</i>	<i>SB-2 @ 35'</i>	<i>SB-2 @ 40'</i>		
<i>Depth:</i>	35- ft	40- ft		
<i>Matrix:</i>	SOIL	SOIL		
<i>Sampled:</i>	Feb-25-13 12:00	Feb-25-13 12:10		
<i>Extracted:</i>		Mar-08-13 13:10		
<i>Analyzed:</i>		Mar-08-13 18:55		
<i>Units/RL:</i>		mg/kg RL		
Benzene		ND 0.00103		
Toluene		ND 0.00206		
Ethylbenzene		ND 0.00103		
m_p-Xylenes		ND 0.00206		
o-Xylene		ND 0.00103		
Total Xylenes		ND 0.00103		
Total BTEX		ND 0.00103		
Inorganic Anions by EPA 300/300.1				
SUB: TX104704215				
Chloride		Mar-06-13 07:35	Mar-06-13 08:40	
		mg/kg RL	mg/kg RL	
		211 10.0	109 4.00	
Percent Moisture				
		Mar-01-13 13:45	Mar-01-13 13:45	
		% RL	% RL	
		3.63 1.00	2.92 1.00	
TPH By SW8015 Mod				
		Mar-01-13 16:00	Mar-01-13 16:00	
		Mar-02-13 09:16	Mar-02-13 09:42	
		mg/kg RL	mg/kg RL	
C6-C12 Gasoline Range Hydrocarbons		ND 15.5	ND 15.4	
C12-C28 Diesel Range Hydrocarbons		ND 15.5	ND 15.4	
C28-C35 Oil Range Hydrocarbons		ND 15.5	ND 15.4	
Total TPH		ND 15.5	ND 15.4	

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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Form 2 - Surrogate Recoveries

Project Name: Eumont Tank Battery

Work Orders : 458452,

Project ID: (1RP-1799)

Lab Batch #: 908102

Sample: 458452-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/02/13 07:12

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
l-Chlorooctane	100	99.5	101	70-135	
o-Terphenyl	54.5	49.8	109	70-135	

Lab Batch #: 908102

Sample: 458452-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/02/13 07:36

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
l-Chlorooctane	97.1	99.8	97	70-135	
o-Terphenyl	51.5	49.9	103	70-135	

Lab Batch #: 908102

Sample: 458452-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/02/13 08:00

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
l-Chlorooctane	94.9	99.7	95	70-135	
o-Terphenyl	51.2	49.9	103	70-135	

Lab Batch #: 908102

Sample: 458452-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/02/13 08:25

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
l-Chlorooctane	96.4	99.8	97	70-135	
o-Terphenyl	52.3	49.9	105	70-135	

Lab Batch #: 908102

Sample: 458452-006 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/02/13 08:50

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
l-Chlorooctane	96.6	100	97	70-135	
o-Terphenyl	52.0	50.0	104	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: Eumont Tank Battery

Work Orders : 458452,

Project ID: (1RP-1799)

Lab Batch #: 908102

Sample: 458452-007 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/02/13 09:16

SURROGATE RECOVERY STUDY					
TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	95.5	99.5	96	70-135	
o-Terphenyl	50.6	49.8	102	70-135	

Lab Batch #: 908102

Sample: 458452-008 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/02/13 09:42

SURROGATE RECOVERY STUDY					
TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	96.9	99.9	97	70-135	
o-Terphenyl	50.1	50.0	100	70-135	

Lab Batch #: 908208

Sample: 458452-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/04/13 16:46

SURROGATE RECOVERY STUDY					
TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.7	99.9	99	70-135	
o-Terphenyl	52.5	50.0	105	70-135	

Lab Batch #: 908636

Sample: 458452-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/08/13 18:22

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0272	0.0300	91	80-120	
4-Bromofluorobenzene	0.0251	0.0300	84	80-120	

Lab Batch #: 908636

Sample: 458452-006 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/08/13 18:39

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0254	0.0300	85	80-120	
4-Bromofluorobenzene	0.0270	0.0300	90	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: Eumont Tank Battery

Work Orders : 458452,

Project ID: (IRP-1799)

Lab Batch #: 908636

Sample: 458452-008 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/08/13 18:55

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0286	0.0300	95	80-120	
4-Bromofluorobenzene	0.0288	0.0300	96	80-120	

Lab Batch #: 908102

Sample: 634524-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/02/13 01:36

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.9	99.8	99	70-135	
o-Terphenyl	52.7	49.9	106	70-135	

Lab Batch #: 908208

Sample: 634569-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/04/13 12:41

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.4	99.8	98	70-135	
o-Terphenyl	51.8	49.9	104	70-135	

Lab Batch #: 908636

Sample: 634866-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/08/13 15:06

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0305	0.0300	102	80-120	
4-Bromofluorobenzene	0.0287	0.0300	96	80-120	

Lab Batch #: 908102

Sample: 634524-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/02/13 00:47

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.3	99.7	90	70-135	
o-Terphenyl	51.5	49.9	103	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: Eumont Tank Battery

Work Orders : 458452,

Project ID: (IRP-1799)

Lab Batch #: 908208

Sample: 634569-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/04/13 11:45

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.6	99.7	99	70-135	
o-Terphenyl	54.1	49.9	108	70-135	

Lab Batch #: 908636

Sample: 634866-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/08/13 14:33

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0318	0.0300	106	80-120	
4-Bromofluorobenzene	0.0301	0.0300	100	80-120	

Lab Batch #: 908102

Sample: 634524-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/02/13 01:12

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.9	99.9	95	70-135	
o-Terphenyl	55.0	50.0	110	70-135	

Lab Batch #: 908208

Sample: 634569-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/04/13 12:14

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.0	100	93	70-135	
o-Terphenyl	55.0	50.1	110	70-135	

Lab Batch #: 908636

Sample: 634866-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/08/13 14:49

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0276	0.0300	92	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.



Form 2 - Surrogate Recoveries

Project Name: Eumont Tank Battery

Work Orders : 458452,

Project ID: (1RP-1799)

Lab Batch #: 908102

Sample: 458454-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/02/13 10:35

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.7	99.7	94	70-135	
o-Terphenyl	53.9	49.9	108	70-135	

Lab Batch #: 908208

Sample: 458454-002 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/04/13 13:36

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	90.8	99.6	91	70-135	
o-Terphenyl	52.9	49.8	106	70-135	

Lab Batch #: 908636

Sample: 458452-004 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/08/13 20:01

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0335	0.0300	112	80-120	
4-Bromofluorobenzene	0.0329	0.0300	110	80-120	

Lab Batch #: 908102

Sample: 458454-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/02/13 11:01

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.2	99.9	94	70-135	
o-Terphenyl	55.2	50.0	110	70-135	

Lab Batch #: 908208

Sample: 458454-002 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/04/13 14:03

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.6	101	99	70-135	
o-Terphenyl	56.7	50.5	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.



Form 2 - Surrogate Recoveries

Project Name: Eumont Tank Battery

Work Orders : 458452,

Project ID: (1RP-1799)

Lab Batch #: 908636

Sample: 458452-004 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/08/13 20:17

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0315	0.0300	105	80-120	
4-Bromofluorobenzene	0.0342	0.0300	114	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.

Project Name: Eumont Tank Battery

Work Order #: 458452

Analyst: KEB

Lab Batch ID: 908636

Sample: 634866-1-BKS

Batch #: 1

Date Prepared: 03/08/2013

Project ID: (IRP-1799)

Date Analyzed: 03/08/2013

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
Analytes	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
BTEX by EPA 8021B											
Benzene	<0.00100	0.100	0.0812	81	0.0998	0.0812	81	0	70-130	35	
Toluene	<0.00201	0.100	0.0807	81	0.0998	0.0801	80	1	70-130	35	
Ethylbenzene	<0.00100	0.100	0.0779	78	0.0998	0.0786	79	1	71-129	35	
m_p-Xylenes	<0.00201	0.201	0.151	75	0.200	0.147	74	3	70-135	35	
o-Xylene	<0.00100	0.100	0.0778	78	0.0998	0.0777	78	0	71-133	35	

Analyst: AMB

Lab Batch ID: 908358

Sample: 908358-1-BKS

Batch #: 1

Date Prepared: 03/06/2013

Date Analyzed: 03/06/2013

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
Analytes	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
Inorganic Anions by EPA 300/300.1											
Chloride	<2.00	50.0	51.7	103	50.0	51.4	103	1	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

Project Name: Eumont Tank Battery

Work Order #: 458452

Analyst: KEB

Lab Batch ID: 908102

Sample: 634524-1-BKS

Batch #: 1

Date Prepared: 03/01/2013

Project ID: (IRP-1799)

Date Analyzed: 03/02/2013

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	997	1010	101	999	996	100	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	997	1040	104	999	1040	104	0	70-135	35	

Analyst: KEB

Date Prepared: 03/04/2013

Date Analyzed: 03/04/2013

Lab Batch ID: 908208

Sample: 634569-1-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	997	977	98	1000	940	94	4	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	997	1040	104	1000	981	98	6	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



Project Name: Eumont Tank Battery

Work Order #: 458452

Lab Batch #: 908358

Date Analyzed: 03/06/2013

QC- Sample ID: 458450-001 S

Reporting Units: mg/kg

Date Prepared: 03/06/2013

Batch #: 1

Project ID: (IRP-1799)

Analyst: AMB

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	94.3	250	356	105	80-120	

Lab Batch #: 908358

Date Analyzed: 03/06/2013

QC- Sample ID: 458452-002 S

Reporting Units: mg/kg

Date Prepared: 03/06/2013

Batch #: 1

Analyst: AMB

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	35.7	250	282	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



Project Name: Eumont Tank Battery

Work Order #: 458452

Lab Batch ID: 908636

Date Analyzed: 03/08/2013

Project ID: (IRP-1799)

QC- Sample ID: 458452-004 S

Date Prepared: 03/08/2013

Batch #: 1

Analyst: KEB

Matrix: Soil

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	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
BTEX by EPA 8021B											
Benzene	<0.00110	0.110	0.0885	80	0.110	0.0866	79	2	70-130	35	
Toluene	<0.00221	0.110	0.0838	76	0.110	0.0782	71	7	70-130	35	
Ethylbenzene	<0.00110	0.110	0.0864	79	0.110	0.0764	69	12	71-129	35	X
m,p-Xylenes	<0.00221	0.221	0.155	70	0.220	0.140	64	10	70-135	35	X
o-Xylene	<0.00110	0.110	0.0789	72	0.110	0.0738	67	7	71-133	35	X

Lab Batch ID: 908102

Date Analyzed: 03/02/2013

QC- Sample ID: 458454-001 S

Date Prepared: 03/01/2013

Batch #: 1

Analyst: KEB

Matrix: Soil

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	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
TPH By SW8015 Mod											
C6-C12 Gasoline Range Hydrocarbons	<15.9	1060	1060	100	1060	1070	101	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	45.5	1060	1140	103	1060	1150	104	1	70-135	35	

Lab Batch ID: 908208

Date Analyzed: 03/04/2013

QC- Sample ID: 458454-002 S

Date Prepared: 03/04/2013

Batch #: 1

Analyst: KEB

Matrix: Soil

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	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
TPH By SW8015 Mod											
C6-C12 Gasoline Range Hydrocarbons	<17.0	1130	1100	97	1150	1130	98	3	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<17.0	1130	1170	104	1150	1210	105	3	70-135	35	

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

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

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

Project Name: Eumont Tank Battery

Work Order #: 458452

Lab Batch #: 908071

Project ID: (1RP-1799)

Date Analyzed: 03/01/2013 13:45

Date Prepared: 03/01/2013

Analyst: WRU

QC- Sample ID: 458450-001 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	16.1	16.0	1	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



XENCO Laboratories



Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Acceptable Temperature Range: 0 - 6 degC

Date/ Time Received: 02/27/2013 01:16:00 PM

Air and Metal samples Acceptable Range: Ambient

Work Order #: 458452

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	1.5
#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 459358
for
Southern Union Gas Services- Monahans

Project Manager: Joel Lowry

Eumont Tank Battery

(1RP-1799)

18-MAR-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)



18-MAR-13

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

Reference: XENCO Report No(s): **459358**
Eumont Tank Battery
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) 459358. 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. 459358 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 459358



Southern Union Gas Services- Monahans, Monahans, TX

Eumont Tank Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Main Exc. NW#1	S	03-13-13 08:30		459358-001
Main Exc. NW#2	S	03-13-13 08:40		459358-002
Main Exc. SW#1	S	03-13-13 08:50		459358-003
Main Exc. SW#2	S	03-13-13 09:00		459358-004
Main Exc. SW#3	S	03-13-13 09:10		459358-005
Main Exc. WW#1	S	03-13-13 09:20		459358-006
Main Exc. WW#2	S	03-13-13 09:30		459358-007
Main Exc. EW#1	S	03-13-13 09:40		459358-008
Main Exc. EW#2	S	03-13-13 09:50		459358-009
Main Exc. EW#3	S	03-13-13 10:00		459358-010
NW Exc. WW	S	03-13-13 10:10		459358-011
NW Exc. EW	S	03-13-13 10:20		459358-012
NW Exc. Floor	S	03-13-13 10:30		459358-013



CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans
Project Name: Eumont Tank Battery



Project ID: (IRP-1799)
Work Order Number(s): 459358

Report Date: 18-MAR-13
Date Received: 03/15/2013

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None



Certificate of Analysis Summary 459358

Southern Union Gas Services- Monahans, Monahans, TX



Project Id: (IRP-1799)

Contact: Joel Lowry

Project Location: Lea County, NM

Project Name: Eumont Tank Battery

Date Received in Lab: Fri Mar-15-13 10:18 am

Report Date: 18-MAR-13

Project Manager: Nicholas Straccione

Lab Id:	459358-007	459358-008	459358-009	459358-010	459358-011	459358-012
Field Id:	Main Exc. WW#2	Main Exc. EW#1	Main Exc. EW#2	Main Exc. EW#3	NW Exc. WW	NW Exc. EW
Depth:						
Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampled:	Mar-13-13 09:30	Mar-13-13 09:40	Mar-13-13 09:50	Mar-13-13 10:00	Mar-13-13 10:10	Mar-13-13 10:20
Extracted:	Mar-15-13 15:30					
Analyzed:	Mar-15-13 17:43	Mar-15-13 18:00	Mar-15-13 18:16	Mar-15-13 18:32	Mar-15-13 18:49	Mar-15-13 19:05
Units/RL:	mg/kg RL					
Benzene	ND 0.00108	ND 0.00107	ND 0.00111	ND 0.00111	ND 0.00108	ND 0.00114
Toluene	ND 0.00215	ND 0.00214	ND 0.00222	ND 0.00222	ND 0.00216	ND 0.00228
Ethylbenzene	ND 0.00108	ND 0.00107	ND 0.00111	ND 0.00111	ND 0.00108	ND 0.00114
m_p-Xylenes	ND 0.00215	ND 0.00214	ND 0.00222	ND 0.00222	ND 0.00216	ND 0.00228
o-Xylene	ND 0.00108	ND 0.00107	ND 0.00111	ND 0.00111	ND 0.00108	ND 0.00114
Total Xylenes	ND 0.00108	ND 0.00107	ND 0.00111	ND 0.00111	ND 0.00108	ND 0.00114
Total BTEX	ND 0.00108	ND 0.00107	ND 0.00111	ND 0.00111	ND 0.00108	ND 0.00114
Inorganic Anions by EPA 300/300.1	Mar-17-13 10:00					
Extracted:	Mar-17-13 23:39	Mar-18-13 00:00	Mar-18-13 00:22	Mar-18-13 00:44	Mar-18-13 01:27	Mar-18-13 01:49
Analyzed:	mg/kg RL					
Units/RL:	ND 4.35	59.6 4.32	42.7 11.2	104 11.1	14.1 10.8	62.7 11.5
Chloride						
Percent Moisture						
Extracted:	Mar-15-13 12:05					
Analyzed:	% RL					
Units/RL:	8.10 1.00	7.41 1.00	10.5 1.00	9.98 1.00	7.71 1.00	13.0 1.00
TPH By SW8015 Mod	Mar-15-13 13:10					
Extracted:	Mar-15-13 20:13	Mar-15-13 20:47	Mar-15-13 21:19	Mar-15-13 21:59	Mar-15-13 23:12	Mar-15-13 23:46
Analyzed:	mg/kg RL					
Units/RL:	ND 16.3	ND 16.2	ND 16.7	ND 16.6	ND 16.2	ND 17.3
C6-C12 Gasoline Range Hydrocarbons	ND 16.3	28.1 16.2	25.4 16.7	ND 16.6	24.6 16.2	17.5 17.3
C12-C28 Diesel Range Hydrocarbons	ND 16.3	ND 16.2	ND 16.7	ND 16.6	ND 16.2	ND 17.3
C28-C35 Oil Range Hydrocarbons	ND 16.3	28.1 16.2	25.4 16.7	ND 16.6	24.6 16.2	17.5 17.3
Total TPH	ND 16.3	28.1 16.2	25.4 16.7	ND 16.6	24.6 16.2	17.5 17.3

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



Form 2 - Surrogate Recoveries

Project Name: Eumont Tank Battery

Work Orders : 459358, 459358

Project ID: (1RP-1799)

Lab Batch #: 909159

Sample: 459358-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 14:11

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0279	0.0300	93	80-120	
4-Bromofluorobenzene	0.0277	0.0300	92	80-120	

Lab Batch #: 909159

Sample: 459358-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 14:27

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0347	0.0300	116	80-120	
4-Bromofluorobenzene	0.0286	0.0300	95	80-120	

Lab Batch #: 909159

Sample: 459358-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 14:44

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0269	0.0300	90	80-120	
4-Bromofluorobenzene	0.0279	0.0300	93	80-120	

Lab Batch #: 909159

Sample: 459358-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 15:00

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0275	0.0300	92	80-120	
4-Bromofluorobenzene	0.0316	0.0300	105	80-120	

Lab Batch #: 909159

Sample: 459358-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 15:16

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0295	0.0300	98	80-120	
4-Bromofluorobenzene	0.0302	0.0300	101	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: Eumont Tank Battery

Work Orders : 459358, 459358

Project ID: (1RP-1799)

Lab Batch #: 909178

Sample: 459358-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 17:10

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.6	100	94	70-135	
o-Terphenyl	47.0	50.0	94	70-135	

Lab Batch #: 909173

Sample: 459358-006 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 17:27

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0294	0.0300	98	80-120	
4-Bromofluorobenzene	0.0269	0.0300	90	80-120	

Lab Batch #: 909178

Sample: 459358-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 17:38

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	100	99.8	100	70-135	
o-Terphenyl	51.4	49.9	103	70-135	

Lab Batch #: 909173

Sample: 459358-007 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 17:43

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0277	0.0300	92	80-120	
4-Bromofluorobenzene	0.0254	0.0300	85	80-120	

Lab Batch #: 909173

Sample: 459358-008 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 18:00

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0279	0.0300	93	80-120	
4-Bromofluorobenzene	0.0265	0.0300	88	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: Eumont Tank Battery

Work Orders : 459358, 459358

Project ID: (1RP-1799)

Lab Batch #: 909178

Sample: 459358-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 18:08

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	95.9	99.8	96	70-135	
o-Terphenyl	48.6	49.9	97	70-135	

Lab Batch #: 909173

Sample: 459358-009 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 18:16

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0298	0.0300	99	80-120	
4-Bromofluorobenzene	0.0281	0.0300	94	80-120	

Lab Batch #: 909173

Sample: 459358-010 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 18:32

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0249	0.0300	83	80-120	
4-Bromofluorobenzene	0.0247	0.0300	82	80-120	

Lab Batch #: 909178

Sample: 459358-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 18:43

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.1	99.5	94	70-135	
o-Terphenyl	47.4	49.8	95	70-135	

Lab Batch #: 909173

Sample: 459358-011 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 18:49

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0272	0.0300	91	80-120	
4-Bromofluorobenzene	0.0258	0.0300	86	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: Eumont Tank Battery

Work Orders : 459358, 459358

Project ID: (1RP-1799)

Lab Batch #: 909173

Sample: 459358-012 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 19:05

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0345	0.0300	115	80-120	
4-Bromofluorobenzene	0.0323	0.0300	108	80-120	

Lab Batch #: 909178

Sample: 459358-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 19:14

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	95.2	99.8	95	70-135	
o-Terphenyl	49.0	49.9	98	70-135	

Lab Batch #: 909173

Sample: 459358-013 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 19:22

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0248	0.0300	83	80-120	
4-Bromofluorobenzene	0.0283	0.0300	94	80-120	

Lab Batch #: 909178

Sample: 459358-006 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 19:45

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	96.6	99.6	97	70-135	
o-Terphenyl	49.1	49.8	99	70-135	

Lab Batch #: 909178

Sample: 459358-007 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 20:13

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.8	99.6	98	70-135	
o-Terphenyl	49.3	49.8	99	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: Eumont Tank Battery

Work Orders : 459358, 459358

Project ID: (1RP-1799)

Lab Batch #: 909178

Sample: 459358-008 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 20:47

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
l-Chlorooctane	94.9	99.8	95	70-135	
o-Terphenyl	48.3	49.9	97	70-135	

Lab Batch #: 909178

Sample: 459358-009 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 21:19

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
l-Chlorooctane	93.3	99.6	94	70-135	
o-Terphenyl	47.6	49.8	96	70-135	

Lab Batch #: 909178

Sample: 459358-010 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 21:59

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
l-Chlorooctane	84.5	99.5	85	70-135	
o-Terphenyl	42.8	49.8	86	70-135	

Lab Batch #: 909178

Sample: 459358-011 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 23:12

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
l-Chlorooctane	88.6	99.5	89	70-135	
o-Terphenyl	44.7	49.8	90	70-135	

Lab Batch #: 909178

Sample: 459358-012 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 23:46

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
l-Chlorooctane	90.9	100	91	70-135	
o-Terphenyl	46.1	50.1	92	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: Eumont Tank Battery

Work Orders : 459358, 459358

Project ID: (1RP-1799)

Lab Batch #: 909178

Sample: 459358-013 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/16/13 00:26

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.0	99.7	89	70-135	
o-Terphenyl	45.2	49.9	91	70-135	

Lab Batch #: 909159

Sample: 635213-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/15/13 11:11

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0312	0.0300	104	80-120	
4-Bromofluorobenzene	0.0304	0.0300	101	80-120	

Lab Batch #: 909178

Sample: 635224-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/15/13 16:37

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	96.2	100	96	70-135	
o-Terphenyl	49.7	50.0	99	70-135	

Lab Batch #: 909173

Sample: 635217-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/15/13 17:11

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0328	0.0300	109	80-120	
4-Bromofluorobenzene	0.0270	0.0300	90	80-120	

Lab Batch #: 909159

Sample: 635213-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/15/13 10:38

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0347	0.0300	116	80-120	
4-Bromofluorobenzene	0.0269	0.0300	90	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: Eumont Tank Battery

Work Orders : 459358, 459358

Project ID: (1RP-1799)

Lab Batch #: 909178

Sample: 635224-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/15/13 15:36

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	102	99.9	102	70-135	
o-Terphenyl	55.0	50.0	110	70-135	

Lab Batch #: 909173

Sample: 635217-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/15/13 16:38

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0316	0.0300	105	80-120	
4-Bromofluorobenzene	0.0258	0.0300	86	80-120	

Lab Batch #: 909159

Sample: 635213-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/15/13 10:05

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0332	0.0300	111	80-120	
4-Bromofluorobenzene	0.0319	0.0300	106	80-120	

Lab Batch #: 909178

Sample: 635224-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/15/13 16:05

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	91.4	99.9	91	70-135	
o-Terphenyl	51.8	50.0	104	70-135	

Lab Batch #: 909173

Sample: 635217-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/15/13 16:54

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0314	0.0300	105	80-120	
4-Bromofluorobenzene	0.0328	0.0300	109	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: Eumont Tank Battery

Work Orders : 459358, 459358

Project ID: (1RP-1799)

Lab Batch #: 909159

Sample: 459027-018 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 15:33

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0296	0.0300	99	80-120	
4-Bromofluorobenzene	0.0329	0.0300	110	80-120	

Lab Batch #: 909173

Sample: 459358-013 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 19:38

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0312	0.0300	104	80-120	
4-Bromofluorobenzene	0.0324	0.0300	108	80-120	

Lab Batch #: 909178

Sample: 459027-020 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/16/13 05:09

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.0	99.9	93	70-135	
o-Terphenyl	54.3	50.0	109	70-135	

Lab Batch #: 909159

Sample: 459027-018 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 15:49

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0345	0.0300	115	80-120	
4-Bromofluorobenzene	0.0314	0.0300	105	80-120	

Lab Batch #: 909173

Sample: 459358-013 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/15/13 19:55

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0353	0.0300	118	80-120	
4-Bromofluorobenzene	0.0310	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: Eumont Tank Battery

Work Orders : 459358, 459358

Project ID: (1RP-1799)

Lab Batch #: 909178

Sample: 459027-020 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/16/13 05:43

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.3	100	89	70-135	
o-Terphenyl	52.3	50.1	104	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: Eumont Tank Battery

Work Order #: 459358, 459358

Analyst: KEB

Lab Batch ID: 909159

Sample: 635213-1-BKS

Date Prepared: 03/15/2013

Batch #: 1

Project ID: (IRP-1799)

Date Analyzed: 03/15/2013

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
Analytes	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
BTEX by EPA 8021B											
Benzene	<0.00100	0.100	0.0835	84	0.100	0.0890	89	6	70-130	35	
Toluene	<0.00200	0.100	0.0854	85	0.100	0.0884	88	3	70-130	35	
Ethylbenzene	<0.00100	0.100	0.0864	86	0.100	0.0957	96	10	71-129	35	
m_p-Xylenes	<0.00200	0.200	0.164	82	0.200	0.184	92	11	70-135	35	
o-Xylene	<0.00100	0.100	0.0890	89	0.100	0.0941	94	6	71-133	35	

Analyst: KEB

Lab Batch ID: 909173

Sample: 635217-1-BKS

Date Prepared: 03/15/2013

Batch #: 1

Date Analyzed: 03/15/2013

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
Analytes	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
BTEX by EPA 8021B											
Benzene	<0.00100	0.100	0.0815	82	0.100	0.0906	91	11	70-130	35	
Toluene	<0.00200	0.100	0.0801	80	0.100	0.0921	92	14	70-130	35	
Ethylbenzene	<0.00100	0.100	0.0795	80	0.100	0.0890	89	11	71-129	35	
m_p-Xylenes	<0.00200	0.200	0.152	76	0.200	0.170	85	11	70-135	35	
o-Xylene	<0.00100	0.100	0.0771	77	0.100	0.0861	86	11	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

Project Name: Eumont Tank Battery

Work Order #: 459358, 459358

Analyst: AMB

Lab Batch ID: 909165

Sample: 635216-1-BKS

Date Prepared: 03/17/2013

Batch #: 1

Project ID: (IRP-1799)

Date Analyzed: 03/17/2013

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	<2.00	50.0	48.4	97	50.0	49.1	98	1	80-120	20	

Date Analyzed: 03/15/2013

Matrix: Solid

Date Prepared: 03/15/2013

Batch #: 1

Sample: 635224-1-BKS

Analyst: KEB

Lab Batch ID: 909178

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	999	953	95	999	931	93	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	999	984	98	999	992	99	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: Eumont Tank Battery

Work Order #: 459358

Lab Batch #: 909165

Date Analyzed: 03/17/2013

QC- Sample ID: 459358-001 S

Reporting Units: mg/kg

Date Prepared: 03/17/2013

Batch #: 1

Project ID: (IRP-1799)

Analyst: AMB

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	<4.17	104	123	118	80-120	

Lab Batch #: 909165

Date Analyzed: 03/18/2013

QC- Sample ID: 459358-010 S

Reporting Units: mg/kg

Date Prepared: 03/17/2013

Batch #: 1

Analyst: AMB

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	104	278	400	106	80-120	

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

BRL - Below Reporting Limit



Project Name: Eumont Tank Battery

Work Order #: 459358

Project ID: (IRP-1799)

Lab Batch ID: 909159

Batch #: 1 Matrix: Soil

Date Analyzed: 03/15/2013

Analyst: KEB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	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
BTEX by EPA 8021B											
Benzene	<0.00104	0.104	0.0818	79	0.104	0.0799	77	2	70-130	35	
Toluene	<0.00207	0.104	0.0814	78	0.104	0.0850	82	4	70-130	35	
Ethylbenzene	<0.00104	0.104	0.0813	78	0.104	0.0838	81	3	71-129	35	
m_p-Xylenes	<0.00207	0.207	0.159	77	0.207	0.160	77	1	70-135	35	
o-Xylene	<0.00104	0.104	0.0824	79	0.104	0.0839	81	2	71-133	35	

Lab Batch ID: 909173

Batch #: 1 Matrix: Soil

Date Analyzed: 03/15/2013

Analyst: KEB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	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
BTEX by EPA 8021B											
Benzene	<0.00107	0.107	0.0925	86	0.107	0.0866	81	7	70-130	35	
Toluene	<0.00213	0.107	0.0871	81	0.107	0.0806	75	8	70-130	35	
Ethylbenzene	<0.00107	0.107	0.0914	85	0.107	0.0782	73	16	71-129	35	
m_p-Xylenes	<0.00213	0.213	0.170	80	0.215	0.152	71	11	70-135	35	
o-Xylene	<0.00107	0.107	0.0849	79	0.107	0.0764	71	11	71-133	35	

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

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

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



Project Name: Eumont Tank Battery

Work Order #: 459358

Project ID: (IRP-1799)

Lab Batch ID: 909178

Batch #: 1 **Matrix:** Soil

Date Analyzed: 03/16/2013

QC-Sample ID: 459027-020 S
Date Prepared: 03/15/2013

Analyst: KEB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Analytes	TPH By SW8015 Mod	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
		<16.5	1100	981	89	1100	926	84	6	70-135	35	
C6-C12 Gasoline Range Hydrocarbons		<16.5	1100	981	89	1100	926	84	6	70-135	35	
C12-C28 Diesel Range Hydrocarbons		<16.5	1100	1140	104	1100	1090	99	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

Project Name: Eumont Tank Battery

Work Order #: 459358

Lab Batch #: 909118

Project ID: (IRP-1799)

Date Analyzed: 03/15/2013 12:05

Date Prepared: 03/15/2013

Analyst: WRU

QC- Sample ID: 459358-001 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	4.15	4.00	4	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: 03/15/2013 10:18:00 AM

Temperature Measuring device used :

Work Order #: 459358

Sample Receipt Checklist

Comments

- #1 *Temperature of cooler(s)? -2.1
#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 459606
for
Southern Union Gas Services- Monahans

Project Manager: Joel Lowry

Eumont Tank Battery

(1RP-1799)

21-MAR-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)



21-MAR-13

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

Reference: XENCO Report No(s): **459606**
Eumont Tank Battery
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) 459606. 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. 459606 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 459606



Southern Union Gas Services- Monahans, Monahans, TX

Eumont Tank Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
NW EXC. NW	S	03-18-13 10:10		459606-001



CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans
Project Name: Eumont Tank Battery



Project ID: (IRP-1799)
Work Order Number(s): 459606

Report Date: 21-MAR-13
Date Received: 03/19/2013

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None



Project Id: (IRP-1799)
Contact: Joel Lowry
Project Location: Lea County, NM

Project Name: Eumont Tank Battery

Date Received in Lab: Tue Mar-19-13 08:30 am
Report Date: 21-MAR-13
Project Manager: Nicholas Straccione

<i>Analysis Requested</i>	<i>Lab Id: Field Id: Depth: Matrix: Sampled:</i>	<i>459606-001 NW EXC. NW SOIL Mar-18-13 10:10</i>			
BTEX by EPA 8021B	<i>Extracted: Analyzed: Units/RL:</i>	Mar-20-13 16:00 Mar-20-13 21:05 mg/kg RL			
Benzene		ND 0.00105			
Toluene		ND 0.00210			
Ethylbenzene		ND 0.00105			
m_p-Xylenes		ND 0.00210			
o-Xylene		ND 0.00105			
Total Xylenes		ND 0.00105			
Total BTEX		ND 0.00105			
Inorganic Anions by EPA 300/300.1	<i>Extracted: Analyzed: Units/RL:</i>	Mar-20-13 12:00 Mar-21-13 07:47 mg/kg RL			
Chloride		17.6 2.82			
Percent Moisture	<i>Extracted: Analyzed: Units/RL:</i>	Mar-20-13 17:00 % RL			
Percent Moisture		5.60 1.00			
TPH By SW8015 Mod	<i>Extracted: Analyzed: Units/RL:</i>	Mar-20-13 15:00 Mar-21-13 00:08 mg/kg RL			
C6-C12 Gasoline Range Hydrocarbons		ND 15.9			
C12-C28 Diesel Range Hydrocarbons		ND 15.9			
C28-C35 Oil Range Hydrocarbons		ND 15.9			
Total TPH		ND 15.9			

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.

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

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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(281) 240-4200	(281) 240-4280
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(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: Eumont Tank Battery

Work Orders : 459606,

Project ID: (1RP-1799)

Lab Batch #: 909459

Sample: 459606-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/20/13 21:05

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0275	0.0300	92	80-120	
4-Bromofluorobenzene	0.0283	0.0300	94	80-120	

Lab Batch #: 909470

Sample: 459606-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/21/13 00:08

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.3	100	99	70-135	
o-Terphenyl	49.4	50.0	99	70-135	

Lab Batch #: 909459

Sample: 635403-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/20/13 20:49

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0249	0.0300	83	80-120	
4-Bromofluorobenzene	0.0276	0.0300	92	80-120	

Lab Batch #: 909470

Sample: 635407-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/20/13 23:40

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	103	99.9	103	70-135	
o-Terphenyl	51.9	50.0	104	70-135	

Lab Batch #: 909459

Sample: 635403-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/20/13 20:16

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0344	0.0300	115	80-120	
4-Bromofluorobenzene	0.0325	0.0300	108	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: Eumont Tank Battery

Work Orders : 459606,

Project ID: (1RP-1799)

Lab Batch #: 909470

Sample: 635407-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/20/13 22:44

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.5	99.7	95	70-135	
o-Terphenyl	57.6	49.9	115	70-135	

Lab Batch #: 909459

Sample: 635403-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/20/13 20:32

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0283	0.0300	94	80-120	
4-Bromofluorobenzene	0.0292	0.0300	97	80-120	

Lab Batch #: 909470

Sample: 635407-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 03/20/13 23:12

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	100	99.6	100	70-135	
o-Terphenyl	53.5	49.8	107	70-135	

Lab Batch #: 909459

Sample: 459606-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/20/13 21:54

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0311	0.0300	104	80-120	
4-Bromofluorobenzene	0.0304	0.0300	101	80-120	

Lab Batch #: 909470

Sample: 459606-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/21/13 00:36

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.4	99.6	100	70-135	
o-Terphenyl	55.4	49.8	111	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: Eumont Tank Battery

Work Orders : 459606,

Project ID: (1RP-1799)

Lab Batch #: 909459

Sample: 459606-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/20/13 22:10

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0266	0.0300	89	80-120	
4-Bromofluorobenzene	0.0327	0.0300	109	80-120	

Lab Batch #: 909470

Sample: 459606-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 03/21/13 01:04

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.7	99.8	99	70-135	
o-Terphenyl	51.2	49.9	103	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: Eumont Tank Battery

Work Order #: 459606

Analyst: KEB

Lab Batch ID: 909459

Sample: 635403-1-BKS

Batch #: 1

Date Prepared: 03/20/2013

Project ID: (IRP-1799)

Date Analyzed: 03/20/2013

Matrix: Solid

Units: mg/kg

BTEX by EPA 8021B

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
Analytes	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
Benzene	<0.000992	0.0992	0.106	107	0.0998	0.0841	84	23	70-130	35	
Toluene	<0.00198	0.0992	0.102	103	0.0998	0.0831	83	20	70-130	35	
Ethylbenzene	<0.000992	0.0992	0.103	104	0.0998	0.0775	78	28	71-129	35	
m_p-Xylenes	<0.00198	0.198	0.196	99	0.200	0.148	74	28	70-135	35	
o-Xylene	<0.000992	0.0992	0.101	102	0.0998	0.0769	77	27	71-133	35	

Analyst: AMB

Lab Batch ID: 909477

Sample: 635411-1-BKS

Batch #: 1

Date Prepared: 03/20/2013

Date Analyzed: 03/21/2013

Matrix: Solid

Units: mg/kg

Inorganic Anions by EPA 300/300.1

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
Analytes	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	<2.00	50.0	50.8	102	50.0	51.9	104	2	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

Project Name: Eumont Tank Battery

Work Order #: 459606

Analyst: KEB

Lab Batch ID: 909470

Sample: 635407-1-BKS

Batch #: 1

Project ID: (IRP-1799)

Date Analyzed: 03/20/2013

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	997	936	94	996	993	100	6	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	997	984	99	996	1040	104	6	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



Project Name: Eumont Tank Battery

Work Order #: 459606

Lab Batch #: 909477

Date Analyzed: 03/21/2013

QC- Sample ID: 459439-001 S

Reporting Units: mg/kg

Date Prepared: 03/20/2013

Batch #: 1

Project ID: (1RP-1799)

Analyst: AMB

Matrix: Soil

MATRIX / MATRIX SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
	Chloride	13.6	73.1	76.7	86	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

Project Name: Eumont Tank Battery

Work Order #: 459606

Lab Batch ID: 909459

Date Analyzed: 03/20/2013

Reporting Units: mg/kg

Project ID: (IRP-1799)

QC- Sample ID: 459606-001 S

Date Prepared: 03/20/2013

Batch #: 1 Matrix: Soil

Analyst: KEB

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY											
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
BTEX by EPA 8021B											
Benzene	<0.00106	0.106	0.0864	82	0.106	0.0993	94	14	70-130	35	
Toluene	<0.00211	0.106	0.0798	75	0.106	0.0913	86	13	70-130	35	
Ethylbenzene	<0.00106	0.106	0.0758	72	0.106	0.0917	87	19	71-129	35	
m_p-Xylenes	<0.00211	0.211	0.148	70	0.212	0.174	82	16	70-135	35	
o-Xylene	<0.00106	0.106	0.0755	71	0.106	0.0907	86	18	71-133	35	

Lab Batch ID: 909470

Date Analyzed: 03/21/2013

Reporting Units: mg/kg

QC- Sample ID: 459606-001 S

Date Prepared: 03/20/2013

Batch #: 1 Matrix: Soil

Analyst: KEB

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY											
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
TPH By SW8015 Mod											
C6-C12 Gasoline Range Hydrocarbons	<15.8	1060	1010	95	1060	1010	95	0	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.8	1060	1090	103	1060	1080	102	1	70-135	35	

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

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

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

Project Name: Eumont Tank Battery

Work Order #: 459606

Lab Batch #: 909467

Project ID: (1RP-1799)

Date Analyzed: 03/20/2013 17:00

Date Prepared: 03/20/2013

Analyst: WRU

QC- Sample ID: 459439-001 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	8.98	9.20	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: 03/19/2013 08:30:00 AM

Temperature Measuring device used :

Work Order #: 459606

Sample Receipt Checklist

Comments

Table with 2 columns: Checklist items (#1-#22) and Comments (e.g., 1.2, Yes, No).

* 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: _____

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-144
June 1, 2004

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

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes No

Type of action Registration of a pit or below-grade tank Closure of a pit or below-grade tank

Operator <u>Southern Union Gas Services</u> Telephone <u>575-395-2116</u> e-mail address <u>tony.savoie@sug.com</u>		
Address <u>P.O. Box 1226 Jal, New Mexico 88252</u>		
Facility or well name <u>Eumont Tank Battery</u>	API # _____	U/L or Qtr/Qtr <u>N</u> Sec 30 T 20 S R 37E
County <u>Lea</u>	Latitude <u>32 deg. 32 326</u>	Longitude <u>103 deg 17.689</u> NAD 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/>
Surface Owner Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
Pit	Below-grade tank	
Type <u>Drilling</u> <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/>	Volume: <u>100</u> bbl Type of fluid <u>Produced water and crude oil</u>	
Lined <input type="checkbox"/> Unlined <input type="checkbox"/>	Construction material <u>Steel</u>	
Liner type Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/>	Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not _____	
Pit Volume _____ bbl	_____ Tank was installed by EPNG before the BGT regulations were written _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water) 74 ft	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points)
	100 feet or more	(0 points)
Wellhead protection area (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources) No	Yes	(20 points)
	No	(0 points)
Distance to surface water (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses) 1.2 Horizontal miles to Monument Draw	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points)
	1000 feet or more	(0 points)
Ranking Score (Total Points)		10 Points

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks (2) Indicate disposal location (check the onsite box if you are burying in place) onsite offsite If offsite, name of facility _____ (3) Attach a general description of remedial action taken including remediation start date and end date (4) Groundwater encountered No Yes If yes, show depth below ground surface _____ ft and attach sample results (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .

Date 2/14/08 Tony Savoie
Printed Name/Title Waste Management and Remediation Specialist Signature Tony Savoie

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations

Approval. [Signature]
Printed Name/Title _____ Signature ENVIRONMENTAL ENGINEER Date 2-15-08
RP # 1799

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