REMEDIATION SUMMARY AND

RISK-BASED SOIL CLOSURE REQUEST

ETC FIELD SERVICES, LLC
A-14 Slug Overflow
Lea County, New Mexico
UNIT LTR "H", Section 6, Township 24 South, Range 35 East, NMPM
Latitude 32.246192° North, Longitude 103.402000° West
NMOCD Reference # 1RP-4328

APPROVED
By Olivia Yu at 7:37 am, Sep 07, 2017

NMOCD grants closure to 1RP-4328 with the exception of the portion indicated on Figure 2. Additional delineation and remediation for the specified areas will be deferred until site TOA.

Prepared For:

ETC Field Services, LLC
800 East Sonterra
San Antonio, Texas 78258

Prepared By:

TRC Environmental Corporation
2057 Commerce
Midland, Texas 79703

August 2017

Nikki Green for Joel Lowry

Joel Lowry
Project Manager

Jeffrey Kindley, P.G.
Senior Project Manager

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

INTRODUCTION

TRC Environmental Corporation (TRC), on behalf of ETC Field Services, LLC (ETC), has prepared this *Remediation Summary and Risk-Based Soil Closure Request* for the Release Site known as A-14 Slug Overflow. The legal description of the Release Site is Unit Letter "H", Section 6, Township 24 South, Range 35 East, in Lea County, New Mexico. The subject property is administered by the United States Bureau of Land Management (BLM). The GPS coordinates for the site are N 32.246192° W 103.246192°. Please reference Figure 1 for the Site Location Map and Figure 2 for the Site Details and Soil Sample Locations Map. The Release Notification and Corrective Action (Form C-141) is provided as Appendix D.

On December 27, 2011, ETC discovered a release at the A-14 Compressor Station. The initial Form C-141 indicated an alternate gas producer experienced a malfunction at a nearby facility, resulting in a "slug" of crude oil being transported through the gathering line to the Southern Union A-14 Compressor Station. On entering the station, the oil slug encountered a field scrubber unit, used to separate liquids from the natural gas stream. The field scrubber dumped the liquids to the condensate storage tank. Due to the large slug of liquids, the 210 barrel (bbl) condensate tank was unable to contain the volume of the slug. The tank overflowed into the secondary containment, which had been sized to contain the required volume. The volume of the slug was greater than the volume of the secondary containment, which resulted in the release of approximately eight (8) bbls of crude oil. During initial response activities the release site was secured and a vacuum truck was utilized to recover free standing oil. The release affected an area measuring approximately one thousand three hundred (1,300) square feet (sq. ft.). General photographs of the site are provided as Appendix B.

NMOCD SITE CLASSIFICATION

A groundwater database maintained by The New Mexico Office of the State Engineer (NMOSE) did not identify any registered water wells in Section 6, Township 24 South, Range 35 East. A reference map utilized by the NMOCD Hobbs District Office, indicates groundwater should be encountered at approximately two hundred and twenty-five (225) feet (ft.) below ground surface (bgs). Based on the NMOCD site classification system, zero (0) points will be assigned to the Release Site as a result of this criterion.

No water wells were observed within one-thousand (1,000) ft. of the Release Site. Based on the NMOCD site classification system, zero (0) points will be assigned to the subject area ranking as a result of this criterion.

No surface water was observed within one thousand (1,000) ft. of the release. Based on the NMOCD site classification system, zero (0) points will be assigned to the subject area ranking as a result of this criterion.

The NMOCD guidelines indicate the A-14 Slug Overflow Release Site has a ranking score of zero (0). Based on this score, the soil remediation levels for a site with a ranking score of zero (0) points are as follows:

- Benzene – 10 mg/kg (ppm)'

- Benzene, toluene, ethylbenzene, and xylenes (BTEX) – 50 mg/kg (ppm)
- Total Petroleum Hydrocarbons (TPH) – 5,000 mg/kg (ppm)
- Chloride – 1,000 mg/kg (ppm) with delineation to 250 mg/Kg

SUMMARY OF SOIL REMEDIATION ACTIVITIES

On June 12, 2013, TRC conducted an initial investigation at the release site. During the initial investigation, delineation trenches were advanced within the release margins on the northern, eastern, southern and western sides of the secondary containment area in an effort to determine the vertical and horizontal extent of soil impact. During the advancement of the delineation trenches, four (4) confirmation soil samples (East Trench @ 4', North Trench @ 3', South Trench @ 3' and West Trench @ 1') were collected and submitted under chain-of-custody to Xenco Laboratories of Midland, Texas, for analysis of benzene, BTEX, TPH and chloride concentrations. Laboratory analytical results indicated benzene concentrations ranged from less than the applicable laboratory method detection limit (MDL) in soil samples North Trench @ 3', South Trench @ 3' and West Trench @ 1' to 0.00586 mg/kg in soil sample East Trench @ 4'. Analytical results indicated BTEX concentrations ranged from less than the applicable laboratory MDL in soil samples North Trench @ 3', South Trench @ 3' and West Trench @ 1' to 0.0355 mg/kg in soil sample East Trench @ 4'. Analytical results indicated TPH concentrations ranged from less than the laboratory MDL in soil samples North Trench @ 3' and West Trench @ 1' to 67.1 mg/kg in soil sample South Trench @ 3'. Chloride concentrations ranged from 34.1 mg/kg in soil sample East Trench @ 4' to 351 mg/kg in soil sample South Trench @ 3'. Based on laboratory analytical results from the collected soil samples, soils were determined not to be affected above the applicable NMOCD Recommended Remediation Action Levels (RRALs) beyond four (4) ft. bgs in the area represented East Trench, three (3) ft. bgs in the area represented North Trench, three (3) ft. bgs in the area represented South Trench, and one (1) ft. bgs in the area represented by West Trench. Laboratory analytical results are summarized in Table 1 - Concentrations of Benzene, BTEX, TPH, and Chloride in Soil.

On June 13, 2013, delineation trenches North Trench and South Trench were advanced an additional one (1) ft. in an effort to further delineate the vertical extent of chloride impact in accordance with former industry practices. During the advancement of the delineation trenches, two (2) soil samples (North Trench @ 4' and South Trench @ 4') were collected and submitted to the laboratory for analysis of benzene, BTEX, TPH and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were less than the applicable laboratory MDL in each of the submitted soil samples. Analytical results indicated soil samples North Trench @ 4' and South Trench @ 4' exhibited chloride concentrations of 204 mg/kg and 69.7 mg/kg, respectively.

Upon determining the vertical extent of chloride impacts, excavation activities commenced at the release site. The floor and sidewalls of the excavation were advanced until field-test results indicated BTEX, TPH and chloride concentrations were below the applicable NMOCD RRALs. Excavated soil was stockpiled on-site, pending final disposition. Excavation of impacted soil beneath the secondary containment and associated condensate storage tanks was limited in an effort to maintain the integrity of secondary containment and associated storage tanks. Upon advancing the floor of the excavation on the northern and southern sides of the secondary containment, two (2) confirmation soil samples (BH-1 @ 2' and BH-2 @ 2') were collected from

the base of the excavated area and submitted to the laboratory for analysis of benzene, BTEX, TPH and chloride. Laboratory analytical results indicated benzene, BTEX, TPH and chloride concentrations were below the applicable NMOCD RRAL in each of the submitted soil samples. Excavation activities continued toward the east, south and west.

On June 17, 2013, TRC collected four (4) confirmation soil samples (BH-3 @ 3', WSW-1 @ 1', SSW-1 @ 1' and ESW-1 @ 2') from the floor and sidewalls of the excavated area and submitted them to the laboratory for analysis of benzene, BTEX, TPH and chloride. Laboratory analytical results indicated benzene, BTEX, TPH and chloride concentrations were below the applicable NMOCD RRAL in each of the submitted soil samples. Excavation activities continued toward the north.

On June 19, 2013, TRC collected two (2) delineation soil samples (WSW-1A @ 2' and ESW-1A @ 2') from the areas characterized by soil samples WSW-1 @ 1' and ESW-1 @ 2' in an effort to further delineate the vertical and horizontal extent of chloride impact in accordance with former industry practices. The collected soil samples were submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated soil samples WSW-1A @ 2' and ESW-1A @ 2' exhibited chloride concentrations of 19.9 mg/kg and 9.53 mg/kg, respectively. Excavation activities continued at the release site.

On June 21, 2017, TRC collected one (1) confirmation soil sample (NSW-1A @ 2') from the north sidewall of the excavated area and submitted the sample to the laboratory for analysis of benzene, BTEX, TPH and chloride concentrations, which were determined to be below the NMOCD RRAL. In accordance with former industry practices, one (1) delineation soil sample (SSW-1A @ 2') was collected from the area characterized by soil sample SSW-1 @ 1' and submitted to the laboratory for analysis of chloride concentrations, which were determined to be 81.3 mg/kg.

In addition, four (4) soil samples (Containment EW @ 2', Containment NW @ 2', Containment SW @ 1' and Containment WW @ 1') were collected from unexcavated soil beneath the secondary containment and associated condensate storage tanks in an effort to characterize affected soil remaining in-situ. The collected soil samples were submitted to the laboratory for analysis of benzene, BTEX, TPH and chloride. Laboratory analytical results indicated benzene, BTEX, TPH and chloride concentrations were below the NMOCD RRAL in each of the submitted soil samples with the exception of the TPH concentration in soil sample Containment NW @ 2' (9,370 mg/kg) and the chloride concentrations in soil samples Containment EW @ 2' (1,120 mg/kg) and Containment NW @ 2' (1,430 mg/kg). ETC maintains additional excavation of affected soil beneath the secondary containment poses a safety risk and could compromise the integrity of the secondary containment and associated condensate storage tanks.

On June 26, 2013, TRC collected one (1) additional soil sample (Containment NW-1 @ 2') from the area represented by soil sample Containment NW @ 2' in an effort to further characterize the impacted soil remaining in-situ. The collected soil sample was submitted to the laboratory for analysis of benzene, BTEX, TPH and chloride. Laboratory analytical results indicated benzene, BTEX and chloride concentrations were below the applicable NMOCD RRAL and the concentration of TPH was 6,886 mg/kg.

Upon receiving laboratory analytical results from confirmation soil samples and NMOCD approval, the excavated area was backfilled with locally-purchased, non-impacted caliche. Prior

to backfilling, the final dimensions of the excavated area were approximately one hundred ten (110) ft. in length, fifteen (15) to forty (40) ft. in width and one (1) to three (3) ft. in depth.

On June 24 and 25, 2017, approximately three hundred and sixty (360) cubic yards (cy) of impacted soil was transported to Sundance Services, Inc. (NMOCD Permit No. NM1-3-0) for disposal. Copies of waste manifests are provided as Appendix C.

Prior to the preparation of a *Remediation Summary and Soil Closure Proposal,* the A-14 Slug Overflow remediation project came under the management of alternative environmental professionals. It is unknown if additional remediation activities were conducted at the site.

In March of 2017, TRC was reassigned oversight of the A-14 Slug Overflow site. On June 19, 2017, TRC revisited the release site. During the site visit, three (3) soil samples (WSW-1a @ 2', Containment EWa @ 2' and Containment NWa @ 2') were collected from the areas characterized by soil samples collected during June of 2013 (WSW-1A @ 2', Containment EW @ 2' and Containment NW @ 2') in an effort to determine if additional remediation activities had been conducted and/or if impacted soil affected above the NMOCD RRAL remained in-situ. The collected soil samples were submitted to the laboratory for analysis of benzene, BTEX, TPH and chloride. Laboratory analytical results indicate benzene, BTEX, TPH and chloride concentrations were below the NMOCD RRAL in each of the submitted soil samples.

SITE CLOSURE REQUEST

Impacted soil within the release margins was excavated to the maximum extent practicable and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples collected from the floor and sidewalls of the excavated area indicated benzene, BTEX, TPH and chloride concentrations were below the NMOCD RRAL in each of the submitted soil samples. Analytical results from soil samples collected from affected soil beneath the secondary above-ground tank containment remaining in-situ indicated concentrations of chloride and/or TPH exceeded the NMOCD RRAL in soil beneath the northern and eastern portions of the fiberglass containment. ETC maintains additional excavation of affected soil beneath the northern and eastern portions of the secondary containment poses a safety risk and could compromise the integrity of the secondary containment and associated condensate storage tanks.

Based on laboratory analytical results and field activities conducted to date, TRC recommends ETC provide copies of this *Remediation Summary and Risk-Based Soil Closure Request* and request the NMOCD and BLM grant closure status to the A-14 Compressor Slug Overflow Release Site. Affected soil impacted above the NMOCD RRAL potentially remaining in-situ beneath the secondary above-ground storage tank containment will be further investigated and/or remediated upon abandoning and decommissioning the facility (TOA).

LIMITATIONS

TRC has prepared this *Remediation Summary and Risk-Based Soil Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended.

TRC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. TRC has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. TRC also 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 ETC Field Services, LLC. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of TRC and/or ETC Field Services, LLC.

DISTRIBUTION

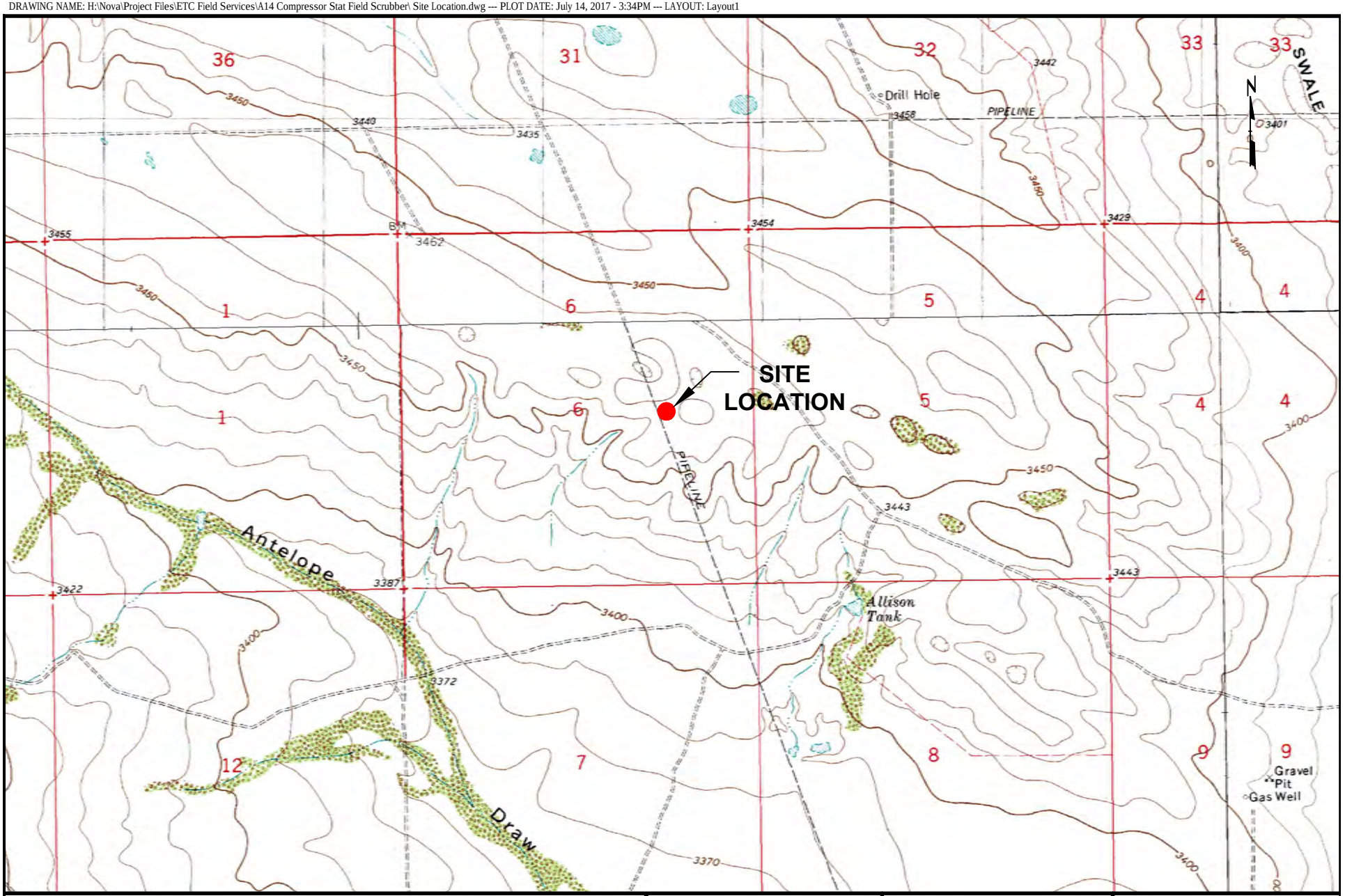
Copy 1: Olivia Yu
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division (District 1)
1625 French Drive
Hobbs, New Mexico 88240

Copy 2: Randall Pair
Carlsbad Field Office
United States Department of the Interior
Bureau of Land Management
620 E. Greene Street
Carlsbad, New Mexico 88220

Copy 3: Rose Slade
ETC Field Services, LLC
800 East Sonterra
San Antonio, Texas 78258

Copy 4: TRC Environmental Corporation
2057 Commerce Street
Midland, Texas 79703

DRAWING NAME: H:\Nova\Project Files\ETC Field Services\A14 Compressor Stat Field Scrubber\ Site Location.dwg --- PLOT DATE: July 14, 2017 - 3:34PM --- LAYOUT: Layout1



LEGEND:

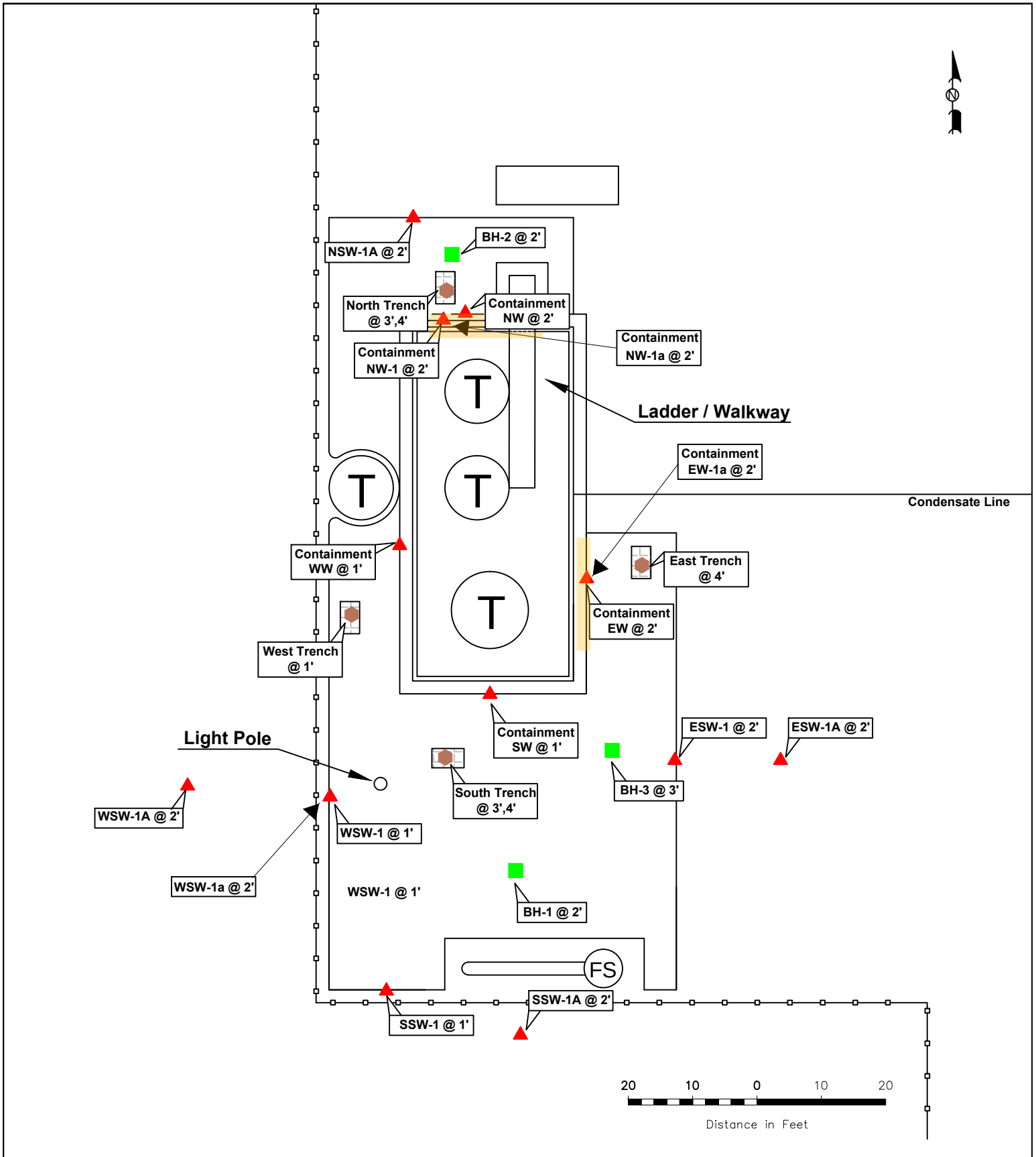
2000 1000 0 1000 2000

Distance in Feet

Figure 1
Site Location Map
ETC Field Services, LLC
A-14 Compressor Station
Slug Overflow
Lea County, NM

Scale: 1" = 2000'	
CAD By: TA	Checked By: CS
Draft: March 3, 2017	
Lat. N 32.246192 Long.W103.402000	
SE1/4 NW1/4 Sec. 6 T24S R35E	
TRC Proj. No.: 284128	

TRC
2057 Commerce Drive
Midland, Texas 79703
432.520.7720



Legend:

- Sidewall Soil Sample Location
- Trench Soil Sample Location
- Floor Soil Sample Location
- Trench Area
- Excavation Area
- Tank
- Field Scrubber
- Impacted Soil Remaining In-Situ (Inferred)

Figure 2
Site Details & Soil Sample Locations Map
Southern Union Gas Service
A-14 Slug Overflow Historical Release Site
Lea County, NM

TRC
2057 Commerce Drive
Midland, Texas 79703
432.520.7720
www.trcsolutions.com

August 15, 2013	Scale: 1" = 20'	CAD By: CAS	Checked By:

Lat. N 32° 14' 47.07" Long. W 103° 24' 07.89"

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
A-14 SLUG OVERFLOW HISTORICAL RELEASE SITE
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE # 1RP-4328

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	SOIL STATUS	METHODS: SW 846-8021b						METHOD: SW 8015M				E 300.1
			BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL BTEX	TPH GRO C_6-C_{12}	TPH DRO C_{12}-C_{28}	TPH ORO C_{28}-C_{35}	TOTAL TPH C_6-C_{35}	CHLORIDE
East Trench @ 4'	06/12/13	In-situ	0.00586	<0.00199	0.00310	0.0187	0.00786	0.0355	<15.0	42.4	<15.0	42.4	34.1
North Trench @ 3'	06/12/13	In-Situ	<0.00107	<0.00215	<0.00107	<0.00215	<0.00107	<0.00215	<15.0	<15.0	<15.0	<15.0	268
South Trench @ 3'	06/12/13	In-Situ	<0.000992	<0.00198	<0.000992	<0.00198	<0.000992	<0.00198	<15.0	67.1	<15.0	67.1	351
West Trench @ 1'	06/12/13	In-Situ	<0.00106	<0.00211	<0.00106	<0.00211	<0.00106	<0.00211	<15.0	<15.0	<15.0	<15.0	62.3
North Trench @ 4'	06/13/13	In-Situ	<0.00113	<0.00226	<0.00113	<0.00226	<0.00113	<0.00226	<14.9	<14.9	<14.9	<14.9	204
South Trench @ 4'	06/13/13	In-Situ	<0.000994	<0.00199	<0.000994	<0.00199	<0.000994	<0.00199	<14.9	<14.9	<14.9	<14.9	69.7
BH-1 @ 2'	06/13/13	In-Situ	<0.00109	<0.00218	<0.00109	<0.00218	<0.00109	<0.00218	<14.9	<14.9	<14.9	<14.9	370
BH-2 @ 2'	06/13/13	In-Situ	<0.00100	<0.00201	<0.00100	<0.00201	<0.00100	<0.00201	<14.9	<14.9	<14.9	<14.9	88.9
BH-3 @ 3'	06/17/13	In-Situ	<0.00108	<0.00216	<0.00108	<0.00216	<0.00108	<0.00216	<16.1	121	<16.1	121	705
WSW-1 @ 1'	06/17/13	In-Situ	<0.00101	<0.00202	<0.00101	<0.00202	<0.00101	<0.00202	<15.2	186	34.0	220	420
SSW-1 @ 1'	06/17/13	In-Situ	<0.00105	<0.00211	<0.00105	<0.00211	<0.00105	<0.00211	<15.8	<15.8	<15.8	<15.8	766
ESW-1 @ 2'	06/17/13	In-Situ	<0.00105	<0.00211	<0.00105	<0.00211	<0.00105	<0.00211	<15.9	<15.9	<15.9	<15.9	628
WSW-1A @ 2'	06/19/13	In-Situ	-	-	-	-	-	-	-	-	-	-	19.6
ESW-1A @ 2'	06/19/13	In-Situ	-	-	-	-	-	-	-	-	-	-	9.53
NSW-1A @ 2'	06/21/13	In-Situ	<0.00105	<0.00209	<0.00105	<0.00209	<0.00105	<0.00209	<15.9	172	29	201	106
SSW-1A @ 2'	06/21/13	In-Situ	-	-	-	-	-	-	-	-	-	-	81.3
Containment EW @ 2'	06/21/13	In-Situ	<0.00108	<0.00216	<0.00108	<0.00216	<0.00108	<0.00216	<16.4	133	39.1	172.1	**1,120**
Containment NW @ 2'	06/21/13	In-Situ	<0.00110	<0.00221	<0.00110	<0.00221	0.00796	0.00796	633	7760	977	**9,370**	**1,430**
Containment SW @ 1'	06/21/13	In-Situ	<0.00104	<0.00208	<0.00104	<0.00208	<0.00104	<0.00208	<15.6	264.0	48.9	312.9	1,000
Containment WW @ 1'	06/21/13	In-Situ	<0.00103	<0.00206	<0.00103	<0.00206	<0.00103	<0.00206	<15.6	42.9	<15.6	42.9	106
Containment NW-1 @ 2'	06/26/13	In-Situ	<0.00109	0.0100	0.0139	0.0517	0.0439	0.1195	1360	5190	336	**6,886**	613
WSW-1a @ 2'	06/19/17	In-Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<15.0	<15.0	<15.0	<15.0	90.2
Containment EWa @ 2'	06/19/17	In-Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<15.0	559	162	721	421
Containment NWa @ 2'	06/19/17	In-Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<15.0	747	142	889	61.9
NMOCD Regulatory Limit			**10**	**-**	**-**	**-**	**-**	**50**	**-**	**-**	**-**	**5,000**	**1,000**

Analytical Report 465079

for

Southern Union Gas Services- Monahans

Project Manager: Camille Bryant

SUG A-14 Compressor Station

20-JUN-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)

20-JUN-13

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

Reference: XENCO Report No(s): **465079**
SUG A-14 Compressor Station
Project Address: Lea County, New Mexico

Camille Bryant:

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) 465079. 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. 465079 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,

Kelsey Brooks
Project Manager

Sample Cross Reference 465079

Southern Union Gas Services- Monahans, Monahans, TX

SUG A-14 Compressor Station

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
East Trench @ 4'	S	06-12-13 10:30		465079-001
North Trench @ 3'	S	06-12-13 11:45		465079-002
South Trench @ 3'	S	06-12-13 14:30		465079-003
West Trench @ 1'	S	06-12-13 16:00		465079-004
North Trench @ 4'	S	06-13-13 10:15		465079-005
South Trench @ 4'	S	06-13-13 11:00		465079-006
BH-1 @ 2'	S	06-13-13 12:30		465079-007
BH-2 @ 2'	S	06-13-13 13:45		465079-008

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 465079

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: SUG A-14 Compressor Station

Project Id:
Contact: Camille Bryant
Project Location: Lea County, New Mexico

Date Received in Lab: Fri Jun-14-13 11:00 am
Report Date: 20-JUN-13
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	465079-001		465079-002		465079-003		465079-004		465079-005		465079-006	
	Field Id:	East Trench @ 4'		North Trench @ 3'		South Trench @ 3'		West Trench @ 1'		North Trench @ 4'		South Trench @ 4'	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Jun-12-13 10:30		Jun-12-13 11:45		Jun-12-13 14:30		Jun-12-13 16:00		Jun-13-13 10:15		Jun-13-13 11:00	
BTEX by EPA 8021B	***Extracted:***	Jun-17-13 08:00		Jun-17-13 08:00		Jun-17-13 08:00		Jun-17-13 08:00		Jun-17-13 08:00		Jun-17-13 08:00	
	Analyzed:	Jun-17-13 16:46		Jun-17-13 13:02		Jun-17-13 13:51		Jun-17-13 14:08		Jun-17-13 14:24		Jun-17-13 15:46	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		0.00586	0.000996	ND	0.00107	ND	0.000992	ND	0.00106	ND	0.00113	ND	0.000994
Toluene		ND	0.00199	ND	0.00215	ND	0.00198	ND	0.00211	ND	0.00226	ND	0.00199
Ethylbenzene		0.00310	0.000996	ND	0.00107	ND	0.000992	ND	0.00106	ND	0.00113	ND	0.000994
m,p-Xylenes		0.0187	0.00199	ND	0.00215	ND	0.00198	ND	0.00211	ND	0.00226	ND	0.00199
o-Xylene		0.00786	0.000996	ND	0.00107	ND	0.000992	ND	0.00106	ND	0.00113	ND	0.000994
Total Xylenes		0.0266	0.000996	ND	0.00107	ND	0.000992	ND	0.00106	ND	0.00113	ND	0.000994
Total BTEX		0.0355	0.000996	ND	0.00107	ND	0.000992	ND	0.00106	ND	0.00113	ND	0.000994
Inorganic Anions by EPA 300/300.1	***Extracted:***	Jun-18-13 10:00		Jun-18-13 10:00		Jun-18-13 10:00		Jun-18-13 10:00		Jun-18-13 10:00		Jun-18-13 10:00	
	Analyzed:	Jun-19-13 00:08		Jun-19-13 00:29		Jun-19-13 00:51		Jun-19-13 01:34		Jun-19-13 01:56		Jun-19-13 02:18	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		34.1	4.00	268	10.0	351	10.0	62.3	10.0	204	40.0	69.7	10.0
Percent Moisture	***Extracted:***												
	Analyzed:	Jun-18-13 12:08		Jun-18-13 12:08		Jun-18-13 12:08		Jun-18-13 12:08		Jun-18-13 12:08		Jun-18-13 12:08	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		1.88	1.00	7.27	1.00	6.73	1.00	5.42	1.00	12.0	1.00	7.52	1.00
TPH By SW8015 Mod	***Extracted:***	Jun-17-13 13:00		Jun-17-13 13:00		Jun-17-13 13:00		Jun-17-13 13:00		Jun-17-13 13:00		Jun-17-13 13:00	
	Analyzed:	Jun-17-13 23:03		Jun-17-13 23:28		Jun-17-13 23:53		Jun-18-13 00:18		Jun-18-13 01:59		Jun-18-13 02:24	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
C6-C12 Gasoline Range Hydrocarbons		ND	15.0	ND	15.0	ND	15.0	ND	15.0	ND	14.9	ND	14.9
C12-C28 Diesel Range Hydrocarbons		42.4	15.0	ND	15.0	67.1	15.0	ND	15.0	ND	14.9	ND	14.9
C28-C35 Oil Range Hydrocarbons		ND	15.0	ND	15.0	ND	15.0	ND	15.0	ND	14.9	ND	14.9
Total TPH		42.4	15.0	ND	15.0	67.1	15.0	ND	15.0	ND	14.9	ND	14.9

Kelsey Brooks
Project Manager

Certificate of Analysis Summary 465079

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: SUG A-14 Compressor Station

Project Id:
Contact: Camille Bryant
Project Location: Lea County, New Mexico

Date Received in Lab: Fri Jun-14-13 11:00 am
Report Date: 20-JUN-13
Project Manager: Kelsey Brooks

Analysis Requested									
	Lab Id:	465079-007		465079-008					
	Field Id:	BH-1 @ 2'		BH-2 @ 2'					
	Depth:								
	Matrix:	SOIL		SOIL					
	Sampled:	Jun-13-13 12:30		Jun-13-13 13:45					
BTEX by EPA 8021B	***Extracted:***	Jun-17-13 08:00		Jun-17-13 08:00					
	Analyzed:	Jun-17-13 14:56		Jun-17-13 15:13					
	Units/RL:	mg/kg	RL	mg/kg	RL				
Benzene		ND	0.00109	ND	0.00100				
Toluene		ND	0.00218	ND	0.00201				
Ethylbenzene		ND	0.00109	ND	0.00100				
m,p-Xylenes		ND	0.00218	ND	0.00201				
o-Xylene		ND	0.00109	ND	0.00100				
Total Xylenes		ND	0.00109	ND	0.00100				
Total BTEX		ND	0.00109	ND	0.00100				
Inorganic Anions by EPA 300/300.1	***Extracted:***	Jun-18-13 10:00		Jun-18-13 10:00					
	Analyzed:	Jun-19-13 02:39		Jun-19-13 03:01					
	Units/RL:	mg/kg	RL	mg/kg	RL				
Chloride		370	10.0	88.9	10.0				
Percent Moisture	***Extracted:***								
	Analyzed:	Jun-18-13 12:08		Jun-18-13 12:08					
	Units/RL:	%	RL	%	RL				
Percent Moisture		9.13	1.00	5.12	1.00				
TPH By SW8015 Mod	***Extracted:***	Jun-17-13 13:00		Jun-17-13 13:00					
	Analyzed:	Jun-18-13 02:49		Jun-18-13 03:14					
	Units/RL:	mg/kg	RL	mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		ND	14.9	ND	14.9				
C12-C28 Diesel Range Hydrocarbons		ND	14.9	ND	14.9				
C28-C35 Oil Range Hydrocarbons		ND	14.9	ND	14.9				
Total TPH		ND	14.9	ND	14.9				

Kelsey Brooks
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 quantiation 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

Form 2 - Surrogate Recoveries

Project Name: SUG A-14 Compressor Station

Work Orders : 465079,

Project ID:

Lab Batch #: 916356 **Sample:** 465079-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 13:02

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0268	0.0300	89	80-120	
4-Bromofluorobenzene	0.0346	0.0300	115	80-120	

Lab Batch #: 916356 **Sample:** 465079-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 13:51

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	0.0351	0.0300	117	80-120	

Lab Batch #: 916356 **Sample:** 465079-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 14:08

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	0.0347	0.0300	116	80-120	

Lab Batch #: 916356 **Sample:** 465079-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 14:24

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0271	0.0300	90	80-120	
4-Bromofluorobenzene	0.0347	0.0300	116	80-120	

Lab Batch #: 916356 **Sample:** 465079-007 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 14:56

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	0.0328	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: SUG A-14 Compressor Station

Work Orders : 465079,

Project ID:

Lab Batch #: 916356 **Sample:** 465079-008 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 15:13

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0244	0.0300	81	80-120	
4-Bromofluorobenzene	0.0308	0.0300	103	80-120	

Lab Batch #: 916356 **Sample:** 465079-006 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 15:46

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	0.0347	0.0300	116	80-120	

Lab Batch #: 916356 **Sample:** 465079-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 16:46

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0319	0.0300	106	80-120	
4-Bromofluorobenzene	0.0340	0.0300	113	80-120	

Lab Batch #: 916416 **Sample:** 465079-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 23:03

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.3	99.9	98	70-135	
o-Terphenyl	51.5	50.0	103	70-135	

Lab Batch #: 916416 **Sample:** 465079-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 23:28

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	99.8	106	70-135	
o-Terphenyl	57.1	49.9	114	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: SUG A-14 Compressor Station

Work Orders : 465079,

Project ID:

Lab Batch #: 916416 **Sample:** 465079-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 23:53

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	102	100	102	70-135	
o-Terphenyl	55.0	50.2	110	70-135	

Lab Batch #: 916416 **Sample:** 465079-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/18/13 00:18

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.3	100	99	70-135	
o-Terphenyl	52.5	50.2	105	70-135	

Lab Batch #: 916416 **Sample:** 465079-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/18/13 01:59

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.6	99.6	98	70-135	
o-Terphenyl	52.1	49.8	105	70-135	

Lab Batch #: 916416 **Sample:** 465079-006 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/18/13 02:24

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.6	99.5	98	70-135	
o-Terphenyl	52.6	49.8	106	70-135	

Lab Batch #: 916416 **Sample:** 465079-007 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/18/13 02:49

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.6	99.5	95	70-135	
o-Terphenyl	50.5	49.8	101	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: SUG A-14 Compressor Station

Work Orders : 465079,

Project ID:

Lab Batch #: 916416 **Sample:** 465079-008 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/18/13 03:14

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	95.8	99.6	96	70-135	
o-Terphenyl	51.2	49.8	103	70-135	

Lab Batch #: 916356 **Sample:** 639775-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/17/13 12:13

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0245	0.0300	82	80-120	
4-Bromofluorobenzene	0.0322	0.0300	107	80-120	

Lab Batch #: 916416 **Sample:** 639815-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/17/13 20:04

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	96.5	100	97	70-135	
o-Terphenyl	52.6	50.1	105	70-135	

Lab Batch #: 916356 **Sample:** 639775-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/17/13 11:39

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY 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	0.0347	0.0300	116	80-120	

Lab Batch #: 916416 **Sample:** 639815-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/17/13 19:10

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	104	99.7	104	70-135	
o-Terphenyl	60.2	49.9	121	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: SUG A-14 Compressor Station

Work Orders : 465079, **Project ID:**

Lab Batch #: 916356 **Sample:** 639775-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/17/13 11:56

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY 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	0.0354	0.0300	118	80-120	

Lab Batch #: 916416 **Sample:** 639815-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/17/13 19:37

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.6	99.6	99	70-135	
o-Terphenyl	56.0	49.8	112	70-135	

Lab Batch #: 916356 **Sample:** 465079-002 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 13:18

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0342	0.0300	114	80-120	
4-Bromofluorobenzene	0.0348	0.0300	116	80-120	

Lab Batch #: 916416 **Sample:** 465079-004 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/18/13 00:43

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	102	100	102	70-135	
o-Terphenyl	57.7	50.2	115	70-135	

Lab Batch #: 916356 **Sample:** 465079-002 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 13:35

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0243	0.0300	81	80-120	
4-Bromofluorobenzene	0.0346	0.0300	115	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: SUG A-14 Compressor Station

Work Orders : 465079,

Project ID:

Lab Batch #: 916416 **Sample:** 465079-004 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/18/13 01:08

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	104	100	104	70-135	
o-Terphenyl	60.9	50.1	122	70-135	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

BS / BSD Recoveries

Project Name: SUG A-14 Compressor Station

Work Order #: 465079 **Project ID:**

Analyst: DYV **Date Prepared:** 06/17/2013 **Date Analyzed:** 06/17/2013

Lab Batch ID: 916356 **Sample:** 639775-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B 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	<0.000994	0.0994	0.0865	87	0.0998	0.0899	90	4	70-130	35	
Toluene	<0.00199	0.0994	0.0862	87	0.0998	0.0890	89	3	70-130	35	
Ethylbenzene	<0.000994	0.0994	0.0952	96	0.0998	0.103	103	8	71-129	35	
m,p-Xylenes	<0.00199	0.199	0.179	90	0.200	0.193	97	8	70-135	35	
o-Xylene	<0.000994	0.0994	0.0862	87	0.0998	0.100	100	15	71-133	35	

Analyst: AMB **Date Prepared:** 06/18/2013 **Date Analyzed:** 06/18/2013

Lab Batch ID: 916736 **Sample:** 640003-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 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	46.5	93	50.0	46.3	93	0	80-120	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: SUG A-14 Compressor Station

Work Order #: 465079 **Project ID:**

Analyst: DYV **Date Prepared:** 06/17/2013 **Date Analyzed:** 06/17/2013

Lab Batch ID: 916416 **Sample:** 639815-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod 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
C6-C12 Gasoline Range Hydrocarbons	<15.0	997	1050	105	996	1060	106	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	997	1080	108	996	1080	108	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

Form 3 - MS Recoveries

Project Name: SUG A-14 Compressor Station

Work Order #: 465079

Lab Batch #: 916736 **Project ID:**

Date Analyzed: 06/18/2013 **Date Prepared:** 06/18/2013 **Analyst:** AMB

QC- Sample ID: 465064-001 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

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	326	250	611	114	80-120	

Lab Batch #: 916736

Date Analyzed: 06/19/2013 **Date Prepared:** 06/18/2013 **Analyst:** AMB

QC- Sample ID: 465079-003 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

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	351	250	638	115	80-120	

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

BRL - Below Reporting Limit

Form 3 - MS / MSD Recoveries

Project Name: SUG A-14 Compressor Station

Work Order # : 465079 **Project ID:**

Lab Batch ID: 916356 **QC- Sample ID:** 465079-002 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 06/17/2013 **Date Prepared:** 06/17/2013 **Analyst:** DYV

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00107	0.107	0.0912	85	0.108	0.0865	80	5	70-130	35	
Toluene	<0.00214	0.107	0.0857	80	0.108	0.0943	87	10	70-130	35	
Ethylbenzene	<0.00107	0.107	0.0909	85	0.108	0.0922	85	1	71-129	35	
m,p-Xylenes	<0.00214	0.214	0.178	83	0.215	0.176	82	1	70-135	35	
o-Xylene	<0.00107	0.107	0.0876	82	0.108	0.0882	82	1	71-133	35	

Lab Batch ID: 916416 **QC- Sample ID:** 465079-004 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 06/18/2013 **Date Prepared:** 06/17/2013 **Analyst:** DYV

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	1030	103	1000	1070	107	4	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	1000	1100	110	1000	1130	113	3	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, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Sample Duplicate Recovery

Project Name: SUG A-14 Compressor Station

Work Order #: 465079

Lab Batch #: 916475 **Project ID:**

Date Analyzed: 06/18/2013 12:08 **Date Prepared:** 06/18/2013 **Analyst:** WRU

QC- Sample ID: 465076-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	1.20	1.09	10	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

The Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Camille Bryant

Company Name: Nova Safety and Environmental

Company Address: 2057 Commerce

City/State/Zip: Midland, TX 79703

Telephone No: 432.520.7720 Fax No: 432.520.7701

Sampler Signature: Jonathan Reyna e-mail: cbryant@novatraining.cc

jreyna@novatraining.cc

Project Name: SUG A-14 Compressor Station

Project #:

Project Loc: Lea County, New Mexico

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPI

(lab use only) ORDER #: 465079

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TPH: 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chloride E 300.0			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	East Trench @ 4'			6/12/2013	10:30		1	X								Soil	X								X			X				X
02	North Trench @ 3'			6/12/2013	11:45		1	X								Soil	X								X			X				X
03	South Trench @ 3'			6/12/2013	14:30		1	X								Soil	X								X			X				X
04	West Trench @ 1'			6/12/2013	16:00		1	X								Soil	X								X			X				X
05	North Trench @ 4'			6/13/2013	10:15		1	X								Soil	X								X			X				X
06	South Trench @ 4'			6/13/2013	11:00		1	X								Soil	X								X			X				X
07	BH-1 @ 2'			6/13/2013	12:30		1	X								Soil	X								X			X				X
08	BH-2 @ 2'			6/13/2013	13:45		1	X								Soil	X								X			X				X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Jonathan Reyna	6/14/13	11:05			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
				6/14/13	11:00

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 3 °C

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Date/ Time Received: 06/14/2013 11:00:00 AM

Work Order #: 465079

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

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	3
#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: Kelsey Brooks Date: 06/14/2013

Checklist reviewed by: Kelsey Brooks Date: 06/14/2013

Analytical Report 465108

for

Southern Union Gas Services- Monahans

Project Manager: Camille Bryant

SUG A-14 Compressor Station

17-JUN-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)

17-JUN-13

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

Reference: XENCO Report No(s): **465108**
SUG A-14 Compressor Station
Project Address: Lea County, New Mexico

Camille Bryant:

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) 465108. 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. 465108 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,

Kelsey Brooks
Project Manager

Sample Cross Reference 465108

Southern Union Gas Services- Monahans, Monahans, TX

SUG A-14 Compressor Station

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Baseline	S	06-14-13 09:30		465108-001

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-916366 Inorganic Anions by EPA 300/300.1
E300

Batch 916366, Chloride recovered above QC limits in the Matrix Spike.
Samples affected are: 465108-001.
The Laboratory Control Sample for Chloride is within laboratory Control Limits

Certificate of Analysis Summary 465108

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: SUG A-14 Compressor Station

Project Id:
Contact: Camille Bryant
Project Location: Lea County, New Mexico

Date Received in Lab: Fri Jun-14-13 03:15 pm
Report Date: 17-JUN-13
Project Manager: Kelsey Brooks

Analysis Requested								
	Lab Id:	465108-001						
	Field Id:	Baseline						
	Depth:							
	Matrix:	SOIL						
	Sampled:	Jun-14-13 09:30						
BTEX by EPA 8021B	***Extracted:***	Jun-17-13 08:00						
	Analyzed:	Jun-17-13 12:29						
	Units/RL:	mg/kg	RL					
Benzene		ND	0.00109					
Toluene		ND	0.00219					
Ethylbenzene		ND	0.00109					
m,p-Xylenes		ND	0.00219					
o-Xylene		ND	0.00109					
Total Xylenes		ND	0.00109					
Total BTEX		ND	0.00109					
Inorganic Anions by EPA 300/300.1	***Extracted:***	Jun-17-13 09:00						
	Analyzed:	Jun-17-13 12:24						
	Units/RL:	mg/kg	RL					
Chloride		1900	40.0					
Percent Moisture	***Extracted:***							
	Analyzed:	Jun-17-13 10:30						
	Units/RL:	%	RL					
Percent Moisture		9.37	1.00					
TPH By SW8015 Mod	***Extracted:***	Jun-14-13 16:00						
	Analyzed:	Jun-15-13 11:27						
	Units/RL:	mg/kg	RL					
C6-C12 Gasoline Range Hydrocarbons		70.3	16.5					
C12-C28 Diesel Range Hydrocarbons		670	16.5					
C28-C35 Oil Range Hydrocarbons		51.4	16.5					
Total TPH		792	16.5					

Kelsey Brooks
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 quantiation 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

Form 2 - Surrogate Recoveries

Project Name: SUG A-14 Compressor Station

Work Orders : 465108,

Project ID:

Lab Batch #: 916303 **Sample:** 465108-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/15/13 11:27

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.4	99.8	100	70-135	
o-Terphenyl	54.2	49.9	109	70-135	

Lab Batch #: 916356 **Sample:** 465108-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 12:29

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0293	0.0300	98	80-120	
4-Bromofluorobenzene	0.0342	0.0300	114	80-120	

Lab Batch #: 916303 **Sample:** 639748-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/15/13 11:02

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	104	100	104	70-135	
o-Terphenyl	54.1	50.2	108	70-135	

Lab Batch #: 916356 **Sample:** 639775-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/17/13 12:13

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0245	0.0300	82	80-120	
4-Bromofluorobenzene	0.0322	0.0300	107	80-120	

Lab Batch #: 916303 **Sample:** 639748-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/15/13 10:11

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	104	100	104	70-135	
o-Terphenyl	59.9	50.1	120	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: SUG A-14 Compressor Station

Work Orders : 465108,

Project ID:

Lab Batch #: 916356 **Sample:** 639775-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/17/13 11:39

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0261	0.0300	87	80-120	
4-Bromofluorobenzene	0.0347	0.0300	116	80-120	

Lab Batch #: 916303 **Sample:** 639748-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/15/13 10:36

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.5	99.9	99	70-135	
o-Terphenyl	61.4	50.0	123	70-135	

Lab Batch #: 916356 **Sample:** 639775-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/17/13 11:56

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	0.0354	0.0300	118	80-120	

Lab Batch #: 916303 **Sample:** 465064-002 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/15/13 14:00

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.0	99.6	98	70-135	
o-Terphenyl	60.6	49.8	122	70-135	

Lab Batch #: 916356 **Sample:** 465079-002 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 13:18

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0342	0.0300	114	80-120	
4-Bromofluorobenzene	0.0348	0.0300	116	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: SUG A-14 Compressor Station

Work Orders : 465108,

Project ID:

Lab Batch #: 916303 **Sample:** 465064-002 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/15/13 14:25

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.5	99.7	100	70-135	
o-Terphenyl	61.9	49.9	124	70-135	

Lab Batch #: 916356 **Sample:** 465079-002 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/17/13 13:35

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0243	0.0300	81	80-120	
4-Bromofluorobenzene	0.0346	0.0300	115	80-120	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

BS / BSD Recoveries

Project Name: SUG A-14 Compressor Station

Work Order #: 465108 **Project ID:**

Analyst: DYV **Date Prepared:** 06/17/2013 **Date Analyzed:** 06/17/2013

Lab Batch ID: 916356 **Sample:** 639775-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B 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	<0.000994	0.0994	0.0865	87	0.0998	0.0899	90	4	70-130	35	
Toluene	<0.00199	0.0994	0.0862	87	0.0998	0.0890	89	3	70-130	35	
Ethylbenzene	<0.000994	0.0994	0.0952	96	0.0998	0.103	103	8	71-129	35	
m,p-Xylenes	<0.00199	0.199	0.179	90	0.200	0.193	97	8	70-135	35	
o-Xylene	<0.000994	0.0994	0.0862	87	0.0998	0.100	100	15	71-133	35	

Analyst: AMB **Date Prepared:** 06/17/2013 **Date Analyzed:** 06/17/2013

Lab Batch ID: 916366 **Sample:** 639779-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 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	50.3	101	50.0	47.9	96	5	80-120	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: SUG A-14 Compressor Station

Work Order #: 465108 **Project ID:**

Analyst: DYV **Date Prepared:** 06/14/2013 **Date Analyzed:** 06/15/2013

Lab Batch ID: 916303 **Sample:** 639748-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod 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
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	1080	108	999	1080	108	0	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	1000	1110	111	999	1110	111	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

Form 3 - MS Recoveries

Project Name: SUG A-14 Compressor Station

Work Order #: 465108
Lab Batch #: 916366
Project ID:
Date Analyzed: 06/17/2013
Date Prepared: 06/17/2013
Analyst: AMB
QC- Sample ID: 465108-001 S
Batch #: 1
Matrix: Soil
Reporting Units: mg/kg

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	1900	1000	3150	125	80-120	X

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

BRL - Below Reporting Limit

Form 3 - MS / MSD Recoveries

Project Name: SUG A-14 Compressor Station

Work Order # : 465108 **Project ID:**

Lab Batch ID: 916356 **QC- Sample ID:** 465079-002 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 06/17/2013 **Date Prepared:** 06/17/2013 **Analyst:** DYV

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.000992	0.0992	0.0846	85	0.0998	0.0802	80	5	70-130	35	
Toluene	<0.00198	0.0992	0.0795	80	0.0998	0.0874	88	9	70-130	35	
Ethylbenzene	<0.000992	0.0992	0.0843	85	0.0998	0.0855	86	1	71-129	35	
m,p-Xylenes	<0.00198	0.198	0.165	83	0.200	0.163	82	1	70-135	35	
o-Xylene	<0.000992	0.0992	0.0812	82	0.0998	0.0818	82	1	71-133	35	

Lab Batch ID: 916303 **QC- Sample ID:** 465064-002 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 06/15/2013 **Date Prepared:** 06/14/2013 **Analyst:** DYV

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<14.9	996	998	100	997	1000	100	0	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<14.9	996	1070	107	997	1070	107	0	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, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Sample Duplicate Recovery

Project Name: SUG A-14 Compressor Station

Work Order #: 465108

Lab Batch #: 916352 **Project ID:**

Date Analyzed: 06/17/2013 10:30 **Date Prepared:** 06/17/2013 **Analyst:** WRU

QC- Sample ID: 465022-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	18.4	19.3	5	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

The Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Camille Bryant

Company Name: Nova Safety and Environmental

Company Address: 2057 Commerce

City/State/Zip: Midland, TX 79703

Telephone No: 432.520.7720 Fax No: 432.520.7701

Sampler Signature: Jonathan Reyna e-mail: cbryant@novatraining.cc

Project Name: SUG A-14 Compressor Station

Project #:

Project Loc: Lea County, New Mexico

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPI

(lab use only) ORDER #: 465108

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: / TOTAL: TPH: 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chloride E 300.0			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
	Baseline			6/14/2013	9:30		1	X								Soil	X								X			X			X	

Special Instructions:

Laboratory Comments:

Relinquished by: Jonathan Reyna	Date 6/14/13	Time 3:15	Received by:	Date	Time	Sample Containers Intact?	Y N
Relinquished by:	Date	Time	Received by:	Date	Time	VOCs Free of Headspace?	Y N
						Labels on container(s)	Y N
						Custody seals on container(s)	Y N
						Custody seals on cooler(s)	Y N
						Sample Hand Delivered	Y N
						by Sampler/Client Rep. ?	Y N
Relinquished by:	Date	Time	Received by ELOT: Shawn Smith	Date 6-14-13	Time 15:15	by Courier? UPS DHL FedEx Lone Star	
						Temperature Upon Receipt: 3.0 °C	

Final 1.000

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Date/ Time Received: 06/14/2013 03:15:00 PM

Work Order #: 465108

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

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	3
#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: Kelsey Brooks Date: 06/14/2013

Checklist reviewed by: Kelsey Brooks Date: 06/14/2013

Analytical Report 465234

for

Southern Union Gas Services- Monahans

Project Manager: Camille Bryant

SUG A-14 Compressor Station

20-JUN-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)

20-JUN-13

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

Reference: XENCO Report No(s): **465234**
SUG A-14 Compressor Station
Project Address: Lea County, New Mexico

Camille Bryant:

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) 465234. 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. 465234 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,

Kelsey Brooks
Project Manager

Sample Cross Reference 465234

Southern Union Gas Services- Monahans, Monahans, TX

SUG A-14 Compressor Station

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
BH-3 @ 3'	S	06-17-13 11:00		465234-001
WSW-1 @ 1'	S	06-17-13 12:30		465234-002
SSW-1 @ 1'	S	06-17-13 14:00		465234-003
ESW-1 @ 2'	S	06-17-13 15:15		465234-004

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 465234

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: SUG A-14 Compressor Station

Project Id:
Contact: Camille Bryant
Project Location: Lea County, New Mexico

Date Received in Lab: Tue Jun-18-13 01:40 pm
Report Date: 20-JUN-13
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	465234-001		465234-002		465234-003		465234-004					
	Field Id:	BH-3 @ 3'		WSW-1 @ 1'		SSW-1 @ 1'		ESW-1 @ 2'					
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL					
	Sampled:	Jun-17-13 11:00		Jun-17-13 12:30		Jun-17-13 14:00		Jun-17-13 15:15					
BTEX by EPA 8021B	***Extracted:***	Jun-20-13 08:30		Jun-20-13 08:30		Jun-20-13 08:30		Jun-20-13 08:30					
	Analyzed:	Jun-20-13 10:45		Jun-20-13 11:22		Jun-20-13 13:46		Jun-20-13 13:13					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Benzene		ND	0.00108	ND	0.00101	ND	0.00105	ND	0.00105				
Toluene		ND	0.00216	ND	0.00202	ND	0.00211	ND	0.00211				
Ethylbenzene		ND	0.00108	ND	0.00101	ND	0.00105	ND	0.00105				
m,p-Xylenes		ND	0.00216	ND	0.00202	ND	0.00211	ND	0.00211				
o-Xylene		ND	0.00108	ND	0.00101	ND	0.00105	ND	0.00105				
Total Xylenes		ND	0.00108	ND	0.00101	ND	0.00105	ND	0.00105				
Total BTEX		ND	0.00108	ND	0.00101	ND	0.00105	ND	0.00105				
Inorganic Anions by EPA 300/300.1	***Extracted:***	Jun-20-13 10:00		Jun-20-13 10:00		Jun-20-13 10:00		Jun-20-13 10:00					
	Analyzed:	Jun-20-13 14:07		Jun-20-13 14:29		Jun-20-13 15:07		Jun-20-13 16:12					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Chloride		705	20.0	6620	100	766	20.0	628	20.0				
Percent Moisture	***Extracted:***												
	Analyzed:	Jun-18-13 15:50		Jun-18-13 15:50		Jun-18-13 15:50		Jun-18-13 15:50					
	Units/RL:	%	RL	%	RL	%	RL	%	RL				
Percent Moisture		7.28	1.00	1.78	1.00	5.01	1.00	5.72	1.00				
TPH By SW8015 Mod	***Extracted:***	Jun-19-13 15:30		Jun-19-13 15:30		Jun-19-13 15:30		Jun-19-13 15:30					
	Analyzed:	Jun-20-13 05:59		Jun-20-13 06:25		Jun-20-13 06:51		Jun-20-13 09:50					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		ND	16.1	ND	15.2	ND	15.8	ND	15.9				
C12-C28 Diesel Range Hydrocarbons		121	16.1	186	15.2	ND	15.8	ND	15.9				
C28-C35 Oil Range Hydrocarbons		ND	16.1	34.0	15.2	ND	15.8	ND	15.9				
Total TPH		121	16.1	220	15.2	ND	15.8	ND	15.9				

Kelsey Brooks
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 quantiation 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

Form 2 - Surrogate Recoveries

Project Name: SUG A-14 Compressor Station

Work Orders : 465234,

Project ID:

Lab Batch #: 916634 **Sample:** 465234-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 05:59

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	91.3	99.7	92	70-135	
o-Terphenyl	48.6	49.9	97	70-135	

Lab Batch #: 916634 **Sample:** 465234-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 06:25

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	103	99.5	104	70-135	
o-Terphenyl	53.4	49.8	107	70-135	

Lab Batch #: 916634 **Sample:** 465234-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 06:51

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	101	100	101	70-135	
o-Terphenyl	53.2	50.0	106	70-135	

Lab Batch #: 916634 **Sample:** 465234-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 09:50

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.8	99.8	99	70-135	
o-Terphenyl	51.2	49.9	103	70-135	

Lab Batch #: 916711 **Sample:** 465234-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 10:45

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY 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	0.0289	0.0300	96	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: SUG A-14 Compressor Station

Work Orders : 465234,

Project ID:

Lab Batch #: 916711 **Sample:** 465234-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 11:22

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0245	0.0300	82	80-120	
4-Bromofluorobenzene	0.0297	0.0300	99	80-120	

Lab Batch #: 916711 **Sample:** 465234-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 13:13

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0258	0.0300	86	80-120	
4-Bromofluorobenzene	0.0287	0.0300	96	80-120	

Lab Batch #: 916711 **Sample:** 465234-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 13:46

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0306	0.0300	102	80-120	
4-Bromofluorobenzene	0.0316	0.0300	105	80-120	

Lab Batch #: 916634 **Sample:** 639939-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/20/13 05:33

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	108	99.5	109	70-135	
o-Terphenyl	56.7	49.8	114	70-135	

Lab Batch #: 916711 **Sample:** 639983-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/20/13 10:06

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0299	0.0300	100	80-120	
4-Bromofluorobenzene	0.0317	0.0300	106	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: SUG A-14 Compressor Station

Work Orders : 465234,

Project ID:

Lab Batch #: 916634 **Sample:** 639939-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/20/13 04:42

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.9	99.7	94	70-135	
o-Terphenyl	58.0	49.9	116	70-135	

Lab Batch #: 916711 **Sample:** 639983-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/20/13 09:33

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY 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	0.0306	0.0300	102	80-120	

Lab Batch #: 916634 **Sample:** 639939-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/20/13 05:07

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	104	99.9	104	70-135	
o-Terphenyl	58.3	50.0	117	70-135	

Lab Batch #: 916711 **Sample:** 639983-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/20/13 09:50

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0346	0.0300	115	80-120	
4-Bromofluorobenzene	0.0300	0.0300	100	80-120	

Lab Batch #: 916634 **Sample:** 465234-003 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 07:17

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	99.7	106	70-135	
o-Terphenyl	55.5	49.9	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: SUG A-14 Compressor Station

Work Orders : 465234,

Project ID:

Lab Batch #: 916711 **Sample:** 465234-003 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 12:14

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0330	0.0300	110	80-120	
4-Bromofluorobenzene	0.0338	0.0300	113	80-120	

Lab Batch #: 916634 **Sample:** 465234-003 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 07:42

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	100	106	70-135	
o-Terphenyl	58.2	50.2	116	70-135	

Lab Batch #: 916711 **Sample:** 465234-003 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 12:30

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0340	0.0300	113	80-120	
4-Bromofluorobenzene	0.0332	0.0300	111	80-120	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

BS / BSD Recoveries

Project Name: SUG A-14 Compressor Station

Work Order #: 465234 **Project ID:**

Analyst: DYV **Date Prepared:** 06/20/2013 **Date Analyzed:** 06/20/2013

Lab Batch ID: 916711 **Sample:** 639983-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B 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	<0.000998	0.0998	0.115	115	0.100	0.105	105	9	70-130	35	
Toluene	<0.00200	0.0998	0.117	117	0.100	0.104	104	12	70-130	35	
Ethylbenzene	<0.000998	0.0998	0.117	117	0.100	0.118	118	1	71-129	35	
m,p-Xylenes	<0.00200	0.200	0.227	114	0.200	0.218	109	4	70-135	35	
o-Xylene	<0.000998	0.0998	0.106	106	0.100	0.112	112	6	71-133	35	

Analyst: AMB **Date Prepared:** 06/20/2013 **Date Analyzed:** 06/20/2013

Lab Batch ID: 916727 **Sample:** 639988-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 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	46.9	94	50.0	45.6	91	3	80-120	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: SUG A-14 Compressor Station

Work Order #: 465234 **Project ID:**

Analyst: DYV **Date Prepared:** 06/19/2013 **Date Analyzed:** 06/20/2013

Lab Batch ID: 916634 **Sample:** 639939-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod 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
C6-C12 Gasoline Range Hydrocarbons	<15.0	997	1120	112	999	1060	106	6	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	997	1150	115	999	1120	112	3	70-135	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS Recoveries

Project Name: SUG A-14 Compressor Station

Work Order #: 465234
Lab Batch #: 916727
Project ID:
Date Analyzed: 06/20/2013
Date Prepared: 06/20/2013
Analyst: AMB
QC- Sample ID: 465334-001 S
Batch #: 1
Matrix: Soil
Reporting Units: mg/kg

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	3.26	50.0	45.3	84	80-120	

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

BRL - Below Reporting Limit

Form 3 - MS / MSD Recoveries

Project Name: SUG A-14 Compressor Station

Work Order # : 465234 **Project ID:**

Lab Batch ID: 916711 **QC- Sample ID:** 465234-003 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 06/20/2013 **Date Prepared:** 06/20/2013 **Analyst:** DYV

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00106	0.106	0.102	96	0.105	0.0982	94	4	70-130	35	
Toluene	<0.00211	0.106	0.114	108	0.105	0.0955	91	18	70-130	35	
Ethylbenzene	<0.00106	0.106	0.110	104	0.105	0.0950	90	15	71-129	35	
m,p-Xylenes	<0.00211	0.211	0.202	96	0.209	0.171	82	17	70-135	35	
o-Xylene	<0.00106	0.106	0.0932	88	0.105	0.0898	86	4	71-133	35	

Lab Batch ID: 916634 **QC- Sample ID:** 465234-003 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 06/20/2013 **Date Prepared:** 06/19/2013 **Analyst:** DYV

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.7	1050	1130	108	1060	1150	108	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.7	1050	1210	115	1060	1250	118	3	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, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Sample Duplicate Recovery

Project Name: SUG A-14 Compressor Station

Work Order #: 465234

Lab Batch #: 916555 **Project ID:**

Date Analyzed: 06/18/2013 15:50 **Date Prepared:** 06/18/2013 **Analyst:** WRU

QC- Sample ID: 465234-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	7.28	7.22	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

The Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Camille Bryant

Company Name: Nova Safety and Environmental

Company Address: 2057 Commerce

City/State/Zip: Midland, TX 79703

Telephone No: 432.520.7720 Fax No: 432.520.7701

Sampler Signature:

e-mail: cbryant@novatraining.cc
jrepman@novatraining.cc

Project Name: SUG A-14 Compressor Station

Project #:

Project Loc: Lea County, New Mexico

PO #:

Report Format: [x] Standard [ ] TRRP [ ] NPI

(lab use only) ORDER #: 465234

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 8015B	TOTAL: TPH: 8015M	TPH: 418.1	TPH: TX 1005	TPH: TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chloride E 300.0			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
	BH-3 @ 3'	JR 6/17/13		6/12/2013	11:00		1	X								Soil	X										X			X				X
	WSW-1 @ 1'			6/12/2013	12:30		1	X								Soil	X										X			X				X
	SSW-1 @ 1'			6/12/2013	14:00		1	X								Soil	X										X			X				X
	ESW-1 @ 2'			6/12/2013	15:15		1	X								Soil	X										X			X				X

Special Instructions:

	Date	Time		Date	Time
Relinquished by:	6/18/13	13:40	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by ELOT:	6-18-13	13:40

Laboratory Comments:

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

Temperature Upon Receipt: 2.0 °C

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Date/ Time Received: 06/18/2013 01:40:00 PM

Work Order #: 465234

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

Temperature Measuring device used :

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

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

Analyst:	PH Device/Lot#:

Checklist completed by: Kelsey Brooks Date: 06/18/2013

Checklist reviewed by: Kelsey Brooks Date: 06/18/2013

Analytical Report 465234

for

Southern Union Gas Services- Monahans

Project Manager: Camille Bryant

SUG A-14 Compressor Station

20-JUN-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)

20-JUN-13

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

Reference: XENCO Report No(s): **465234**
SUG A-14 Compressor Station
Project Address: Lea County, New Mexico

Camille Bryant:

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) 465234. 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. 465234 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,

Kelsey Brooks
Project Manager

Sample Cross Reference 465234

Southern Union Gas Services- Monahans, Monahans, TX

SUG A-14 Compressor Station

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
BH-3 @ 3'	S	06-17-13 11:00		465234-001
WSW-1 @ 1'	S	06-17-13 12:30		465234-002
SSW-1 @ 1'	S	06-17-13 14:00		465234-003
ESW-1 @ 2'	S	06-17-13 15:15		465234-004

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 465234

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: SUG A-14 Compressor Station

Project Id:
Contact: Camille Bryant
Project Location: Lea County, New Mexico

Date Received in Lab: Tue Jun-18-13 01:40 pm
Report Date: 20-JUN-13
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	465234-001		465234-002		465234-003		465234-004					
	Field Id:	BH-3 @ 3'		WSW-1 @ 1'		SSW-1 @ 1'		ESW-1 @ 2'					
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL					
	Sampled:	Jun-17-13 11:00		Jun-17-13 12:30		Jun-17-13 14:00		Jun-17-13 15:15					
BTEX by EPA 8021B	***Extracted:***	Jun-20-13 08:30		Jun-20-13 08:30		Jun-20-13 08:30		Jun-20-13 08:30					
	Analyzed:	Jun-20-13 10:45		Jun-20-13 11:22		Jun-20-13 13:46		Jun-20-13 13:13					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Benzene		ND	0.00108	ND	0.00101	ND	0.00105	ND	0.00105				
Toluene		ND	0.00216	ND	0.00202	ND	0.00211	ND	0.00211				
Ethylbenzene		ND	0.00108	ND	0.00101	ND	0.00105	ND	0.00105				
m,p-Xylenes		ND	0.00216	ND	0.00202	ND	0.00211	ND	0.00211				
o-Xylene		ND	0.00108	ND	0.00101	ND	0.00105	ND	0.00105				
Total Xylenes		ND	0.00108	ND	0.00101	ND	0.00105	ND	0.00105				
Total BTEX		ND	0.00108	ND	0.00101	ND	0.00105	ND	0.00105				
Inorganic Anions by EPA 300/300.1	***Extracted:***	Jun-20-13 10:00		Jun-20-13 10:00		Jun-20-13 10:00		Jun-20-13 10:00					
	Analyzed:	Jun-20-13 14:07		Jun-20-13 14:29		Jun-20-13 15:07		Jun-20-13 16:12					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Chloride		705	20.0	420	20.0	766	20.0	628	20.0				
Percent Moisture	***Extracted:***												
	Analyzed:	Jun-18-13 15:50		Jun-18-13 15:50		Jun-18-13 15:50		Jun-18-13 15:50					
	Units/RL:	%	RL	%	RL	%	RL	%	RL				
Percent Moisture		7.28	1.00	1.78	1.00	5.01	1.00	5.72	1.00				
TPH By SW8015 Mod	***Extracted:***	Jun-19-13 15:30		Jun-19-13 15:30		Jun-19-13 15:30		Jun-19-13 15:30					
	Analyzed:	Jun-20-13 05:59		Jun-20-13 06:25		Jun-20-13 06:51		Jun-20-13 09:50					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		ND	16.1	ND	15.2	ND	15.8	ND	15.9				
C12-C28 Diesel Range Hydrocarbons		121	16.1	186	15.2	ND	15.8	ND	15.9				
C28-C35 Oil Range Hydrocarbons		ND	16.1	34.0	15.2	ND	15.8	ND	15.9				
Total TPH		121	16.1	220	15.2	ND	15.8	ND	15.9				

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 quantiation 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

Form 2 - Surrogate Recoveries

Project Name: SUG A-14 Compressor Station

Work Orders : 465234,

Project ID:

Lab Batch #: 916634 **Sample:** 465234-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 05:59

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	91.3	99.7	92	70-135	
o-Terphenyl	48.6	49.9	97	70-135	

Lab Batch #: 916634 **Sample:** 465234-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 06:25

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	103	99.5	104	70-135	
o-Terphenyl	53.4	49.8	107	70-135	

Lab Batch #: 916634 **Sample:** 465234-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 06:51

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	101	100	101	70-135	
o-Terphenyl	53.2	50.0	106	70-135	

Lab Batch #: 916634 **Sample:** 465234-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 09:50

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.8	99.8	99	70-135	
o-Terphenyl	51.2	49.9	103	70-135	

Lab Batch #: 916711 **Sample:** 465234-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 10:45

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY 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	0.0289	0.0300	96	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.

Version: 1.%

Form 2 - Surrogate Recoveries

Project Name: SUG A-14 Compressor Station

Work Orders : 465234,

Project ID:

Lab Batch #: 916711 **Sample:** 465234-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 11:22

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0245	0.0300	82	80-120	
4-Bromofluorobenzene	0.0297	0.0300	99	80-120	

Lab Batch #: 916711 **Sample:** 465234-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 13:13

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0258	0.0300	86	80-120	
4-Bromofluorobenzene	0.0287	0.0300	96	80-120	

Lab Batch #: 916711 **Sample:** 465234-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 13:46

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0306	0.0300	102	80-120	
4-Bromofluorobenzene	0.0316	0.0300	105	80-120	

Lab Batch #: 916634 **Sample:** 639939-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/20/13 05:33

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	108	99.5	109	70-135	
o-Terphenyl	56.7	49.8	114	70-135	

Lab Batch #: 916711 **Sample:** 639983-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/20/13 10:06

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0299	0.0300	100	80-120	
4-Bromofluorobenzene	0.0317	0.0300	106	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.

Version: 1.%

Form 2 - Surrogate Recoveries

Project Name: SUG A-14 Compressor Station

Work Orders : 465234, **Project ID:**

Lab Batch #: 916634 **Sample:** 639939-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/20/13 04:42

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.9	99.7	94	70-135	
o-Terphenyl	58.0	49.9	116	70-135	

Lab Batch #: 916711 **Sample:** 639983-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/20/13 09:33

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY 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	0.0306	0.0300	102	80-120	

Lab Batch #: 916634 **Sample:** 639939-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/20/13 05:07

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	104	99.9	104	70-135	
o-Terphenyl	58.3	50.0	117	70-135	

Lab Batch #: 916711 **Sample:** 639983-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/20/13 09:50

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0346	0.0300	115	80-120	
4-Bromofluorobenzene	0.0300	0.0300	100	80-120	

Lab Batch #: 916634 **Sample:** 465234-003 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 07:17

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	99.7	106	70-135	
o-Terphenyl	55.5	49.9	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.

Version: 1.%

Form 2 - Surrogate Recoveries

Project Name: SUG A-14 Compressor Station

Work Orders : 465234,

Project ID:

Lab Batch #: 916711 **Sample:** 465234-003 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 12:14

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0330	0.0300	110	80-120	
4-Bromofluorobenzene	0.0338	0.0300	113	80-120	

Lab Batch #: 916634 **Sample:** 465234-003 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 07:42

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	100	106	70-135	
o-Terphenyl	58.2	50.2	116	70-135	

Lab Batch #: 916711 **Sample:** 465234-003 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/20/13 12:30

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0340	0.0300	113	80-120	
4-Bromofluorobenzene	0.0332	0.0300	111	80-120	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Version: 1.%

BS / BSD Recoveries

Project Name: SUG A-14 Compressor Station

Work Order #: 465234 **Project ID:**

Analyst: DYV **Date Prepared:** 06/20/2013 **Date Analyzed:** 06/20/2013

Lab Batch ID: 916711 **Sample:** 639983-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B 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	<0.000998	0.0998	0.115	115	0.100	0.105	105	9	70-130	35	
Toluene	<0.00200	0.0998	0.117	117	0.100	0.104	104	12	70-130	35	
Ethylbenzene	<0.000998	0.0998	0.117	117	0.100	0.118	118	1	71-129	35	
m,p-Xylenes	<0.00200	0.200	0.227	114	0.200	0.218	109	4	70-135	35	
o-Xylene	<0.000998	0.0998	0.106	106	0.100	0.112	112	6	71-133	35	

Analyst: AMB **Date Prepared:** 06/20/2013 **Date Analyzed:** 06/20/2013

Lab Batch ID: 916727 **Sample:** 639988-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 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	46.9	94	50.0	45.6	91	3	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

Version: 1.%

BS / BSD Recoveries

Project Name: SUG A-14 Compressor Station

Work Order #: 465234
Analyst: DYV
Date Prepared: 06/19/2013
Project ID:
Date Analyzed: 06/20/2013
Lab Batch ID: 916634
Sample: 639939-1-BKS
Batch #: 1
Matrix: Solid
Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod 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
C6-C12 Gasoline Range Hydrocarbons	<15.0	997	1120	112	999	1060	106	6	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	997	1150	115	999	1120	112	3	70-135	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Version: 1.%

Form 3 - MS Recoveries

Project Name: SUG A-14 Compressor Station

Work Order #: 465234
Lab Batch #: 916727
Project ID:
Date Analyzed: 06/20/2013
Date Prepared: 06/20/2013
Analyst: AMB
QC- Sample ID: 465334-001 S
Batch #: 1
Matrix: Soil
Reporting Units: mg/kg

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	3.26	50.0	45.3	84	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

Version: 1.%

Form 3 - MS / MSD Recoveries

Project Name: SUG A-14 Compressor Station

Work Order # : 465234 **Project ID:**

Lab Batch ID: 916711 **QC- Sample ID:** 465234-003 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 06/20/2013 **Date Prepared:** 06/20/2013 **Analyst:** DYV

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00106	0.106	0.102	96	0.105	0.0982	94	4	70-130	35	
Toluene	<0.00211	0.106	0.114	108	0.105	0.0955	91	18	70-130	35	
Ethylbenzene	<0.00106	0.106	0.110	104	0.105	0.0950	90	15	71-129	35	
m,p-Xylenes	<0.00211	0.211	0.202	96	0.209	0.171	82	17	70-135	35	
o-Xylene	<0.00106	0.106	0.0932	88	0.105	0.0898	86	4	71-133	35	

Lab Batch ID: 916634 **QC- Sample ID:** 465234-003 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 06/20/2013 **Date Prepared:** 06/19/2013 **Analyst:** DYV

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.7	1050	1130	108	1060	1150	108	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.7	1050	1210	115	1060	1250	118	3	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, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Sample Duplicate Recovery

Project Name: SUG A-14 Compressor Station

Work Order #: 465234

Lab Batch #: 916555 **Project ID:**

Date Analyzed: 06/18/2013 15:50 **Date Prepared:** 06/18/2013 **Analyst:** WRU

QC- Sample ID: 465234-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	7.28	7.22	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

Version: 1.%

Xenco Laboratories

The Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Camille Bryant

Company Name: Nova Safety and Environmental

Company Address: 2057 Commerce

City/State/Zip: Midland, TX 79703

Telephone No: 432.520.7720 Fax No: 432.520.7701

Sampler Signature:

e-mail: cbryant@novatraining.cc
jrepman@novatraining.cc

Project Name: SUG A-14 Compressor Station

Project #:

Project Loc: Lea County, New Mexico

PO #:

Report Format: [x] Standard [ ] TRRP [ ] NPI

(lab use only) ORDER #: 465234

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 8015B	TOTAL: TPH: 8015M	TPH: TX 1005	TPH: TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chloride E 300.0			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
	BH-3 @ 3'	JR 6/17/13		~~6/12/2013~~	11:00		1	X								Soil	X									X			X				X
	WSW-1 @ 1'			~~6/12/2013~~	12:30		1	X								Soil	X									X			X				X
	SSW-1 @ 1'			~~6/12/2013~~	14:00		1	X								Soil	X									X			X				X
	ESW-1 @ 2'			~~6/12/2013~~	15:15		1	X								Soil	X									X			X				X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
	6/18/13	13:40			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
				6-18-13	13:40

Laboratory Comments:

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

Temperature Upon Receipt: 2.0 °C

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Date/ Time Received: 06/18/2013 01:40:00 PM

Work Order #: 465234

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

Temperature Measuring device used :

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

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

Analyst:	PH Device/Lot#:

Checklist completed by: Kelsey Brooks Date: 06/18/2013

Checklist reviewed by: Kelsey Brooks Date: 06/18/2013

Analytical Report 465409

for

Southern Union Gas Services- Monahans

Project Manager: Camille Bryant

SUG A-14 Compressor Station

21-JUN-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-JUN-13

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

Reference: XENCO Report No(s): **465409**
SUG A-14 Compressor Station
Project Address: Lea County, New Mexico

Camille Bryant:

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) 465409. 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. 465409 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,

Kelsey Brooks
Project Manager

Sample Cross Reference 465409

Southern Union Gas Services- Monahans, Monahans, TX

SUG A-14 Compressor Station

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
WSW-1A @ 2'	S	06-19-13 12:00		465409-001
ESW-1A @2'	S	06-19-13 14:00		465409-002

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-916793 Inorganic Anions by EPA 300/300.1
E300

Batch 916793, Chloride recovered above QC limits in the Matrix Spike.
Samples affected are: 465409-001, -002.
The Laboratory Control Sample for Chloride is within laboratory Control Limits

Certificate of Analysis Summary 465409

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: SUG A-14 Compressor Station

Project Id:
Contact: Camille Bryant
Project Location: Lea County, New Mexico

Date Received in Lab: Thu Jun-20-13 02:45 pm
Report Date: 21-JUN-13
Project Manager: Kelsey Brooks

Analysis Requested								
	Lab Id:	465409-001		465409-002				
	Field Id:	WSW-1A @ 2'		ESW-1A @2'				
	Depth:							
	Matrix:	SOIL		SOIL				
	Sampled:	Jun-19-13 12:00		Jun-19-13 14:00				
Inorganic Anions by EPA 300/300.1	***Extracted:***	Jun-21-13 06:00		Jun-21-13 06:00				
	Analyzed:	Jun-21-13 09:12		Jun-21-13 09:55				
	Units/RL:	mg/kg	RL	mg/kg	RL			
Chloride		19.6	3.00	9.53	4.00			
Percent Moisture	***Extracted:***							
	Analyzed:	Jun-20-13 15:55		Jun-20-13 15:55				
	Units/RL:	%	RL	%	RL			
Percent Moisture		6.35	1.00	8.98	1.00			

Kelsey Brooks
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 quantiation 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

BS / BSD Recoveries

Project Name: SUG A-14 Compressor Station

Work Order #: 465409 **Project ID:**

Analyst: AMB **Date Prepared:** 06/21/2013 **Date Analyzed:** 06/21/2013

Lab Batch ID: 916793 **Sample:** 640041-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 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	46.6	93	50.0	45.9	92	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

Form 3 - MS Recoveries

Project Name: SUG A-14 Compressor Station

Work Order #: 465409
Lab Batch #: 916793
Project ID:
Date Analyzed: 06/21/2013
Date Prepared: 06/21/2013
Analyst: AMB
QC- Sample ID: 465409-001 S
Batch #: 1
Matrix: Soil
Reporting Units: mg/kg

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	19.6	75.0	84.6	87	80-120	

Lab Batch #: 916793
Date Analyzed: 06/21/2013
Date Prepared: 06/21/2013
Analyst: AMB
QC- Sample ID: 465423-009 S
Batch #: 1
Matrix: Soil
Reporting Units: mg/kg

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	7230	5000	13500	125	80-120	X

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

BRL - Below Reporting Limit

Sample Duplicate Recovery

Project Name: SUG A-14 Compressor Station

Work Order #: 465409

Lab Batch #: 916757 **Project ID:**

Date Analyzed: 06/20/2013 15:55 **Date Prepared:** 06/20/2013 **Analyst:** WRU

QC- Sample ID: 465409-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	6.35	6.18	3	20	

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

BRL - Below Reporting Limit

Xenco Laboratories

The Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Camille Bryant

Company Name: Nova Safety and Environmental

Company Address: 2057 Commerce

City/State/Zip: Midland, TX 79703

Telephone No: 432.520.7720 Fax No: 432.520.7701

Sampler Signature: Jonathan Repman for Albert Cardea

e-mail: cbryant@novatraining.cc; jrepman@novatraining.cc

Project Name: SUG A-14 Compressor Station

Project #:

Project Loc: Lea County, New Mexico

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPI

(lab use only) ORDER #: 465409

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 8015M 8015B	TOTAL: TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chloride E 300.0			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
	WSW-1A @ 2'			6/19/2013	12:00		1	X								Soil											X			X	X
	ESW-1A @ 2'			6/19/2013	14:00		1	X								Soil											X			X	X

Special Instructions:

	Date	Time		Date	Time
Relinquished by: Jonathan Repman	6/20/13	14:45	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by ELOT: Shawnee Jones	6-20-13	14:45

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 2.0 °C

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Date/ Time Received: 06/20/2013 02:45:00 PM

Work Order #: 465409

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

Temperature Measuring device used :

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

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

Analyst:	PH Device/Lot#:

Checklist completed by: Kelsey Brooks Date: 06/20/2013

Checklist reviewed by: Kelsey Brooks Date: 06/20/2013

Analytical Report 465904

for

Southern Union Gas Services- Monahans

Project Manager: Camille Bryant

SUG A-14 Compressor Station (Slug Overflow)

01-JUL-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)

01-JUL-13

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

Reference: XENCO Report No(s): **465904**
SUG A-14 Compressor Station (Slug Overflow)
Project Address: Lea County, New Mexico

Camille Bryant:

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) 465904. 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. 465904 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,

Kelsey Brooks
Project Manager

Sample Cross Reference 465904

Southern Union Gas Services- Monahans, Monahans, TX

SUG A-14 Compressor Station (Slug Overflow)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Containment NW-1@2'	S	06-26-13 13:15		465904-001

CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans

Project Name: SUG A-14 Compressor Station (Slug Overflow)

Project ID:
Work Order Number(s): *465904*

Report Date: *01-JUL-13*
Date Received: *06/28/2013*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 465904

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: SUG A-14 Compressor Station (Slug Overflow)

Project Id:
Contact: Camille Bryant
Project Location: Lea County, New Mexico

Date Received in Lab: Fri Jun-28-13 08:40 am
Report Date: 01-JUL-13
Project Manager: Kelsey Brooks

Analysis Requested							
	Lab Id:	465904-001					
	Field Id:	Containment NW-1@2'					
	Depth:						
	Matrix:	SOIL					
	Sampled:	Jun-26-13 13:15					
BTEX by EPA 8021B	***Extracted:***	Jul-01-13 08:00					
	Analyzed:	Jul-01-13 12:12					
	Units/RL:	mg/kg	RL				
Benzene		ND	0.00109				
Toluene		0.0100	0.00219				
Ethylbenzene		0.0139	0.00109				
m,p-Xylenes		0.0517	0.00219				
o-Xylene		0.0439	0.00109				
Total Xylenes		0.0956	0.00109				
Total BTEX		0.120	0.00109				
Inorganic Anions by EPA 300/300.1	***Extracted:***	Jun-28-13 11:00					
	Analyzed:	Jun-29-13 14:36					
	Units/RL:	mg/kg	RL				
Chloride		613	40.0				
Percent Moisture	***Extracted:***						
	Analyzed:	Jul-01-13 09:00					
	Units/RL:	%	RL				
Percent Moisture		9.16	1.00				
TPH By SW8015 Mod	***Extracted:***	Jun-28-13 11:30					
	Analyzed:	Jun-29-13 01:48					
	Units/RL:	mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		1360	16.5				
C12-C28 Diesel Range Hydrocarbons		5190	16.5				
C28-C35 Oil Range Hydrocarbons		336	16.5				
Total TPH		6890	16.5				

Kelsey Brooks
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 quantiation 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

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

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

	Phone	Fax
4143 Greenbriar Dr, Stafford, TX 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
2505 North Falkenburg Rd, Tampa, FL 33619	(813) 620-2000	(813) 620-2033
12600 West I-20 East, Odessa, TX 79765	(432) 563-1800	(432) 563-1713
6017 Financial Drive, Norcross, GA 30071	(770) 449-8800	(770) 449-5477
3725 E. Atlanta Ave, Phoenix, AZ 85040	(602) 437-0330	

Form 2 - Surrogate Recoveries

Project Name: SUG A-14 Compressor Station (Slug Overflow)

Work Orders : 465904, 465904 **Project ID:**

Lab Batch #: 917464 **Sample:** 465904-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 06/29/13 01:48

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	100	106	70-135	
o-Terphenyl	55.9	50.1	112	70-135	

Lab Batch #: 917475 **Sample:** 465904-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 07/01/13 12:12

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0341	0.0300	114	80-120	
4-Bromofluorobenzene	0.0259	0.0300	86	80-120	

Lab Batch #: 917464 **Sample:** 640440-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/29/13 01:23

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.6	100	94	70-135	
o-Terphenyl	55.5	50.1	111	70-135	

Lab Batch #: 917475 **Sample:** 640494-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 07/01/13 09:33

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0359	0.0300	120	80-120	
4-Bromofluorobenzene	0.0241	0.0300	80	80-120	

Lab Batch #: 917464 **Sample:** 640440-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/29/13 00:33

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.9	99.7	98	70-135	
o-Terphenyl	60.2	49.9	121	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: SUG A-14 Compressor Station (Slug Overflow)

Work Orders : 465904, 465904 **Project ID:**

Lab Batch #: 917475 **Sample:** 640494-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 07/01/13 08:45

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0306	0.0300	102	80-120	
4-Bromofluorobenzene	0.0247	0.0300	82	80-120	

Lab Batch #: 917464 **Sample:** 640440-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 06/29/13 00:59

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.4	99.9	94	70-135	
o-Terphenyl	58.7	50.0	117	70-135	

Lab Batch #: 917475 **Sample:** 640494-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 07/01/13 09:01

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0319	0.0300	106	80-120	
4-Bromofluorobenzene	0.0246	0.0300	82	80-120	

Lab Batch #: 917464 **Sample:** 465868-003 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 07/01/13 10:27

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.8	99.5	94	70-135	
o-Terphenyl	55.3	49.8	111	70-135	

Lab Batch #: 917475 **Sample:** 465914-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 07/01/13 12:28

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0354	0.0300	118	80-120	
4-Bromofluorobenzene	0.0277	0.0300	92	80-120	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: SUG A-14 Compressor Station (Slug Overflow)

Work Orders : 465904, 465904 **Project ID:**

Lab Batch #: 917464 **Sample:** 465868-003 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 07/01/13 10:52

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.1	99.6	94	70-135	
o-Terphenyl	56.2	49.8	113	70-135	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

BS / BSD Recoveries

Project Name: SUG A-14 Compressor Station (Slug Overflow)

Work Order #: 465904, 465904 **Project ID:**

Analyst: DYV **Date Prepared:** 07/01/2013 **Date Analyzed:** 07/01/2013

Lab Batch ID: 917475 **Sample:** 640494-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B 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	<0.000998	0.0998	0.119	119	0.0996	0.119	119	0	70-130	35	
Toluene	<0.00200	0.0998	0.101	101	0.0996	0.0982	99	3	70-130	35	
Ethylbenzene	<0.000998	0.0998	0.0831	83	0.0996	0.0815	82	2	71-129	35	
m,p-Xylenes	<0.00200	0.200	0.165	83	0.199	0.161	81	2	70-135	35	
o-Xylene	<0.000998	0.0998	0.0833	83	0.0996	0.0819	82	2	71-133	35	

Analyst: AMB **Date Prepared:** 06/28/2013 **Date Analyzed:** 06/29/2013

Lab Batch ID: 917467 **Sample:** 640490-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 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	45.8	92	50.0	45.2	90	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

BS / BSD Recoveries

Project Name: SUG A-14 Compressor Station (Slug Overflow)

Work Order #: 465904, 465904 **Project ID:**

Analyst: DYV **Date Prepared:** 06/28/2013 **Date Analyzed:** 06/29/2013

Lab Batch ID: 917464 **Sample:** 640440-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod 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
C6-C12 Gasoline Range Hydrocarbons	<15.0	997	897	90	999	915	92	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	997	1040	104	999	1030	103	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: SUG A-14 Compressor Station (Slug Overflow)

Work Order #: 465904

Lab Batch #: 917475 **Project ID:**

Date Analyzed: 07/01/2013 **Date Prepared:** 07/01/2013 **Analyst:** DYV

QC- Sample ID: 465914-001 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

MATRIX / MATRIX SPIKE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Benzene	<0.000998	0.0998	0.119	119	70-130	
Toluene	<0.00200	0.0998	0.0949	95	70-130	
Ethylbenzene	<0.000998	0.0998	0.0829	83	71-129	
m,p-Xylenes	<0.00200	0.200	0.162	81	70-135	
o-Xylene	<0.000998	0.0998	0.0806	81	71-133	

Lab Batch #: 917467

Date Analyzed: 06/29/2013 **Date Prepared:** 06/28/2013 **Analyst:** AMB

QC- Sample ID: 465904-001 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

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	613	1000	1680	107	80-120	

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

BRL - Below Reporting Limit

Form 3 - MS / MSD Recoveries

Project Name: SUG A-14 Compressor Station (Slug Overflow)

Work Order # : 465904 **Project ID:**

Lab Batch ID: 917464 **QC- Sample ID:** 465868-003 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 07/01/2013 **Date Prepared:** 06/28/2013 **Analyst:** DYV

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<17.1	1140	1000	88	1140	975	86	3	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<17.1	1140	1180	104	1140	1160	102	2	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

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

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, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Sample Duplicate Recovery

Project Name: SUG A-14 Compressor Station (Slug Overflow)

Work Order #: 465904

Lab Batch #: 917457 **Project ID:**

Date Analyzed: 07/01/2013 09:00 **Date Prepared:** 07/01/2013 **Analyst:** KEB

QC- Sample ID: 465904-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	9.16	8.96	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

Certificate of Analysis Summary 556210

TRC Solutions, Inc, Midland, TX

Project Name: A-14 Compressor Station Slug Overflow

Project Id: TRC #274128
Contact: Nikki Green
Project Location: Lea County, NM

Date Received in Lab: Fri Jun-23-17 03:53 pm
Report Date: 28-JUN-17
Project Manager: Kelsey Brooks

Analysis Requested									
	Lab Id:	556210-001		556210-002		556210-003			
	Field Id:	WSW-1a @ 2'		Containment EWa @ 2'		Containment NWa @ 2'			
	Depth:	2- ft		2- ft		2- ft			
	Matrix:	SOIL		SOIL		SOIL			
	Sampled:	Jun-19-17 14:00		Jun-19-17 14:10		Jun-20-17 11:30			
BTEX by EPA 8021B	***Extracted:***	Jun-27-17 15:00		Jun-27-17 15:00		Jun-27-17 15:00			
	Analyzed:	Jun-28-17 01:05		Jun-28-17 01:22		Jun-28-17 01:38			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Benzene		<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200		
Toluene		<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200		
Ethylbenzene		<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200		
m,p-Xylenes		<0.00398	0.00398	<0.00396	0.00396	<0.00401	0.00401		
o-Xylene		<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200		
Total Xylenes		<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200		
Total BTEX		<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200		
Chloride by EPA 300	***Extracted:***	Jun-27-17 13:50		Jun-27-17 16:15		Jun-28-17 08:30			
	Analyzed:	Jun-28-17 00:33		Jun-28-17 01:19		Jun-28-17 11:07			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Chloride		90.2	4.99	421	4.98	61.9	4.97		
TPH by SW8015 Mod	***Extracted:***	Jun-27-17 18:00		Jun-27-17 18:00		Jun-27-17 18:00			
	Analyzed:	Jun-28-17 03:06		Jun-28-17 09:31		Jun-28-17 04:32			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons		<15.0	15.0	<15.0	15.0	<15.0	15.0		
Diesel Range Organics		<15.0	15.0	559	15.0	747	15.0		
Oil Range Hydrocarbons		<15.0	15.0	162	15.0	142	15.0		
Total TPH		<15.0	15.0	721	15.0	889	15.0		

Kelsey Brooks
Project Manager

Analytical Report 556210

for

TRC Solutions, Inc

Project Manager: Nikki Green

A-14 Compressor Station Slug Overflow

TRC #274128

28-JUN-17

Collected By: Client

1211 W. Florida Ave, Midland TX 79701

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
Oklahoma (9218)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400)
Xenco-San Antonio: Texas (T104704534)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

28-JUN-17

Project Manager: **Nikki Green**
TRC Solutions, Inc
2057 Commerce
Midland, TX 79703

Reference: XENCO Report No(s): **556210**
A-14 Compressor Station Slug Overflow
Project Address: Lea County, NM

Nikki Green:

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) 556210. 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. 556210 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,

Kelsey Brooks
Project Manager

Sample Cross Reference 556210

TRC Solutions, Inc, Midland, TX

A-14 Compressor Station Slug Overflow

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
WSW-1a @ 2'	S	06-19-17 14:00	2 ft	556210-001
Containment EWa @ 2'	S	06-19-17 14:10	2 ft	556210-002
Containment NWa @ 2'	S	06-20-17 11:30	2 ft	556210-003

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3020931 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Certificate of Analytical Results 556210

TRC Solutions, Inc, Midland, TX

A-14 Compressor Station Slug Overflow

Sample Id:	**WSW-1a @ 2'**	Matrix:	Soil	Date Received:	06.23.17 15.53
Lab Sample Id:	556210-001	Date Collected:	06.19.17 14.00	Sample Depth:	2 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	MGO			% Moisture:	
Analyst:	MGO	Date Prep:	06.27.17 13.50	Basis:	Wet Weight
Seq Number:	3020947				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**90.2**	4.99	mg/kg	06.28.17 00.33		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	TX1005P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	06.27.17 18.00	Basis:	Wet Weight
Seq Number:	3020944				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons	PHC610	<15.0	15.0	mg/kg	06.28.17 03.06	U	1
Diesel Range Organics	C10C28DRO	<15.0	15.0	mg/kg	06.28.17 03.06	U	1
Oil Range Hydrocarbons	PHCG2835	<15.0	15.0	mg/kg	06.28.17 03.06	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	06.28.17 03.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-135	06.28.17 03.06	
o-Terphenyl	84-15-1	103	%	70-135	06.28.17 03.06	

Certificate of Analytical Results 556210

TRC Solutions, Inc, Midland, TX

A-14 Compressor Station Slug Overflow

Sample Id:	**WSW-1a @ 2'**	Matrix:	Soil	Date Received:	06.23.17 15.53
Lab Sample Id:	556210-001	Date Collected:	06.19.17 14.00	Sample Depth:	2 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	ALJ			% Moisture:	
Analyst:	ALJ	Date Prep:	06.27.17 15.00	Basis:	Wet Weight
Seq Number:	3020931				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	06.28.17 01.05	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	06.28.17 01.05	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	06.28.17 01.05	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	06.28.17 01.05	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	06.28.17 01.05	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	06.28.17 01.05	U	1
Total BTEX		<0.00199	0.00199	mg/kg	06.28.17 01.05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	80-120	06.28.17 01.05	
4-Bromofluorobenzene	460-00-4	92	%	80-120	06.28.17 01.05	

Certificate of Analytical Results 556210

TRC Solutions, Inc, Midland, TX

A-14 Compressor Station Slug Overflow

Sample Id:	**Containment EWa @ 2'**	Matrix:	Soil	Date Received:	06.23.17 15.53
Lab Sample Id:	556210-002	Date Collected:	06.19.17 14.10	Sample Depth:	2 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	MGO			% Moisture:	
Analyst:	MGO	Date Prep:	06.27.17 16.15	Basis:	Wet Weight
Seq Number:	3020953				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**421**	4.98	mg/kg	06.28.17 01.19		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	TX1005P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	06.27.17 18.00	Basis:	Wet Weight
Seq Number:	3020944				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons	PHC610	<15.0	15.0	mg/kg	06.28.17 09.31	U	1
Diesel Range Organics	C10C28DRO	**559**	15.0	mg/kg	06.28.17 09.31		1
Oil Range Hydrocarbons	PHCG2835	**162**	15.0	mg/kg	06.28.17 09.31		1
Total TPH	PHC635	**721**	15.0	mg/kg	06.28.17 09.31		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-135	06.28.17 09.31	
o-Terphenyl	84-15-1	109	%	70-135	06.28.17 09.31	

Certificate of Analytical Results 556210

TRC Solutions, Inc, Midland, TX

A-14 Compressor Station Slug Overflow

Sample Id:	**Containment EWa @ 2'**	Matrix:	Soil	Date Received:	06.23.17 15.53
Lab Sample Id:	556210-002	Date Collected:	06.19.17 14.10	Sample Depth:	2 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	ALJ			% Moisture:	
Analyst:	ALJ	Date Prep:	06.27.17 15.00	Basis:	Wet Weight
Seq Number:	3020931				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	06.28.17 01.22	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	06.28.17 01.22	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	06.28.17 01.22	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	06.28.17 01.22	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	06.28.17 01.22	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	06.28.17 01.22	U	1
Total BTEX		<0.00198	0.00198	mg/kg	06.28.17 01.22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	100	%	80-120	06.28.17 01.22	
1,4-Difluorobenzene	540-36-3	100	%	80-120	06.28.17 01.22	

Certificate of Analytical Results 556210

TRC Solutions, Inc, Midland, TX

A-14 Compressor Station Slug Overflow

Sample Id:	**Containment NWa @ 2'**	Matrix:	Soil	Date Received:	06.23.17 15.53
Lab Sample Id:	556210-003	Date Collected:	06.20.17 11.30	Sample Depth:	2 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	MGO			% Moisture:	
Analyst:	MGO	Date Prep:	06.28.17 08.30	Basis:	Wet Weight
Seq Number:	3020953				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**61.9**	4.97	mg/kg	06.28.17 11.07		1

Analytical Method:	TPH by SW8015 Mod			Prep Method:	TX1005P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	06.27.17 18.00	Basis:	Wet Weight
Seq Number:	3020944				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons	PHC610	<15.0	15.0	mg/kg	06.28.17 04.32	U	1
Diesel Range Organics	C10C28DRO	**747**	15.0	mg/kg	06.28.17 04.32		1
Oil Range Hydrocarbons	PHCG2835	**142**	15.0	mg/kg	06.28.17 04.32		1
Total TPH	PHC635	**889**	15.0	mg/kg	06.28.17 04.32		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-135	06.28.17 04.32	
o-Terphenyl	84-15-1	101	%	70-135	06.28.17 04.32	

Certificate of Analytical Results 556210

TRC Solutions, Inc, Midland, TX

A-14 Compressor Station Slug Overflow

Sample Id:	**Containment NWa @ 2'**	Matrix:	Soil	Date Received:	06.23.17 15.53
Lab Sample Id:	556210-003	Date Collected:	06.20.17 11.30	Sample Depth:	2 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	ALJ			% Moisture:	
Analyst:	ALJ	Date Prep:	06.27.17 15.00	Basis:	Wet Weight
Seq Number:	3020931				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	06.28.17 01.38	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	06.28.17 01.38	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	06.28.17 01.38	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	06.28.17 01.38	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	06.28.17 01.38	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	06.28.17 01.38	U	1
Total BTEX		<0.00200	0.00200	mg/kg	06.28.17 01.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	80-120	06.28.17 01.38	
1,4-Difluorobenzene	540-36-3	102	%	80-120	06.28.17 01.38	

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

	Phone	Fax
4147 Greenbriar Dr, Stafford, TX 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
1211 W Florida Ave, Midland, TX 79701	(432) 563-1800	(432) 563-1713
2525 W. Huntington Dr. - Suite 102, Tempe AZ 85282	(602) 437-0330	

QC Summary 556210

TRC Solutions, Inc

A-14 Compressor Station Slug Overflow

Analytical Method: **Chloride by EPA 300** Prep Method: E300P
Seq Number: 3020947 Matrix: Solid Date Prep: 06.27.17
MB Sample Id: 726861-1-BLK LCS Sample Id: 726861-1-BKS LCSD Sample Id: 726861-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	249	100	240	96	90-110	4	20	mg/kg	06.27.17 20:53	

Analytical Method: **Chloride by EPA 300** Prep Method: E300P
Seq Number: 3020953 Matrix: Solid Date Prep: 06.27.17
MB Sample Id: 726863-1-BLK LCS Sample Id: 726863-1-BKS LCSD Sample Id: 726863-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	245	98	251	100	90-110	2	20	mg/kg	06.28.17 01:04	

Analytical Method: **Chloride by EPA 300** Prep Method: E300P
Seq Number: 3020947 Matrix: Soil Date Prep: 06.27.17
Parent Sample Id: 555795-008 MS Sample Id: 555795-008 S MSD Sample Id: 555795-008 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	9.20	246	253	99	254	100	90-110	0	20	mg/kg	06.27.17 21:16	

Analytical Method: **Chloride by EPA 300** Prep Method: E300P
Seq Number: 3020947 Matrix: Soil Date Prep: 06.27.17
Parent Sample Id: 556209-002 MS Sample Id: 556209-002 S MSD Sample Id: 556209-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	36.3	250	289	101	290	101	90-110	0	20	mg/kg	06.27.17 23:02	

Analytical Method: **Chloride by EPA 300** Prep Method: E300P
Seq Number: 3020953 Matrix: Soil Date Prep: 06.27.17
Parent Sample Id: 556210-002 MS Sample Id: 556210-002 S MSD Sample Id: 556210-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	421	249	667	99	657	95	90-110	2	20	mg/kg	06.28.17 01:27	

Analytical Method: **Chloride by EPA 300** Prep Method: E300P
Seq Number: 3020953 Matrix: Soil Date Prep: 06.27.17
Parent Sample Id: 556211-009 MS Sample Id: 556211-009 S MSD Sample Id: 556211-009 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<4.96	248	272	110	271	109	90-110	0	20	mg/kg	06.28.17 03:13	

QC Summary 556210

TRC Solutions, Inc

A-14 Compressor Station Slug Overflow

Analytical Method: **TPH by SW8015 Mod** Prep Method: TX1005P
Seq Number: 3020944 Matrix: Solid Date Prep: 06.27.17
MB Sample Id: 726859-1-BLK LCS Sample Id: 726859-1-BKS LCSD Sample Id: 726859-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons	<15.0	1000	1060	106	1080	108	70-135	2	35	mg/kg	06.28.17 02:24	
Diesel Range Organics	<15.0	1000	1020	102	1060	106	70-135	4	35	mg/kg	06.28.17 02:24	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	102		108		109		70-135	%	06.28.17 02:24
o-Terphenyl	103		107		110		70-135	%	06.28.17 02:24

Analytical Method: **TPH by SW8015 Mod** Prep Method: TX1005P
Seq Number: 3020944 Matrix: Soil Date Prep: 06.27.17
Parent Sample Id: 556210-001 MS Sample Id: 556210-001 S MSD Sample Id: 556210-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons	<15.0	999	1040	104	1010	101	70-135	3	35	mg/kg	06.28.17 03:27	
Diesel Range Organics	<15.0	999	1050	105	986	99	70-135	6	35	mg/kg	06.28.17 03:27	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	102		99		70-135	%	06.28.17 03:27
o-Terphenyl	100		96		70-135	%	06.28.17 03:27

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B
Seq Number: 3020931 Matrix: Solid Date Prep: 06.27.17
MB Sample Id: 726847-1-BLK LCS Sample Id: 726847-1-BKS LCSD Sample Id: 726847-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00202	0.101	0.103	102	0.103	103	70-130	0	35	mg/kg	06.27.17 20:16	
Toluene	<0.00202	0.101	0.0908	90	0.0903	90	70-130	1	35	mg/kg	06.27.17 20:16	
Ethylbenzene	<0.00202	0.101	0.0968	96	0.0998	100	71-129	3	35	mg/kg	06.27.17 20:16	
m,p-Xylenes	<0.00404	0.202	0.176	87	0.177	88	70-135	1	35	mg/kg	06.27.17 20:16	
o-Xylene	<0.00202	0.101	0.0917	91	0.0933	93	71-133	2	35	mg/kg	06.27.17 20:16	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	97		92		101		80-120	%	06.27.17 20:16
4-Bromofluorobenzene	99		107		100		80-120	%	06.27.17 20:16

QC Summary 556210

TRC Solutions, Inc

A-14 Compressor Station Slug Overflow

Analytical Method: **BTEX by EPA 8021B** Prep Method: SW5030B

Seq Number: 3020931 Matrix: Soil Date Prep: 06.27.17

Parent Sample Id: 556209-001 MS Sample Id: 556209-001 S MSD Sample Id: 556209-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0814	81	0.0750	74	70-130	8	35	mg/kg	06.27.17 20:48	
Toluene	<0.00200	0.100	0.0665	67	0.0653	65	70-130	2	35	mg/kg	06.27.17 20:48	X
Ethylbenzene	<0.00200	0.100	0.0708	71	0.0610	60	71-129	15	35	mg/kg	06.27.17 20:48	X
m,p-Xylenes	<0.00400	0.200	0.117	59	0.105	52	70-135	11	35	mg/kg	06.27.17 20:48	X
o-Xylene	<0.00200	0.100	0.0656	66	0.0628	62	71-133	4	35	mg/kg	06.27.17 20:48	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	90		116		80-120	%	06.27.17 20:48
4-Bromofluorobenzene	91		117		80-120	%	06.27.17 20:48

Xenco Laboratories

The Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Nikki Green

Company Name: TRC Environmental Corporation

Company Address: 2057 Commerce Drive

City/State/Zip: Midland, Texas 79703

Telephone No: 432.520.7720 Fax No:

Sampler Signature: Nikki Green e-mail: rose.slade@energytransfer.com; ngreen@trcsolutions.com

Project Name: A14 Compressor Station Slug Overflow

Project #: TRC #: 274128

Project Loc: Lea County, NM

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only) ORDER #: 556210

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge / GW = Groundwater S=Soil/Solid / NP=Non-Potable Specify Other	Analyze For: TPH: 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300.1	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard 3-Day TAT
	WSW-1a @ 2'			6/19/2017	1400		1	x								Soil														x
	Containment EWa @ 2'			6/19/2017	1410		1	x								Soil														x
	Containment NWa @ 2'			6/20/2017	1130		1	x								Soil														x

TCLP: TOTAL:

Special Instructions:

Bill to Rose Slade at Energy Transfer.

Relinquished by:	Date	Time	Received by:	Date	Time
Nikki Green	6/23/17	1533		6/23/17	15:33
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELT	Date	Time

Temp: 2.6 IR ID:R-8
CF:(0-6: -0.2°C)
(6-23: +0.2°C)
Corrected Temp: 2.4

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: °C

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: TRC Solutions, Inc

Date/ Time Received: 06/23/2017 03:53:00 PM

Work Order #: 556210

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

Temperature Measuring device used : R8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	2.4
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seal present on shipping container/ cooler?	**N/A**
#5 *Custody Seals intact on shipping container/ cooler?	**N/A**
#6 Custody Seals intact on sample bottles?	**N/A**
#7 *Custody Seals Signed and dated?	**N/A**
#8 *Chain of Custody present?	**Yes**
#9 Sample instructions complete on Chain of Custody?	**Yes**
#10 Any missing/extra samples?	**No**
#11 Chain of Custody signed when relinquished/ received?	**Yes**
#12 Chain of Custody agrees with sample label(s)?	**Yes**
#13 Container label(s) legible and intact?	**Yes**
#14 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#15 Samples in proper container/ bottle?	**Yes**
#16 Samples properly preserved?	**Yes**
#17 Sample container(s) intact?	**Yes**
#18 Sufficient sample amount for indicated test(s)?	**Yes**
#19 All samples received within hold time?	**Yes**
#20 Subcontract of sample(s)?	**N/A**
#21 VOC samples have zero headspace?	**N/A**

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

Analyst: PH Device/Lot#:

Checklist completed by: Jessica Kramer Date: 06/23/2017
Jessica Kramer

Checklist reviewed by: Kelsey Brooks Date: 06/26/2017
Kelsey Brooks

PHOTOGRAPHIC LOG

Figure 1. View of surface staining from the initial release, facing west.

Figure 2. View of surface staining from the initial release, facing southwest.

Figure 3. View of the affected area after remediation activities, facing northeast.

Figure 4. View of portion of the affected area, after remediation activities, during an unrelated remediation event, facing southwest.

Figure. 5. View of the affected area after remediation activities, facing southwest.

Figure 6. View of affected area on the northern portion of the containment after remediation activities, facing northwest.

SUNDANCE SERVICES, Inc.

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

TICKET No. 251003

LEASE OPERATOR/SHIPPER/COMPANY:	SUG
LEASE NAME:	A-14 Slug Overflow
TRANSPORTER COMPANY:	Apollo TRK
TIME	8:35 AM/PM
DATE: 6/25/2013 **VEHICLE NO:**	OC
GENERATOR COMPANY MAN'S NAME:	P. Little
CHARGE TO:	SUG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

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

Description: O/D

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] **BBLS.** _____ : [X] **YARD** 12 : [ ] _____

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: Jose Mendoza
(SIGNATURE)

FACILITY REPRESENTATIVE: Eunice Ronca
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 250999

LEASE OPERATOR/SHIPPER/COMPANY:	SLIG
LEASE NAME:	A 14 Slug Overflow
TRANSPORTER COMPANY:	MR. McCracken
TIME:	8:30 (AM)/PM
DATE:	4/25/2012
VEHICLE NO:	207
GENERATOR COMPANY MAN'S NAME:	P. Little
CHARGE TO:	SLIG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

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

Description: OIP

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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: MR McCracken
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Ross
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 250627

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: A-14 Slug Overflow

TRANSPORTER COMPANY: Apollo Truck

TIME: 1:37 (AM/PM)

DATE: 6-21-13 **VEHICLE NO:** 05

GENERATOR COMPANY MAN'S NAME: Phillip Little

CHARGE TO: SLG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OID

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLS._____: [X] YARD 12 : [ ] _____

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 250819

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 Slug Overflow

TRANSPORTER COMPANY: Family Oilfield Serv. **TIME** 11:22 (AM)/PM

DATE: 6-24-13 **VEHICLE NO:** F-2 **GENERATOR COMPANY MAN'S NAME:** Phillip Little

CHARGE TO: SUG **RIG NAME AND NUMBER**

TYPE OF MATERIAL

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

Description: oil

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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: Porfirio Rojas
(SIGNATURE)

FACILITY REPRESENTATIVE: J. Sta Cruz
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 250826

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: A-14 Slug Overflow

TRANSPORTER COMPANY: Apple Trucking

TIME 11:34 AM/PM

DATE: 6-21-13 **VEHICLE NO:** 06

GENERATOR COMPANY MAN'S NAME: Phillip Trick

CHARGE TO: SLG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OID

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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: Jorge Menchaca
(SIGNATURE)

FACILITY REPRESENTATIVE: J. Sta Cruz
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 250624

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 Slug Overflow

TRANSPORTER COMPANY: M.R. McCracken #207 | **TIME** 11:32 AM/PM

DATE: 6-24-13 **VEHICLE NO:** 207 **GENERATOR COMPANY MAN'S NAME:** Phillip Hale

CHARGE TO: SUG | **RIG NAME AND NUMBER**

TYPE OF MATERIAL

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

Description: OIP

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS._____: [X] YARD 12 : [ ] _____

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: M.R. McCracken
(SIGNATURE)

FACILITY REPRESENTATIVE: D. Sla Cruz
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 250620

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: A-14 Slug Overflow

TRANSPORTER COMPANY: Mendoza Transp. **TIME** 11:25 AM/PM

DATE: 6-24-13 **VEHICLE NO:** 02 **GENERATOR COMPANY MAN'S NAME:** Phillip Little

CHARGE TO: SLG **RIG NAME AND NUMBER**

TYPE OF MATERIAL

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

Description: OD

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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: Marcos E. Mendoza
(SIGNATURE)

FACILITY REPRESENTATIVE: D. Stan Co
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 250622

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: A-14 Slug Overflow

TRANSPORTER COMPANY: All Terrain

DATE: 6-24-13 VEHICLE NO: #1

TIME 11:27 AM/PM

GENERATOR COMPANY MAN'S NAME: Phillip Little

CHARGE TO: SLIG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OD

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 250825

LEASE OPERATOR/SHIPPER/COMPANY:	SLG
LEASE NAME:	A-14 Slug Overflow
TRANSPORTER COMPANY:	Shields Truck
TIME	1:33 AM/PM
DATE: 6-24-13 **VEHICLE NO:**	760
GENERATOR COMPANY MAN'S NAME:	Phillip Cuttle
CHARGE TO:	SLG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

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

Description: OID

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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: Jon Swank
(SIGNATURE)

FACILITY REPRESENTATIVE: D. Sta Cruz
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 250875

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: A-14 Slug Overflow.

TRANSPORTER COMPANY: Apollo Trucking

DATE: 6-21-13 VEHICLE NO: 06

TIME 2:10 AM/PM

GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SLIG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OID

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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: Jorge Menchaca
(SIGNATURE)

FACILITY REPRESENTATIVE: J. Sta Cruz
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 250673

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: A-14 Slug Drill

TRANSPORTER COMPANY: M.R. McCracken

DATE: 6-24-13 **VEHICLE NO:** 207

TIME 2:06 AM/PM

GENERATOR COMPANY MAN'S NAME: Phillip Little

CHARGE TO: SLG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OID

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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: M.R. McCracken
(SIGNATURE)

FACILITY REPRESENTATIVE: D. Sta Cruz
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 250874

LEASE OPERATOR/SHIPPER/COMPANY:	SUG
LEASE NAME:	A-14 Slug Overflow
TRANSPORTER COMPANY:	SWORDS
TIME	2:07 AM/PM
DATE:	6-24-13
VEHICLE NO:	760
GENERATOR COMPANY MAN'S NAME:	A. Stanley
CHARGE TO:	SUG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

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

Description: O/D

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 251062

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 Slug Overflow

TRANSPORTER COMPANY: MR McCracken | TIME 10:53 AM/PM

DATE: 4/25/2012 VEHICLE NO: 207 | GENERATOR COMPANY MAN'S NAME: P. Little

CHARGE TO: SUG | RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: Oil

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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: MR McCracken
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Rowe
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 250872

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: A-14 Slug Overflow

TRANSPORTER COMPANY: Family's Oilfield

TIME 2:05 AM/PM

DATE: 6-21-13 **VEHICLE NO:** E-2

GENERATOR COMPANY MAN'S NAME: Phillip Little

CHARGE TO: SLIG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OIP

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLS. _____: [X] YARD 12 : [ ] _____

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: Porfirio Rojas
(SIGNATURE)

FACILITY REPRESENTATIVE: J. Sta Cruz
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 250671

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: H-14 Slug Overflow

TRANSPORTER COMPANY: Mendoza Transp. TIME 2:03 AM/PM

DATE: 6-24-13 VEHICLE NO: 02 GENERATOR COMPANY MAN'S NAME: Phillip Little

CHARGE TO: SUG RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OIP

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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: Alonso E. Mendoza
(SIGNATURE)

FACILITY REPRESENTATIVE: A. Sta Cruz
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 250870

LEASE OPERATOR/SHIPPER/COMPANY:	SUG
LEASE NAME:	A-14 Slug Overflow
TRANSPORTER COMPANY:	ALL Terrain Truck
TIME:	2:01 AM/PM
DATE: 6-24-13 VEHICLE NO:	1
GENERATOR COMPANY MAN'S NAME:	Phillip Little
CHARGE TO:	SUG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

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

Description: OIP

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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: J. Sta Cruz
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No: 250876

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: A-14 Slug Over-flow

TRANSPORTER COMPANY: Apollo Trucking | TIME 2:12 AM/PM

DATE: 6-21-13 VEHICLE NO: 05 | GENERATOR COMPANY MAN'S NAME: C. Stanley

CHARGE TO: SLG | RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OID

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 251008

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 Slus Overflow

TRANSPORTER COMPANY: All Terrain TRK | **TIME** 8:40 AM/PM

DATE: 6/25/2013 **VEHICLE NO:** 1 | **GENERATOR COMPANY MAN'S NAME:** P. Little

CHARGE TO: SUG | **RIG NAME AND NUMBER**

TYPE OF MATERIAL

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

Description: O/D

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

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 251065

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: A-14 Slug Overflow

TRANSPORTER COMPANY: All Terrain Tick | TIME: 10:34 AM/PM

DATE: 6/25/2013 VEHICLE NO: 1 | GENERATOR COMPANY MAN'S NAME: P. Little

CHARGE TO: SLIG | RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: O/D

RRC or API # | C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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: Josh Lewis
(SIGNATURE)

FACILITY REPRESENTATIVE: Eunice Pusher
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 251066

LEASE OPERATOR/SHIPPER/COMPANY:	SLG
LEASE NAME:	A-14 Slug Overflow
TRANSPORTER COMPANY:	Apollo Trk
TIME	10:57 AM/PM
DATE: 4/29/2013 **VEHICLE NO:**	021
GENERATOR COMPANY MAN'S NAME:	P. Little
CHARGE TO:	SLG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

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

Description: OID

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS._____: [X] YARD 12 : [ ] _____

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 251012

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: A-14 Slug Overflow

TRANSPORTER COMPANY: Mendoza Transport

TIME 8:50 AM/PM

DATE: 10/25/2013 **VEHICLE NO:** 02

GENERATOR COMPANY MAN'S NAME: P. Lithe

CHARGE TO: SLG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OIL

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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: Marcos E. Mendoza
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 251068

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: A-14 Slug Overflow

TRANSPORTER COMPANY: Mendoza TRK

TIME: AM/PM

DATE: 10/25/2013 VEHICLE NO: 02

GENERATOR COMPANY MAN'S NAME:

CHARGE TO: SLG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OID

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____: [X] YARD 12 :

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND WASTES 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 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's 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: Marcos E. Mendoza
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 251077

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 Blue Overflow

TRANSPORTER COMPANY: Family's Oilfield Ser.

TIME 11:24 AM/PM

DATE: 4/25/2013 VEHICLE NO: F-2

GENERATOR COMPANY MAN'S NAME: P. Little

CHARGE TO: SUG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OIP

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 251075

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 Skelly Queen Blinebry

TRANSPORTER COMPANY: Swords

TIME 11:21 AM/PM

DATE: 6/25/2013 **VEHICLE NO:** 760

GENERATOR COMPANY MAN'S NAME: Phillip Gitle

CHARGE TO: SUG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OD

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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

SUNDANCE SERVICES, Inc.

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

TICKET No.: 251078

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: A-14 Slug Overflow

TRANSPORTER COMPANY: Apollo TKK

TIME 11:25 AM/PM

DATE: 6/25/2012 **VEHICLE NO:** 05

GENERATOR COMPANY MAN'S NAME: P. Little

CHARGE TO: SUG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: O/W

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 251066

LEASE OPERATOR/SHIPPER/COMPANY:	SLO
LEASE NAME:	A-14 Slug Overflow
TRANSPORTER COMPANY:	Family Oilfield Ser.
TIME	11:44 AM/PM
DATE:	6/25/2013
VEHICLE NO:	F-3
GENERATOR COMPANY MAN'S NAME:	P. Little
CHARGE TO:	SLO
RIG NAME AND NUMBER	

TYPE OF MATERIAL

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

Description: OIL

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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: Francisco Murillo
(SIGNATURE)

FACILITY REPRESENTATIVE: Louie Ramos
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 251016

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: A-14 Slug Overflow

TRANSPORTER COMPANY: Family's Oilfield Ser. TIME 8:52 AM/PM

DATE: 6/25/2013 VEHICLE NO: F-2 GENERATOR COMPANY MAN'S NAME: P. Little

CHARGE TO: SLG RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: O/D

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS. _____: [/] YARD 12 : [ ] _____

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: Andrew Riley
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Rowell
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 251011

LEASE OPERATOR/SHIPPER/COMPANY:	SLIG
LEASE NAME:	A-14 Slug Overflow
TRANSPORTER COMPANY:	Sword's ~~Hot~~ — **TIME** 8:49 AM/PM
DATE 10/25/2013 **VEHICLE NO:**	760 — **GENERATOR COMPANY MAN'S NAME:** P. Little
CHARGE TO:	SLIG — **RIG NAME AND NUMBER**

TYPE OF MATERIAL

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

Description: O/D

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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: Connie Ross
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 251017

LEASE OPERATOR/SHIPPER/COMPANY:	SLIG
LEASE NAME:	A-14 Slug Overflow
TRANSPORTER COMPANY:	Apollo TRK
TIME:	8:54 (AM)/PM
DATE:	6/25/2013
VEHICLE NO:	05
GENERATOR COMPANY MAN'S NAME:	P. Little
CHARGE TO:	SLIG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

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

Description: _____

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] **BBLS.** _____ : [X] **YARD** 12 : [ ] _____

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 251018

LEASE OPERATOR/SHIPPER/COMPANY:	SLIG
LEASE NAME:	A-14 Slug Overflow
TRANSPORTER COMPANY:	Family's Oilfield Ser.
TIME	8:54 (AM/PM)
DATE: 4/25/2012 **VEHICLE NO:**	F-3
GENERATOR COMPANY MAN'S NAME:	P. Little
CHARGE TO:	SLIG
RIG NAME AND NUMBER	

TYPE OF MATERIAL

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

Description: o/d

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 12 : [ ] _____

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: Francisco Mull
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Rose
(SIGNATURE)

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

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Southern Union Gas Services	Contact Rose Slade
Address 801 South Loop 464, Monahans, TX 79756	Telephone No. 432-940-5147
Facility Name A-14 Slug Overflow	Facility Type Natural Gas Compressor Station

Surface Owner Bureau of Land Management	Mineral Owner	API No 30-025-28822

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	6	24S	35E					Lea

Latitude 32 degrees 14,771' Longitude 103 degrees 24.120'

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 8 BBLS	Volume Recovered Unknown
Source of Release Condensate Tank	Date and Hour of Occurrence December 27, 2011 – Unknown	Date and Hour of Discovery December 27, 2011-1000 hours
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

HOBBS OCD

AUG 2 3 2013

Describe Cause of Problem and Remedial Action Taken.*

A gas producer experienced a malfunction at a nearby facility, resulting in a "slug" of crude oil being transported through the gathering line to the Southern Union A-14 Compressor Station. On entering the Station, the oil slug encountered a field scrubber unit, used to separate liquids from the raw natural gas stream. The field scrubber dumped the liquids to the condensate storage tank. Due to the large slug of liquids, the 210 bbl condensate tank was unable to contain the volume of the slug. The tank overflowed into the common fiberglass secondary containment, which has been sized to contain the NMOCD required volume. The volume of the crude was greater than the volume of the secondary containment; resulting in approximately eight (8) bbls of liquids being released to the ground within the Station. On discovery of the release a vacuum truck was utilized to recover liquids from the containment and areas affected by the release.

RECEIVED

Describe Area Affected and Cleanup Action Taken.*

The area affected measures approximately 1,300 square feet. Delineation and remediation activities will follow NMOCD guidelines.

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

OIL CONSERVATION DIVISION

Signature:

Printed Name: Rose L. Slade

Approved by District Supervisor: Approved - Hobbs

Title: EHS Compliance Specialist

Approval Date: 7/1/16 Expiration Date: 9/1/16

E-mail Address: rose.slade@sug.com

Conditions of Approval:

Attached ☐

IRP - 4328

Date: January 10, 2012 Phone: 432-940-5147

* Attach Additional Sheets If Necessary