## Basin Environmental Service Technologies, LLC

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

jwlowry@basinenv.com

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



# REMEDIATION SUMMARY & SITE CLOSURE REQUEST

SOUTHERN UNION GAS SERVICES TRUNK "O" LINE (MEYERS)

Lea County, New Mexico Unit Letter "C" (NE/NW), Section 35, Township 23 South, Range 36 East Latitude 32° 16.005' North, Longitude 103° 14.375' West NMOCD Reference # 1RP 03-11-2695

Prepared For:

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

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

December 2012

 Joel W. Lowry
Project Manager

#### TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	NMOCD SITE CLASSIFICATION	1
3.0	SUMMARY OF SOIL REMEDIATION ACTIVITIES	2
	QA/QC PROCEDURES	
	4.1 Soil Sampling	3
	4.2 Decontamination of Equipment	3
	4.3 Laboratory Protocol	3
5.0	SITE CLOSURE REQUEST	3
6.0	LIMITATIONS	4
7.0	DISTRIBUTION	5

#### **FIGURES**

Figure 1 – Site Location Map

Figure 2 – Site & Sample Location Map

#### **TABLES**

Table 1 – Concentrations of Benzene, BTEX, TPH & Chloride in Soil

#### **APPENDICES**

Appendix A – Photographs

Appendix B – Laboratory Analytical Reports

Appendix C – Disposal Manifest

Appendix D – Release Notification and Corrective Action (Form C-141)

#### 1.0 INTRODUCTION & BACKGROUND INFORMATION

Basin Environmental Service Technologies, LLC (Basin), on behalf of Southern Union Gas Services (Southern Union), has prepared this *Remediation Summary & Site Closure Request* for the release site known as Trunk "O" Line (Meyers) Historical. The legal description of the release site is Unit Letter "C" (NE/NW), Section 35, Township 23 South, Range 36 East, in Lea County, New Mexico. The geographic coordinates of the release site are 32° 16.005' North latitude and 103° 14.375' West longitude. The property affected by the release is owned by Mr. Kelly Meyers. Please reference Figure 1 for a "Site Location Map".

On March 19, 2011, Southern Union discovered a release had occurred on the Trunk "O" Pipeline. The "Release Notification and Corrective Action" (Form C-141) indicated failure of a section of natural gas pipeline operating at thirty-five (35) PSI resulted in the release of approximately ten barrels (10 bbls) of a mixture of crude oil and produced water and nine hundred (900) Mcf of natural gas. During initial response activities the leak was excavated and the affected area was repaired. The affected segment of pipeline has since been replaced. The release was reported to the New Mexico Oil Conservation Division (NMOCD) Hobbs District Office on March 23, 2011. The release was largely airborne, affecting an area measuring three hundred feet (300') by one hundred fifty feet (150'). General photographs of the release site are provided as Appendix A. The Form C-141 is provided as Appendix D.

#### 2.0 NMOCD SITE CLASSIFICATION

A search of the New Mexico Water Rights Reporting System (NMWRRS) database maintained by the New Mexico Office of the State Engineer (NMOSE) indicated information was unavailable for Section 35, Township 23 South, Range 36 East. A depth to groundwater reference map utilized by the NMOCD indicates groundwater should be encountered at approximately one hundred thirty-five feet (135') below ground surface (bgs). Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.

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

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

NMOCD guidelines indicate the Trunk "O" Line (Meyers) release site has an initial ranking score of ten (10) points. The soil remediation levels for a site with a ranking score of zero (0) points are as follows:

- Benzene 10 mg/Kg (ppm)
- BTEX -50 mg/Kg (ppm)
- TPH -5,000 mg/Kg (ppm)

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

#### 3.0 SUMMARY OF SOIL REMEDIATION ACTIVITIES

On November 5, 2012, Basin began delineation activities at the release site. During the initial investigation eight (8) surface soil samples (SP#1, SP#2, SP#3, SP#4, SP#5, SP#18, SP#19 and SP#20) were collected from within the visibly impacted area and field-screened for concentrations of chloride using Hach Quantab<sup>®</sup> chloride test strips. Chloride field test results indicated chloride concentrations were less than 120 ppm for each of the soil samples. Approximately six inches (6") of soil was scraped from the surface in the area characterized by dead vegetation.

On November 5 and 6, 2012 Basin collected sixteen (16) confirmation soil samples (SP#3 @ Surface, SP#6 @ 2', SP#7 @ 2', SP#8 @ 2', SP#9 @ 2', SP#10 @ 2', SP#11 @ 2', SP#12 @ 2', SP#13 @ 2', SP#14 @ 2', SP#15 @ 2', SP#15 @ 4', SP#16 @ 2', SP#17 @ 2', SP#21 @ 2' and SP#22 @ 2') from a series evenly spaced test trenches within the excavated area. Collected soil samples were submitted to Xenco Laboratories Inc., of Odessa, Texas, for analysis of chloride concentrations in accordance with EPA Method 300.1. Laboratory analytical results indicated chloride concentrations ranged from 9.24 mg/Kg for soil sample SP#17 @ 2' to 66.2 mg/Kg for soil sample SP#6 @ 2'. Soil samples SP#3 @ Surface, SP#8 @ 2', SP#12 @ 2', SP#13 @ 2', SP#14 @ 2', SP#15 @ 2', SP#16 @ 2', SP#17 @ 2' and SP#21 @ 2' we also analyzed for concentrations of total petroleum hydrocarbons (TPH) in accordance with EPA Method SW-846 8015M. Laboratory analytical results indicated TPH concentrations were less than the laboratory method detection limit (MDL) for each of the soil samples submitted. Soil sample SP#15 @ 2' was also analyzed for benzene, toluene, ethylbenzene and xylene (BTEX) in accordance with EPA Method SW-846 8021b. Analytical results indicated BTEX constituent concentrations were less than the appropriate laboratory MDL for soil sample SP#15 @ 2'. Table 1 summarizes the "Concentrations of Benzene, BTEX, TPH & Chloride in Soil". Soil sample locations are depicted in Figure 2, "Site & Sample Location Map". Laboratory analytical reports are provided as Appendix B.

Between November 11 and 12, 2012, approximately one hundred forty-four cubic yards (144 yd<sup>3</sup>) of impacted material was transported to Sundance Services, Inc. (NMOCD Permit # 01-0003) for disposal. Copies of disposal manifests are provided as Appendix C.

On November 23, 2012, on receiving approval from an NMOCD representative, the excavation was backfilled with locally purchased, non-impacted material. Prior to backfilling, the final dimensions of the excavation were approximately one hundred sixty-two (120') in length, ninety-three feet (93') in width, and approximately six inches (6") in depth. Excavation backfill was contoured to fit the surrounding topography and will be reseeded at the request of the landowner.

#### 4.0 QA/QC PROCEDURES

#### 4.1 Soil Sampling

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

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

#### 4.2 Decontamination of Equipment

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

#### 4.3 Laboratory Protocol

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

#### 5.0 SITE CLOSURE REQUEST

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

#### **6.0 LIMITATIONS**

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

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

#### 7.0 DISTRIBUTION:

Copy 1: Geoffrey Leking

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division (District 1)

1625 French Drive Hobbs, NM 88240

GeoffreyR.Leking@state.nm.us

Copy 2: Rose Slade

Southern Union Gas Services

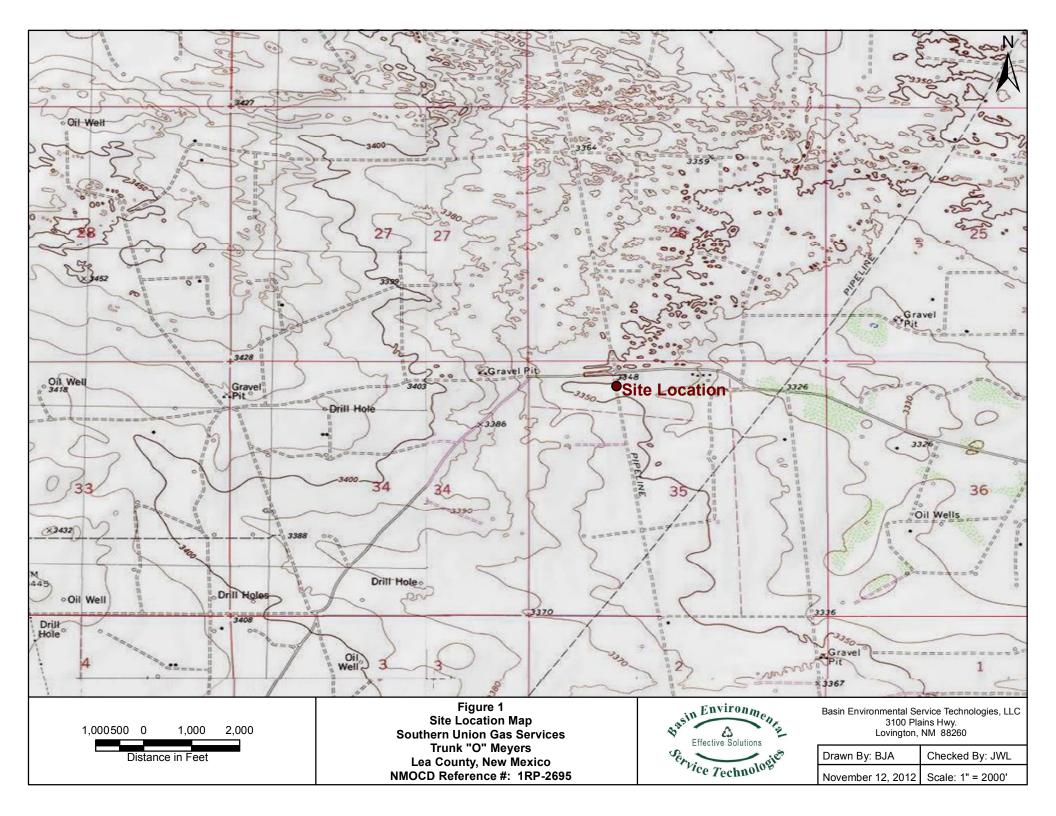
801 S. Loop 464

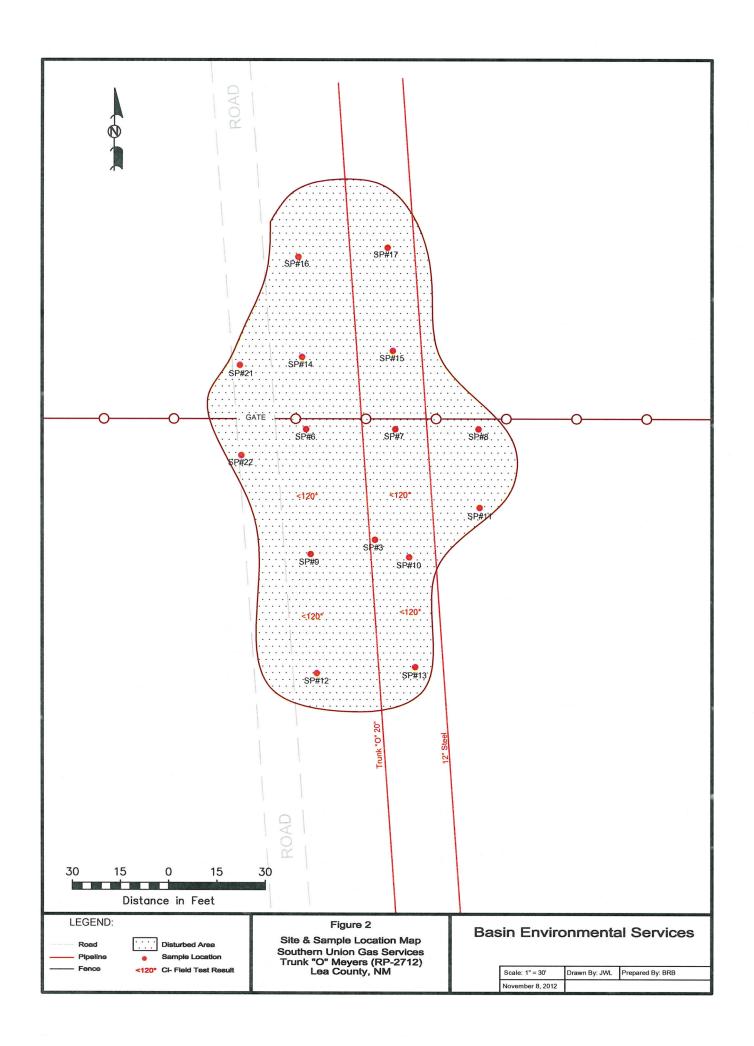
Monahans, Texas 79756 rose.slade@sug.com

Copy 3: Basin Environmental Service Technologies, LLC

P.O. Box 301

Lovington, New Mexico 88260





#### TABLE 1

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

SOUTHERN UNION GAS SERVICES TRUNK "O" LINE (MEYERS) HISTORICAL RELEASE SITE LEA COUNTY, NEW MEXICO NMOCD REF# 1RP-2695

					METHOD: EI	PA SW 846-80	21B, 5030		ME	THOD: 801	5M	TOTAL	METHOD: E300.0
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C <sub>6</sub> -C <sub>12</sub> (mg/Kg)	DRO C <sub>12</sub> -C <sub>28</sub> (mg/Kg)	ORO C <sub>28</sub> -C <sub>35</sub> (mg/Kg)	TPH C <sub>6</sub> -C <sub>35</sub>	CHLORIDE (mg/Kg)
SP#3 @ Surface	Surface	11/5/2012	Excavated	-	-	-	-	-	<15.6	<15.6	<15.6	<15.6	-
SP#6 @ 2'	2'	11/5/2012	In-Situ	-	-	-	-	-	-	-	-	-	66.2
SP#7 @ 2'	2'	11/5/2012	In-Situ	-	-	1	-	-	-	-	-	-	9.89
SP#8 @ 2'	2'	11/5/2012	In-Situ	-	-	-	-	-	<15.8	<15.8	<15.8	<15.8	21.5
SP#9 @ 2'	2'	11/5/2012	In-Situ	-	-	-	-	-	-	-	-	-	16.7
SP#10 @ 2'	2'	11/5/2012	In-Situ	-	-	-	-	-	-	-	-	-	14.1
SP#11 @ 2'	2'	11/5/2012	In-Situ	-	-	-	-	-	-	-	-	-	28.9
SP#12 @ 2'	2'	11/5/2012	In-Situ	-	-	-	-	-	<15.6	<15.6	<15.6	<15.6	18.3
SP#13 @ 2'	2'	11/5/2012	In-Situ	-	-	-	-	-	<15.9	<15.9	<15.9	<15.9	23.3
SP#14 @ 2'	2'	11/6/2012	In-Situ	-	-	-	-	-	<15.8	<15.8	<15.8	<15.8	30.3
SP#15 @ 2'	2'	11/6/2012	In-Situ	<0.00106	<0.00212	<0.00106	< 0.00212	< 0.00212	<15.9	<15.9	<15.9	<15.9	58.8
SP#15 @ 4'	4'	11/6/2012	In-Situ	-	-	-	-	-	-	-	-	-	11.7
SP#16 @ 2'	2'	11/6/2012	In-Situ	-	-	-	-	-	<15.6	<15.6	<15.6	<15.6	14.7
SP#17 @ 2'	2'	11/6/2012	In-Situ	-	-	-	-	-	<16.2	<16.2	<16.2	<16.2	9.24
SP#21 @ 2'	2'	11/6/2012	In-Situ	-	-	-	-	-	<15.8	<15.8	<15.8	<15.8	9.47
SP#22 @ 2'	2'	11/6/2012	In-Situ	-	-	-	-	-	-	-	-	-	11.4
NIMOOD Ctondond				40				50				5.000	4.000
NMOCD Standard				10				50				5,000	1,000

<sup>- =</sup> Not analyzed.

<sup>\*</sup> Denotes results by EPA Method 325.3

## **Analytical Report 452203**

#### for Southern Union Gas Services- Monahans

Project Manager: Joel Lowry
Trunk "O" Myers
(RP-2695)
20-NOV-12

Collected By: Client





#### 12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

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

Xenco-Atlanta (EPA Lab Code: GA00046): Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD ( L10-135) Louisiana (04176), USDA (P330-07-00105)

> Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900) Xenco-Lakeland: Florida (E84098) Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX) Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757) Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757) Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)





20-NOV-12

Project Manager: Joel Lowry

**Southern Union Gas Services- Monahans** 

801 South Loop 464 Monahans, TX 79756

Reference: XENCO Report No: 452203

Trunk "O" Myers

Project Address: Lea County, NM

#### Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 452203. 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. 452203 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully.

**Nicholas Straccione** 

Project Manager

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

Certified and approved by numerous States and Agencies.

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

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



## **Sample Cross Reference 452203**



#### Southern Union Gas Services- Monahans, Monahans, TX

Trunk "O" Myers

Sample Id	Matrix	<b>Date Collected</b>	Sample Depth	Lab Sample Id
SP#3 @ Surface	S	11-05-12 10:00	In	452203-001
SP#6 @ 2'	S	11-05-12 11:30		452203-002
SP#7 @ 2'	S	11-05-12 12:00		452203-003
SP#8 @ 2'	S	11-05-12 12:30		452203-004
SP#9 @ 2'	S	11-05-12 13:00		452203-005
SP#10 @ 2'	S	11-05-12 13:30		452203-006
SP#11 @ 2'	S	11-05-12 14:00		452203-007
SP#12 @ 2'	S	11-05-12 14:30		452203-008
SP#13 @ 2'	S	11-05-12 15:00		452203-009
SP#14 @ 2'	S	11-06-12 09:00		452203-010
SP#15 @ 2'	S	11-06-12 09:30		452203-011
SP#15 @ 4'	S	11-06-12 09:45		452203-012
SP#16 @ 2'	S	11-06-12 10:00		452203-013
SP#17@ 2'	S	11-06-12 10:30		452203-014
SP#21 @ 2'	S	11-06-12 12:30		452203-015
SP#22 @ 2'	S	11-06-12 13:00		452203-016

#### **CASE NARRATIVE**



Client Name: Southern Union Gas Services- Monahans

Project Name: Trunk "O" Myers



Project ID: (RP-2695) Report Date: 20-NOV-12 Work Order Number: 452203 Date Received: 11/09/2012

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None



**Project Id:** (RP-2695)

Project Location: Lea County, NM

**Contact:** Joel Lowry

#### **Certificate of Analysis Summary 452203**

#### Southern Union Gas Services- Monahans, Monahans, TX



Project Name: Trunk "O" Myers

**Date Received in Lab:** Fri Nov-09-12 10:00 pm

**Report Date:** 20-NOV-12

Project Manager: Nicholas Straccione

								Project Mai	nager:	Nicholas Strac	cione		
	Lab Id:	452203-0	01	452203-0	02	452203-0	452203-003		004	452203-0	05	452203-006	
Analysis Paguested	Field Id:	SP#3 @ Su	rface	SP#6 @ 2'		SP#7 @ 2'		SP#8 @ 2'		SP#9 @ 2'		SP#10 @	2'
Analysis Requested	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Nov-05-12	10:00	Nov-05-12 1	1:30	Nov-05-12	12:00	Nov-05-12	12:30	Nov-05-12	13:00	Nov-05-12 1	13:30
Inorganic Anions by EPA 300/300.1	Extracted:			Nov-12-12 13:21		Nov-12-12 13:53		Nov-12-12 14:09		Nov-12-12	14:25	Nov-12-12 1	14:41
SUB: TX104704215	Analyzed:			Nov-12-12 1	3:21	Nov-12-12	13:53	Nov-12-12	14:09	Nov-12-12	14:25	Nov-12-12 1	14:41
	Units/RL:			mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride				66.2	1.15	9.89	1.07	21.5	1.04	16.7	0.974	14.1	1.18
Percent Moisture	Extracted:											1	
	Analyzed:	Nov-12-12	15:40	Nov-16-12 1	3:00	Nov-16-12	13:00	Nov-12-12	15:40	Nov-16-12	13:00	Nov-16-12 1	13:00
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		3.67	1.00	6.01	1.00	6.71	1.00	5.39	1.00	4.05	1.00	5.92	1.00
TPH By SW8015 Mod	Extracted:	Nov-15-12	08:30					Nov-15-12 (	08:30			1	
	Analyzed:	Nov-15-12	12:13					Nov-15-12	12:47				
	Units/RL:	mg/kg	RL					mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		ND	15.6					ND	15.8				
C12-C28 Diesel Range Hydrocarbons		ND	15.6					ND	15.8				
C28-C35 Oil Range Hydrocarbons		ND	15.6			_		ND	15.8				
Total TPH		ND	15.6					ND	15.8				

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

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

Nicholas Straccione Project Manager



Project Location: Lea County, NM

#### **Certificate of Analysis Summary 452203**

#### Southern Union Gas Services- Monahans, Monahans, TX



Project Id: (RP-2695) Project Name: Trunk "O" Myers

Contact: Joel Lowry

Date Received in Lab: Fri Nov-09-12 10:00 pm

**Report Date:** 20-NOV-12

Project Manager: Nicholas Straccione

								Project Mai	nager:	Nicholas Strac	ccione		
	Lab Id:	452203-0	007	452203-00	08	452203-00	09	452203-0	10	452203-0	11	452203-0	)12
AI	Field Id:	SP#11 @	2'	SP#12 @	2'	SP#13 @	2'	SP#14 @	2'	SP#15 @	2'	SP#15 @	4'
Analysis Requested	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Nov-05-12	14:00	Nov-05-12 1	4:30	Nov-05-12 1	5:00	Nov-06-12 (	9:00	Nov-06-12	09:30	Nov-06-12 (	09:45
BTEX by EPA 8021B	Extracted:									Nov-20-12	08:30		
ľ	Analyzed:									Nov-20-12			
	Units/RL:									mg/kg	RL		
Benzene	Chus/RE.									ND	0.00106		
Toluene										ND	0.00212		
Ethylbenzene										ND	0.00106		
m_p-Xylenes										ND	0.00212		
o-Xylene										ND	0.00106		
Total Xylenes										ND	0.00106		
Total BTEX										ND	0.00106		
Inorganic Anions by EPA 300/300.1	Extracted:	Nov-12-12	14:57	Nov-12-12 1	5:46	Nov-12-12 1	6:02	Nov-12-12	6:18	Nov-12-12	16:34	Nov-12-12	16:50
SUB: TX104704215	Analyzed:	Nov-12-12 14:57		Nov-12-12 15:46		Nov-12-12 16:02		Nov-12-12 16:18		Nov-12-12 16:34		Nov-12-12 16:50	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		28.9	0.979	18.3	1.09	23.3	1.01	30.3	1.05	58.8	1.16	11.7	1.13
Percent Moisture	Extracted:												
	Analyzed:	Nov-16-12	13:00	Nov-12-12 1	5:40	Nov-12-12 1	5:40	Nov-12-12	5:40	Nov-12-12	15:40	Nov-16-12	13:00
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		5.46	1.00	4.13	1.00	5.52	1.00	5.21	1.00	5.56	1.00	3.54	1.00
TPH By SW8015 Mod	Extracted:			Nov-15-12 0	8:30	Nov-15-12 0	08:30	Nov-15-12 (	08:30	Nov-15-12	08:30		
	Analyzed:			Nov-15-12 1	3:16	Nov-15-12 1	3:51	Nov-15-12	4:20	Nov-15-12	14:53		
	Units/RL:			mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL		
C6-C12 Gasoline Range Hydrocarbons				ND	15.6	ND	15.9	ND	15.8	ND	15.9		
C12-C28 Diesel Range Hydrocarbons				ND	15.6	ND	15.9	ND	15.8	ND	15.9		
C28-C35 Oil Range Hydrocarbons				ND	15.6	ND	15.9	ND	15.8	ND	15.9		
Total TPH				ND	15.6	ND	15.9	ND	15.8	ND	15.9		

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

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

Nicholas Straccione Project Manager



Project Location: Lea County, NM

#### **Certificate of Analysis Summary 452203**

#### Southern Union Gas Services- Monahans, Monahans, TX



Project Name: Trunk "O" Myers

Project Id: (RP-2695)

Contact: Joel Lowry

**Date Received in Lab:** Fri Nov-09-12 10:00 pm **Report Date:** 20-NOV-12

Project Manager: Nicholas Straccione

								Project Mai	lager.	Nicholas Straccione	
	Lab Id:	452203-0	13	452203-0	14	452203-0	15	452203-0	16		
Analysis Requested	Field Id:	SP#16 @	2'	SP#17@ 2'		SP#21 @ 2'		SP#22 @ 2'			
Analysis Requested	Depth:										
	Matrix:	SOIL	SOIL			SOIL		SOIL			
	Sampled:	Nov-06-12	10:00	Nov-06-12 1	0:30	Nov-06-12 1	12:30	Nov-06-12	13:00		
Inorganic Anions by EPA 300/300.1 Extracted:		Nov-12-12	Nov-12-12 17:22		7:38	Nov-12-12 17:54		Nov-12-12	18:11		
SUB: TX104704215	Analyzed:	Nov-12-12 17:22		Nov-12-12 1	7:38	Nov-12-12 17:54		Nov-12-12	18:11		
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Chloride		14.7	1.04	9.24	1.16	9.47	1.03	11.4	1.04		
Percent Moisture	Extracted:										
	Analyzed:	Nov-12-12	15:40	Nov-12-12 1	5:40	Nov-12-12 1	15:40	Nov-16-12	13:00		
	Units/RL:	%	RL	%	RL	%	RL	%	RL		
Percent Moisture		4.33	1.00	7.95	1.00	5.47	1.00	3.11	1.00		
TPH By SW8015 Mod	Extracted:	Nov-15-12	08:30	Nov-15-12 08:30		Nov-15-12 08:30					
	Analyzed:	Nov-15-12	15:24	Nov-15-12 1	5:52	Nov-15-12 1	16:25				
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		ND	15.6	ND	16.2	ND	15.8				
C12-C28 Diesel Range Hydrocarbons		ND	15.6	ND	16.2	ND	15.8				
C28-C35 Oil Range Hydrocarbons		ND	15.6	ND	16.2	ND	15.8			_	
Total TPH		ND	15.6	ND	16.2	ND	15.8				

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

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

Nul Ctr

Nicholas Straccione Project Manager



#### **Flagging Criteria**

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

**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	

Page 8 of 20 Final 1.000

<sup>\*</sup> Surrogate recovered outside laboratory control limit.



Project Name: Trunk "O" Myers

**Work Orders:** 452203, **Project ID:** (RP-2695)

<b>Units:</b> mg/kg <b>Date Analyzed:</b> 11/15/12 12:13	SURROGATE RECOVERY STUDY							
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
Analytes			[D]					
1-Chlorooctane	88.2	100	88	70-135				
o-Terphenyl	43.3	50.0	87	70-135				

SURROGATE RECOVERY STUDY Units: mg/kg Date Analyzed: 11/15/12 12:47 Amount True Control TPH By SW8015 Mod Recovery Found Amount Limits Flags [A] [B] %R %R [D] **Analytes** 1-Chlorooctane 85.0 99.9 70-135 o-Terphenyl 41.7 50.0 83 70-135

<b>Units:</b> mg/kg <b>Date Analyzed:</b> 11/15/12 13:16	SURROGATE RECOVERY STUDY							
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
Analytes			[D]					
1-Chlorooctane	87.5	100	88	70-135				
o-Terphenyl	43.7	50.0	87	70-135				

<b>Units:</b> mg/kg <b>Date Analyzed:</b> 11/15/12 13:51	SURROGATE RECOVERY STUDY							
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
Analytes			[D]					
1-Chlorooctane	84.3	100	84	70-135				
o-Terphenyl	41.6	50.0	83	70-135				

<b>Units:</b> mg/kg <b>Date Analyzed:</b> 11/15/12 14:20	SURROGATE RECOVERY STUDY							
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
Analytes			[D]					
1-Chlorooctane	89.7	100	90	70-135				
o-Terphenyl	44.2	50.1	88	70-135				

<sup>\*</sup> Surrogate outside of Laboratory QC limits

Surrogate Recovery [D] = 100 \* A / B

<sup>\*\*</sup> Surrogates outside limits; data and surrogates confirmed by reanalysis

<sup>\*\*\*</sup> Poor recoveries due to dilution



Project Name: Trunk "O" Myers

**Work Orders :** 452203, **Project ID:** (RP-2695)

**Lab Batch #:** 901022 **Sample:** 452203-011 / SMP **Batch:** 1 **Matrix:** Soil

<b>Units:</b> mg/kg <b>Date Analyzed:</b> 11/15/12 14:53	SURROGATE RECOVERY STUDY				
TPH By SW8015 Mod  Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	83.4	99.9	83	70-135	
o-Terphenyl	41.3	50.0	83	70-135	

Units: mg/kg Date Analyzed: 11/15/12 15:24	SURROGATE RECOVERY STUDY				
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1-Chlorooctane	86.1	99.8	86	70-135	
o-Terphenyl	42.1	49.9	84	70-135	

**Lab Batch #:** 901022 **Sample:** 452203-014 / SMP **Batch:** 1 **Matrix:** Soil

<b>Units:</b> mg/kg <b>Date Analyzed:</b> 11/15/12 15:52	SURROGATE RECOVERY STUDY				
TPH By SW8015 Mod  Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.5	99.7	90	70-135	
o-Terphenyl	44.9	49.9	90	70-135	

<b>Units:</b> mg/kg <b>Date Analyzed:</b> 11/15/12 16:25	SURROGATE RECOVERY STUDY				
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1-Chlorooctane	78.0	99.8	78	70-135	
o-Terphenyl	38.5	49.9	77	70-135	

<b>Units:</b> mg/kg <b>Date Analyzed:</b> 11/20/12 10:03	SURROGATE RECOVERY STUDY				
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0245	0.0300	82	80-120	
4-Bromofluorobenzene	0.0277	0.0300	92	80-120	

<sup>\*</sup> Surrogate outside of Laboratory QC limits

Surrogate Recovery [D] = 100 \* A / B

<sup>\*\*</sup> Surrogates outside limits; data and surrogates confirmed by reanalysis

<sup>\*\*\*</sup> Poor recoveries due to dilution



Project Name: Trunk "O" Myers

Work Orders: 452203, Project ID: (RP-2695)

Lab Batch #: 901022 Sample: 630020-1-BLK / BLK Batch: 1 Matrix: Solid

Units: mg/kg Date Analyzed: 11/15/12 11:44	SURROGATE RECOVERY STUDY				
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1-Chlorooctane	91.0	99.8	91	70-135	
o-Terphenyl	44.8	49.9	90	70-135	

Lab Batch #: 901301 Sample: 630198-1-BLK / BLK Batch: 1 Matrix: Solid

Units: mg/kg Date Analyzed: 11/20/12 10:36	SURROGATE RECOVERY STUDY				
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0259	0.0300	86	80-120	
4-Bromofluorobenzene	0.0280	0.0300	93	80-120	

Lab Batch #: 901022 Sample: 630020-1-BKS / BKS Batch: 1 Matrix: Solid

<b>Units:</b> mg/kg <b>Date Analyzed:</b> 11/15/12 10:42	SURROGATE RECOVERY STUDY				
TPH By SW8015 Mod  Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.9	99.9	90	70-135	
o-Terphenyl	54.5	50.0	109	70-135	

Lab Batch #: 901301 Sample: 630198-1-BKS / BKS Batch: 1 Matrix: Solid

<b>Units:</b> mg/kg <b>Date Analyzed:</b> 11/20/12 09:13	SURROGATE RECOVERY STUDY				
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0268	0.0300	89	80-120	
4-Bromofluorobenzene	0.0297	0.0300	99	80-120	

Lab Batch #: 901022 Sample: 630020-1-BSD / BSD Batch: 1 Matrix: Solid

<b>Units:</b> mg/kg <b>Date Analyzed:</b> 11/15/12 11:10	SURROGATE RECOVERY STUDY				
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1-Chlorooctane	93.0	99.8	93	70-135	
o-Terphenyl	56.0	49.9	112	70-135	

<sup>\*</sup> Surrogate outside of Laboratory QC limits

Surrogate Recovery [D] = 100 \* A / B

<sup>\*\*</sup> Surrogates outside limits; data and surrogates confirmed by reanalysis

<sup>\*\*\*</sup> Poor recoveries due to dilution



Project Name: Trunk "O" Myers

**Work Orders:** 452203, **Project ID:** (RP-2695)

Lab Batch #: 901301 Sample: 630198-1-BSD / BSD Batch: 1 Matrix: Solid

<b>Units:</b> mg/kg <b>Date Analyzed:</b> 11/20/12 09:30	0 SU	SURROGATE RECOVERY STUDY				
BTEX by EPA 8021B  Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags	
1,4-Difluorobenzene	0.0301	0.0300	100	80-120		
4-Bromofluorobenzene	0.0335	0.0300	112	80-120		

SURROGATE RECOVERY STUDY Units: mg/kg Date Analyzed: 11/15/12 17:23 Control Amount True TPH By SW8015 Mod Recovery Found Amount Limits Flags [A] [B] %R %R [D] **Analytes** 1-Chlorooctane 92.3 99.7 93 70-135 o-Terphenyl 54.3 49.9 109 70-135

<b>Units:</b> mg/kg <b>Date Analyzed:</b> 11/20/12 10:20	SURROGATE RECOVERY STUDY				
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0295	0.0300	98	80-120	
4-Bromofluorobenzene	0.0269	0.0300	90	80-120	

Units: mg/kg Date Analyzed: 11/15/12 17:53	SU	RROGATE RI	ECOVERY S	STUDY	
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1-Chlorooctane	91.4	99.9	91	70-135	
o-Terphenyl	54.2	50.0	108	70-135	

Units: mg/kg Date Analyzed: 11/20/12 11:26	SURROGATE RECOVERY STUDY												
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags								
Analytes			[D]										
1,4-Difluorobenzene	0.0343	0.0300	114	80-120									
4-Bromofluorobenzene	0.0308	0.0300	103	80-120									

<sup>\*</sup> Surrogate outside of Laboratory QC limits

Surrogate Recovery [D] = 100 \* A / B

<sup>\*\*</sup> Surrogates outside limits; data and surrogates confirmed by reanalysis

<sup>\*\*\*</sup> Poor recoveries due to dilution



#### **BS / BSD Recoveries**



Project Name: Trunk "O" Myers

Work Order #: 452203

**Date Prepared:** 11/20/2012

Project ID: (RP-2695) **Date Analyzed:** 11/20/2012

Analyst: KEB **Lab Batch ID:** 901301

**Sample:** 630198-1-BKS

Matrix: Solid

Ti-ita ma/ka

**Batch #:** 1 RLANK /RLANK SPIKE / RLANK SPIKE DUPLICATE RECOVERY STUDY

Units: mg/kg		DLAN	K/DLAINK	)1 1IXE / 1	LANK	TIKE DOLL	ICATE .	RECOVI	ERI SIUD	/ I	
BTEX by EPA 8021B	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes		[B]	[C]	[D]	[E]	Result [F]	[G]				
Benzene	< 0.00100	0.100	0.0861	86	0.100	0.101	101	16	70-130	35	
Toluene	< 0.00200	0.100	0.0891	89	0.100	0.102	102	14	70-130	35	
Ethylbenzene	< 0.00100	0.100	0.0822	82	0.100	0.0990	99	19	71-129	35	
m_p-Xylenes	< 0.00200	0.200	0.175	88	0.200	0.210	105	18	70-135	35	
o-Xylene	< 0.00100	0.100	0.0849	85	0.100	0.104	104	20	71-133	35	

**Date Analyzed:** 11/12/2012 **Analyst:** TTE **Date Prepared:** 11/12/2012

Matrix: Solid **Lab Batch ID:** 900714 **Batch #:** 1 Sample: 629851-1-BKS

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY Units: mg/kg Blk. Spk Blank Spike Blank Blank Blank Control Control **Inorganic Anions by EPA 300/300.1** Spike Sample Result Added Spike Spike Spike Dup. RPD Limits Limits Flag Added [A] Result %R Duplicate %R % %R %RPD [B] [C] [D] Result [F] [G] [E] **Analytes** Chloride < 1.00 100 98.9 99 100 101 101 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



#### **BS / BSD Recoveries**



**Project Name: Trunk "O" Myers** 

Work Order #: 452203 Analyst: KEB

**Date Prepared:** 11/15/2012

**Batch #:** 1

**Project ID:** (RP-2695) **Date Analyzed:** 11/15/2012

**Lab Batch ID:** 901022

Sample: 630020-1-BKS

Matrix: Solid

Units: mg/kg		BLAN	K /BLANK S	SPIKE / E	BLANK S	SPIKE DUPL	ICATE 1	RECOVE	ERY STUD	Y	
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	999	935	94	998	946	95	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	999	908	91	998	940	94	3	70-135	35	



#### Form 3 - MS Recoveries

ruini 3 - MS Recuveri



**Work Order #:** 452203

**Lab Batch #:** 900714 **Project ID:** (RP-2695)

Project Name: Trunk "O" Myers

 Date Analyzed:
 11/12/2012
 Date Prepared:
 11/12/2012
 Analyst:
 TTE

 QC- Sample ID:
 452203-002 S
 Batch #:
 1
 Matrix:
 Soil

MATRIX / MATRIX SPIKE RECOVERY STUDY Reporting Units: mg/kg **Parent** Spiked Sample Control **Inorganic Anions by EPA 300** Sample Spike Result %R Limits Flag Result Added %R [C] [D] [A] [B] **Analytes** Chloride 66.2 115 172 92 80-120

**Lab Batch #:** 900714

 Date Analyzed:
 11/12/2012
 Date Prepared:
 11/12/2012
 Analyst:
 TTE

 QC- Sample ID:
 452203-012 S
 Batch #:
 1
 Matrix:
 Soil

Reporting Units: mg/kg MATRIX / MATRIX SPIKE RECOVERY STUDY Parent Spiked Sample **Inorganic Anions by EPA 300** Control Sample Spike Result %R Limits Flag Result Added [C] [D] %R [A] [B] **Analytes** Chloride 11.7 113 129 104 80-120

Matrix Spike Percent Recovery [D] = 100\*(C-A)/BRelative 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: Trunk "O" Myers

Work Order #: 452203 Project ID: (RP-2695)

**Lab Batch ID:** 901301 **QC- Sample ID:** 452203-011 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY														
BTEX by EPA 8021B	Parent Sample	Spike	Spiked Sample Result	Sample		Duplicate Spiked Sample		RPD	Control Limits	Control Limits	Flag				
Analytes	Result [A]	Added [B]	[C]	%R [D]	Added [E]	Result [F]	%R [G]	%	%R	%RPD					
Benzene	< 0.00105	0.105	0.0944	90	0.106	0.114	108	19	70-130	35					
Toluene	< 0.00211	0.105	0.0988	94	0.106	0.117	110	17	70-130	35					
Ethylbenzene	< 0.00105	0.105	0.0951	91	0.106	0.111	105	15	71-129	35					
m_p-Xylenes	< 0.00211	0.211	0.199	94	0.212	0.231	109	15	70-135	35					
o-Xylene	< 0.00105	0.105	0.0966	92	0.106	0.115	108	17	71-133	35					

**Lab Batch ID:** 901022 **QC- Sample ID:** 452203-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 11/15/2012 Date Prepared: 11/15/2012 Analyst: KEB

Reporting Units: mg/kg		M	IATRIX SPIK	E / MAT	RIX SPI	KE DUPLICA	TE REC	OVERY	STUDY		
TPH By SW8015 Mod	Parent Sample	Spike	Spiked Sample Result	Sample		Duplicate Spiked Sample		RPD	Control Limits	Control Limits	Flag
Analytes	Result [A]	Added [B]	[C]	%R [D]	Added [E]	Result [F]	%R [G]	%	%R	%RPD	
C6-C12 Gasoline Range Hydrocarbons	<15.5	1030	950	92	1040	976	94	3	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.5	1030	954	93	1040	961	92	1	70-135	35	



## **Sample Duplicate Recovery**



Project Name: Trunk "O" Myers

**Work Order #:** 452203

**Lab Batch #:** 900713 **Project ID:** (RP-2695)

 Date Analyzed:
 11/12/2012 12:40
 Date Prepared:
 11/12/2012
 Analyst:
 WRU

 QC- Sample ID:
 452258-001 D
 Batch #:
 1
 Matrix:
 Soil

Reporting Units: %	SAMPLE	SAMPLE	DUPLIC	ATE REC	OVERY
Percent Moisture	Parent Sample Result [A]	Duplicate Result	RPD	Control Limits %RPD	Flag
Analyte		[B]			
Percent Moisture	6.83	6.82	0	20	

Lab Batch #: 901092

 Date Analyzed:
 11/16/2012 13:00
 Date Prepared:
 11/16/2012
 Analyst:
 WRU

 QC- Sample ID:
 452203-002 D
 Batch #:
 1
 Matrix:
 Soil

Reporting Units: %	SAMPLE	SAMPLE	DUPLIC	ATE REC	OVERY
Percent Moisture  Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
1 mary te					
Percent Moisture	6.01	6.05	1	20	

## **Xenco Laboratories**

#### 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:	Ben J. Arguijo; Joel Low	ry		· · · · · · · · · · · · · · · · · · ·							. :		:		Pro	ject	Nam	e: <u>T</u>	runi	<u>( "O</u>	<u>" M</u>	yers				<del></del>	<del></del>	
	Company Name	Basin Environmental Ser	vice T	echnol	ogies, LLC									:	- :::		Pro	oject	#: <u>(</u> F	RP-2	695	<u>)                                    </u>	· ·						
: !!	Company Address:	P.O. Boy 301						:							_	P	roje	ct I c	oc: I o	a Co	ount	y, NN	Л					. ::	
	Company Address.	F.O. BOX 301			<u>.</u>										<b>-</b> :		. 0,0	<b>0.</b> L	<u>.</u>			<del>,,</del>	-		:	-		- :	
	City/State/Zip:	Lovington, NM 88260	1 11		<del></del>						* .				_ ::			PO	#: <u>B</u>	III Sc	outhe	ern U	Jnion	Gas	Ser	vices	<u>.                                      </u>		
	Telephone No:	(575)396-2378				Fax No:	<u>(5</u>	75)	396-	142	9			- 1	_ R	eport	For	mat:	X	Sta	anda	rd		□т	RRP			NPDE	s
	Sampler Signature:	al low	n			e-mail:	pı	n@	basi	nen	v.con	n ro	se.sla	ade@	sug.c	om												:	_
1007-1005-100-1	Kanama ( 11 km a a a a a a a a a a a a a a a a a a		7	5		· :			•					-:						TCLP	_	nalyz	e For	===	<del>-::-</del>				
lab use	ロについ	12	:						. :	:			11 '		. :					OTAL	_	団	$\exists$	X		1		, 72 hrs	
ORDE	R#:   ノハン\\ 		·	<u> </u>	:		1	P	Prese	rvat	ion &	# of	Conta	iners	_	atrix ≅ ≝	915B				g Se		٤	32bU				24, 48,	
LAB#(lab use only)	FIFE	TO CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered		ONH	HOI	H <sub>2</sub> SO <sub>4</sub>	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	None Other ( Specify)	rinking Water	CW = Groundwater S=Soll/Sol NP=Non-Potable Specify Oth	TPH: 418.1 8015M 80	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se		Semivolatiles	BTEX 8021B/5030 or BTEX 8260 RCI	N.O.R.M.	CHLORIDES	Total Dissolved Solids	RUSH TAT (Pre-Schedule) 2	Standard TAT 4 DAY
<u>.</u>	38	@ Surface	ш.		11/5/2012	1000		+	K	Ť	†				_	oil	х								1		П		х
ðχ	s	#6 @ 2'			11/5/2012	1130		7	K						_	oil										Х			х
03		#7 @ 2'			11/5/2012	1200	1		K	:					s	oil						111				X			х
<b>D4</b>	SP	<b>#8 @ 2'</b>			11/5/2012	1230	•		ĸ			: :.			S	oil	х					Ш				x	Ш	丄	х
೦ಕ	SP	<b>#9 @ 2'</b>			11/5/2012	100	•		<b>x</b> .						s	oil				<u>:</u>				┵	<u> </u>	X	Ш		х
00	SP#	10 @ 2'			11/5/2012	130	-		x						s	oil						Ш		$\bot$		X		_	Х
$\Gamma o$	SP#	11 @ 2'			11/5/2012	200	<u> </u>	1	x						S	oil				┸	L	Ш		4	_	X	Ш	_	X
୍ଠବ		12 @ 2'			11/5/2012	230	1		<u>x   _</u>			L			S	oil	Х		$\perp$			Ш	$\perp$	4	$\bot$	X	$\sqcup$		X
09	SP#	13 @ 2'		11.5	11/5/2012	300	<u> </u>	4	<u> </u>		1		$\sqcup$		S	oil	X	Ш				$\sqcup$		+	_	X	$\square$	4	X
(O		14 @ 2'			11/6/2012	900	_L:		<u> </u>				<u>L. L</u>		8	oil	Х		456 • 360	ner rens		25942000000	35.00 A 10.00 A	31 KV 54		X	V2:57/078	Spires	<u>  x</u>
Special	Instructions: Run Sample with I	lighest TPH for BTEX							<u></u> 						<u> </u>				Sami	ie C	ontai	ners	ents: Intac Ispac	2			Ø Y	N (N	罴
Relinduis	shed By:	Date	1	ime	Received by:			21	•						ate		Time	е	abel Custo	s on dy s	cont eals	ainer on co	(s) ontair	ner(s	)		Y)	N S	
Relinquis	shed by:	11/8/12 Date	3: T		Received by:										Date		Time	e	Samr b	le H	and I	Delive /Clien	ooler ered it Ref UPS	), ?	)HL		Y Y IEX	N N N Lone S	
Relinquis	shed by:	Date	Т	ime	Received/by EL	от: //	V.								Date 8/12	3	Time 2:		Temp	eratu	ire U	ipon	Rece	ipt:		4	ۍ.5	°C	

Page 18 of 20

Final 1.000

## **Xenco Laboratories**

#### 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:	Ben J. Arguijo; Joel Lov	vry													F	roje	ct Na	me:	Tru	ınk	<u>"O"</u>	" Мус	ers						
	Company Name	Basin Environmental Se	rvice Te	chnol	ogies, LLC												P	roje	ct #:	(RF	P-26	95)								
	Company Address:	P.O. Box 301				:		:				. :			:	•							, NM							- 1
			1							<del></del>		:				•	. 10	ject	LUC.	LCa		anty	; 14101				<del></del>	+	=	
	City/State/Zip:	Lovington, NM 88260								- ::::						•		P	0#:	Bill	Sou	the	rn Un	ion (	as :	3erv	ices	: :	:	<u> </u>
	Telephone No:	(575)396-2378	_	. <u> </u>		Fax No:		(57	5) 39	96-1 <sub>4</sub>	429					Repo	ort Fo	orma	t:	X	Star	ndaro	d		TRI	: RP		□. NE	PDES	S
	Sampler Signature:	Ocel Jones	· · · · · ·			e-mail:		pm	@ba	sine	env.c	om	rose	.slad	e@s	ug.com														
			X			•				-			:		: 1			• .	:			Ana	alyze	For:		:				1
(lab use	115001	1															F	- : : :	-		CLP:			X	$\prod$				72 hrs	
ORDEF	?#: 7000C								Pre	eserv	ation	<b>&amp;</b> #	of Co	ontain	ers	Matrix	40					g	丁	$\neg$	- I				8,	
ise only)			Depth	Ę		yled		tainers							у)	Water SL=Sludg water S=Soil/Soil	8015M 801	TX 10	g, Na, K)	4, Alkalinity)	EC .	Metals: As Ag Ba Cd Cr Pb Hg Se		BTEX 8021B/5030 or BTEX 8260				ved Solids	re-Schedule) 24,	Standard TAT 4 DAY
AB#(lab u	FIEL	D CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	loe	HNO <sub>3</sub>	HCI	12504	Nach Nacso	None	Other ( Specify	DW=Drinking Water GW = Groundwater	NP = Non-Potable TPH: 418.1	1	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	letals: As Ag I	Volatiles Semivolatiles	TEX 8021B/5	RCI	N.O.R.M.	CHLORIDES	Fotal Dissolved Solids	RUSH TAT (F	tandard T
1	SP#	15 @ 2'		<u>. ш .</u>	11/6/2012	930	Ľ	1	Н		$\dashv$					Soil	X		J	4	0).	_	7	+"	1		X	╁	†	X
ľλ	11.	15 @ 4'			11/6/2012	945		1	x			+				Soil	Ť										x	+		X
۱3		16 @ 2'			11/6/2012	1000		1	Х					-		Soil	Tx							T	П		х			х
14		17 @ 2'			11/6/2012	1030		1	х	7		T				Soil	T <sub>x</sub>	-									х	$\top$		x
15	SP#	21 @ 2'			11/6/2012	1230		1	х							Soil	$T_{x}$						1	1	П	П	х			х
Ιφ	SP#	22 @ 2'			11/6/2012	100		1	х					1	- :	Soil								1	П		х			х
•													1	. :					:											
				:														1:.							~					1 1
					: '															1						. :				
						:																								
Special I	nstructions: Run Sample with H	lighest TPH for BTEX		<u> </u>			, i i	•			::::							111	Lab	oral	ory Can	Con	nmen ers In	ts:					N-	
	111 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1									:::													eadsp			22022	. \	<u> </u>	N	
≹@(inquisi	ed by:	11/8/17	Tim 3:10		Received by:	•		-					1		Da	te	Tin	ne	Cus	tody	sea	ls oi	ner(s n con	tainei					N N	ver the
Relinquish	0	' D'ate	Tim	e :	Received by:										Da	te	Tin	ne		iple by S	Han	d De ler/C	n coo elivere lient F Ul	ed Rep. ?	A. Z.		FedE	( ( x Lo	N N N ne St	
Relinquish	ned by:	Date	Tim	е	Réceived by EL0	ЭТ.									Da	te	Tin	ne	Ten				on Re						°C	



#### **XENCO Laboratories**



### Prelogin/Nonconformance Report- Sample Log-In

Client: PLAINS ALL AMERICAN EH&S

Date/ Time Received: 11/09/2012 10:00:00 PM

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

Temperature Measuring device used :

ork Order #: 45	52203	Temp	perature Measuring de	evice used :
		Sample Receipt Che	ecklist	Comments
#1 *Temperature	of cooler(s)?		9.7	
#2 *Shipping con	tainer in good condition?	•	Yes	
#3 *Samples rece	eived on ice?		Yes	
#4 *Custody Seal	Is intact on shipping con	ainer/ cooler?	Yes	
#5 Custody Seals	s intact on sample bottles	s?	Yes	
#6 *Custody Seal	Is Signed and dated?		Yes	
#7 *Chain of Cus	tody present?		Yes	
#8 Sample instru	ctions complete on Chai	n of Custody?	Yes	
#9 Any missing/e	xtra samples?		No	
#10 Chain of Cus	stody signed when reling	Yes		
#11 Chain of Cus	stody agrees with sample	label(s)?	Yes	
#12 Container lab	pel(s) legible and intact?		Yes	
#13 Sample matr	ix/ properties agree with	Chain of Custody?	Yes	
#14 Samples in p	proper container/ bottle?		Yes	
#15 Samples pro	perly preserved?		Yes	
#16 Sample conta	ainer(s) intact?		Yes	
#17 Sufficient sar	mple amount for indicate	d test(s)?	Yes	
#18 All samples r	received within hold time	?	Yes	
#19 Subcontract	of sample(s)?		Yes	
#20 VOC sample	s have zero headspace	(less than 1/4 inch bubble	e)? Yes	
#21 <2 for all san	nples preserved with HN	O3,HCL, H2SO4?	Yes	
#22 >10 for all sa	imples preserved with Na	aAsO2+NaOH, ZnAc+Na0	OH? Yes	
Must be complet	ted for after-hours deliv	very of samples prior to	placing in the refrige	rator
Analyst:	PH Device	ce/Lot#:		
Check	— klist completed by:		 Date:	
Chec	 cklist reviewed by:			

Date:



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

TICKET No. 225838

LEASE OPERATOR/SHIPPER/COMPANY: SUG	
LEASE NAME: TRUNCO TAUE	75
TRANSPORTER COMPANY: 645/11	FNULL TIME? 13 AM/PM
DATE: 11 7 12 VEHICLE NO:	GENERATOR COMPANY MAN'S NAME: URTIS STANKE
CHARGE TO: GUG	RIG NAME AND NUMBER
TYI	PE OF MATERIAL
[ ] Production Water	[ ] Drilling Fluids [ ] Rinsate
[ ] Tank Bottoms	[ ] Contaminated Soil [ ] Jet Out
[ ] Solids	[ ] BS&W Content: [ ] Call Out
Description:	
RRC or API #	C-133#
VOLUME OF MATERIAL [ ] BBLS	: []YARD_2 : []
TICKET, OPERATOR/SHIPPER REPRESENTS AND MATERIAL EXEMPT FROM THE RESOURCE, CONSITO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALT THERETO, BY VIRTUE OF THE EXEMPTION AFFOR ASSOCIATED WITH THE EXPLORATION, DEVELO GEOTHERMAL ENERGY.  ALSO AS A CONDITION TO SUNDANCE SERVICE TICKET. TRANSPORTER REPRESENTS AND OPERATOR/SHIPPER TO TRANSPORTER IS NOW FACILITY FOR DISPOSAL.  THIS WILL CERTIFY that the above Transporter above described location, and that it was tendered materials were added to this load, and that the materials were added to this load, and that the materials were service (SIGNATURE)	INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS ERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED ROBED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE OPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR WARRANTS THAT ONLY THE MATERIAL DELIVERED BY DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S aloaded the material represented by this Transporter Statement at the do by the above described shipper. This will certify that no additional atterial was delivered without incident.

## SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88 (575) 394-2511	3231	IICKEI No.	2250	17
LEASE OPERATOR/SHIPPER/COMPANY:				
LEASE NAME: TRUNK D MAYERS				
TRANSPORTER COMPANY: BASIN FAVI	R	TIME	12:00	AM/PM
DATE: 1/7/12 VEHICLE NO: 8	GENER	RATOR COMPANY MAN'S NAME:	75 87	ANIP
CHARGE TO: SUG		G NAME ND NUMBER		11000
TVO	05.14.1====			
	OF MATERIAL			
	] Drilling Fluids	[ ] Rinsate		
	Contaminated Soil	[ ] Jet Out		
[ ] Solids [	BS&W Content:	[ ] Call Out		
Description: O/D				
RRC or API #		C-133#		
VOLUME OF MATERIAL [ ] BBLS:	[ ] YARD	2	[]	
	RRANTS THAT THE WAS ATION AND RECOVERY AND SAF. CODE § 361.001 D DRILLING FLUIDS, PROBLEM OF THE READ TO THAT ONLY LIVERED BY TRANSPORTED BY	TE MATERIAL SHIPPEI CT OF 1976, AS AMENI 1 et seq., AND REGULA DDUCED WATERS, AND DF CRUDE OIL OR NATE MATERIAL DE THE MATERIAL DE THE MATERIAL DE THE TO SUNDANCE STOPE. This will certify the incident.	D HEREWITH DED FROM T TIONS RELA D OTHER WA TURAL GAS DELIVERED ERVICES, IN Statement at at no addition	H IS TIME TED ASTE OR JOB BY IC:'S
Re-order from: TOTALLY SHARP ADVERTIS	ING • 432-586-5401 • www.Promos	Supermarket.com		

TICKET No. 225802

(575) 394-2511	
LEASE OPERATOR/SHIPPER/COMPANY:	
LEASE NAME: TRUCK O MYERS	
TRANSPORTER COMPANY:	NUFATAL TIME 11'27(AM)PM
DATE: 1 7 12 VEHICLE NO: 12	GENERATOR COMPANY MAN'S NAME: CLIPATIC STANLE
CHARGE TO: SUG	RIG NAME AND NUMBER
TYPE OF	MATERIAL
7	illing Fluids [ ] Rinsate
	ntaminated Soil [ ] Jet Out
[ ] Solids [ ] BS	&W Content: [ ] Call Out
Description:	
RRC or API #	C-133#
VOLUME OF MATERIAL [ ] BBLS:	[]YARD: []
IICKET, OPERATOR/SHIPPER REPRESENTS AND WARRAI MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND STHERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT GEOTHERMAL ENERGY.  ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S TICKET. TRANSPORTER REPRESENTS AND WARRAIN	above described shipper. This will certify that no additional
White - Sundance Canary - Sund	lance Acct #1 Pink - Transporter

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

TICKET No.

225784

(3/3) 394-23	)	
LEASE OPERATOR/SHIPPER/COMPANY:	GEN ENVIRONA	MAN TO THE REAL PROPERTY OF THE PARTY OF THE
LEASE NAME: TRUCK O' ME	IER	
TRANSPORTER COMPANY: BASIN &	ENVIRONMENTA	TIME 10 10 CAM/PM
DATE: 1712 VEHICLE NO:	GENERA	TOR COMPANY MAN'S NAME: CURTIC STAWITY
CHARGE TO: SUG		NAME NUMBER
	TYPE OF MATERIAL	
[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	[ ] Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out
Description:		
RRC or API #		C-133#
VOLUME OF MATERIAL [ ] BBLS	: [] YARD /2	; []
AS A CONDITION TO SUNDANCE SER TICKET, OPERATOR/SHIPPER REPRESENT: MATERIAL EXEMPT FROM THE RESOURCE, TO TIME, 40 U.S.C. § 6901, et seq., THE NM THERETO, BY VIRTUE OF THE EXEMPTION ASSOCIATED WITH THE EXPLORATION, DIED GEOTHERMAL ENERGY.  ALSO AS A CONDITION TO SUNDANCE SICKET. TRANSPORTER REPRESENTS OPERATOR/SHIPPER TO TRANSPORTER IS FACILITY FOR DISPOSAL.  THIS WILL CERTIFY that the above Transpose described location, and that it was to materials were added to this load, and that	S AND WARRANTS THAT THE WAST. CONSERVATION AND RECOVERY AC' HEALTH AND SAF. CODE § 361.001 ( AFFORDED DRILLING FLUIDS, PROD DEVELOPMENT OR PRODUCTION OF ERVICES, INC.'S ACCEPTANCE OF THE AND WARRANTS THAT ONLY S NOW DELIVERED BY TRANSPORTI	E MATERIAL SHIPPED HEREWITH IS T OF 1976, AS AMENDED FROM TIME et seq., AND REGULATIONS RELATED DUCED WATERS, AND OTHER WASTE F CRUDE OIL OR NATURAL GAS OR  MATERIALS SHIPPED WITH THIS JOB THE MATERIAL DELIVERED BY ER TO SUNDANCE SERVICES, INC.'S  d by this Transporter Statement at the wer. This will certify that no additional
FACILITY REPRESENTATIVE:	Delo	2
White - Sundance	Canary - Sundance Acct #1	Pink - Transporter
Re-order from: TOTALLY S	HARP ADVERTISING • 432-586-5401 • www.PromoSu	permarket.com



(575) 394-2511		
LEASE OPERATOR/SHIPPER/COMPANY: SUC		
LEASE NAME: TRUCK O MYERS		
TRANSPORTER COMPANY: BASIN ENV	I ONMENTAL	TIMES :55 AM/PM
DATE: VEHICLE NO: 8	GENERATOR COM MAN'S	
CHARGETO: SUG	RIG NAME AND NUMBE	R
ТҮРЕ	OF MATERIAL	
[ ] Production Water [	] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	1 Contaminated Soil	[ ] Jet Out
[ ] Solids	BS&W Content:	[ ] Call Out
Description:		
RRC or API #		C-133#
VOLUME OF MATERIAL [ ] BBLS:	[ ] YARD	: []
	ARRANTS THAT THE WASTE MAT VATION AND RECOVERY ACT OF 1: AND SAF. CODE § 361.001 et seq. ED DRILLING FLUIDS, PRODUCED MENT OR PRODUCTION OF CRUI INC.'S ACCEPTANCE OF THE MATE ARRANTS THAT ONLY THE ELIVERED BY TRANSPORTER TO  ded the material represented by th by the above described shipper. Thi itial was delivered without incident.  Sundance Acct #1  Pin	TERIAL SHIPPED HEREWITH IS 1976, AS AMENDED FROM TIME AND REGULATIONS RELATED WATERS, AND OTHER WASTE DE OIL OR NATURAL GAS OR RIALS SHIPPED WITH THIS JOB MATERIAL DELIVERED BY SUNDANCE SERVICES, INC.'S is Transporter Statement at the swill certify that no additional with the swill certify that no additional six of the statement of the swill certify that no additional six of the swill certify that no additional six of the statement of the swill certify that no additional six of the swill certify that
Re-order from: TOTALLY SHARP ADVER	TISING • 432-586-5401 • www.PromoSupermark	et.com

## SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexi (575) 394-2511	11CKEI NO. 225843
LEASE OPERATOR/SHIPPER/COMPANY:	
LEASE NAME: TENTED MYE	RS
TRANSPORTER COMPANY: DASIN	NVIR TIME Z () (AM/PM)
DATE: 7 2 VEHICLE NO: 9	GENERATOR COMPANY MAN'S NAME: CHROLS STALEY
CHARGE TO: 5UG	RIG NAME AND NUMBER
TY	PE OF MATERIAL
[ ] Production Water	[ ] Drilling Fluids [ ] Rinsate
[ ] Tank Bottoms	[ ] Contaminated Soil [ ] Jet Out
[ ] Solids	[ ] BS&W Content: [ ] Call Out
Description:	
RRC or API #	C-133#
VOLUME OF MATERIAL [ ] BBLS	: [] YARD: []
MATERIAL EXEMPT FROM THE RESOURCE, CONSI TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALT THERETO, BY VIRTUE OF THE EXEMPTION AFFOR ASSOCIATED WITH THE EXPLORATION, DEVELO GEOTHERMAL ENERGY.  ALSO AS A CONDITION TO SUNDANCE SERVICE	INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS ERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME THAND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED ROED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE PMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR
TICKET. TRANSPORTER REPRESENTS AND	WARRANTS THAT ONLY THE MATERIAL DELIVERED BY DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S
<b>THIS WILL CERTIFY</b> that the above Transporter I above described location, and that it was tendered materials were added to this load, and that the ma	oaded the material represented by this Transporter Statement at the I by the above described shipper. This will certify that no additional terial was delivered without incident.
DRIVER:	NOAC
FACILITY REPRESENTATIVE:  (SIGNATURE)	el Cee
White - Sundance Canar	y - Sundance Acct #1 Pink - Transporter

#### SUNDANCE SERVICES, Inc. P.O. Box 1737 Eunice, New Mexico 88231 TICKET No. (575) 394-2511 LEASE OPERATOR/SHIPPER/COMPANY: LEASE NAME: TRANSPORTER COMPANY: TIME AM/PM DATE: **VEHICLE NO:** GENERATOR COMPANY MAN'S NAME: **CHARGE TO:** RIG NAME AND NUMBER **TYPE OF MATERIAL** [ ] Production Water [ ] Drilling Fluids [] Rinsate [ ] Tank Bottoms [ ] Contaminated Soil [ ] Jet Out [ ] Solids [ ] BS&W Content: [ ] Call Out Description: RRC or API# C-133# **VOLUME OF MATERIAL** [ ] BBLS. [ ] YARD [] AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB

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:	I reser	
(SIGNATURE)	0000	
FACILITY REPRESENTATIVE		

(SIGNATURE)

White - Sundance Canary - 5

Canary - Sundance Acct #1

Pink - Transporter

# SUNDANCE SERVICES, Inc. P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511 LEASE OPERATOR/SHIPPER/COMPANY: LEASE NAME: TRANSPORTER COMPANY: DATE: VEHICLE NO: RIG NAME AND NUMBER TYPE OF MATERIAL

Description: OD

[ ] Drilling Fluids

[ ] BS&W Content:

[ | Contaminated Soil

RRC or API # C-133#

[ ] Production Water

[ ] Tank Bottoms

[ ] Solids

VOLUME OF MATERIAL [ ] BBLS.\_\_\_\_\_: [ ] YARD\_\_\_\_: [ ]

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

[ ] Rinsate

[ ] Jet Out

[ ] Call Out

AM/PM

(575) 394-2511		1000000
LEASE OPERATOR/SHIPPER/COMPANY:	6	
LEASE NAME: TRUCK O" N	NYFR	
TRANSPORTER COMPANY: BASIN E	NVIRONMENT	TIME 10:11 (AM/PM
DATE: VEHICLE NO: 9	GENER	ATOR COMPANY MAN'S NAME: ALIPTIS STUDIE
CHARGE TO: SUG		NAME D NUMBER
		DINOMBER
	TYPE OF MATERIAL	
[ ] Production Water	[ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms	Contaminated Soil	[ ] Jet Out
[ ] Solids	[ ] BS&W Content:	[ ] Call Out
Description:		
RRC or API #		C-133#
VOLUME OF MATERIAL [ ] BBLS	: []YARD_/	2: []_
AS A CONDITION TO SUNDANCE SERVIC TICKET, OPERATOR/SHIPPER REPRESENTS A MATERIAL EXEMPT FROM THE RESOURCE, CO TO TIME, 40 U.S.C. § 6901, et seq., THE NM HE THERETO, BY VIRTUE OF THE EXEMPTION AF ASSOCIATED WITH THE EXPLORATION, DEV GEOTHERMAL ENERGY.  ALSO AS A CONDITION TO SUNDANCE SERVICKET. TRANSPORTER REPRESENTS AN OPERATOR/SHIPPER TO TRANSPORTER IS N FACILITY FOR DISPOSAL.	IND WARRANTS THAT THE WAST DNSERVATION AND RECOVERY AC EALTH AND SAF. CODE § 361.001 FORDED DRILLING FLUIDS, PRO ELOPMENT OR PRODUCTION O VICES, INC.'S ACCEPTANCE OF THI ID WARRANTS THAT ONLY OW DELIVERED BY TRANSPORT	TE MATERIAL SHIPPED HEREWITH IS CT OF 1976, AS AMENDED FROM TIME et seq., AND REGULATIONS RELATED DUCED WATERS, AND OTHER WASTE F CRUDE OIL OR NATURAL GAS OR EMATERIALS SHIPPED WITH THIS JOB THE MATERIAL DELIVERED BY THE TO SUNDANCE SERVICES, INC.'S
THIS WILL CERTIFY that the above Transpor above described location, and that it was tend materials were added to this load, and that the DRIVER:	ered by the above described shini	per This will certify that no additional
FACILITY REPRESENTATIVE: (SIGNATURE)	905 Ce	ne 00
	nary - Sundance Acct #1	Pink - Transporter
Re-order from: TOTALLY SHAR	P ADVERTISING • 432-586-5401 • www.PromoS	upermarket.com



(5/5) 394-2511	
LEASE OPERATOR/SHIPPER/COMPANY:	
LEASE NAME: TRUCK 'O" MYEES	
TRANSPORTER COMPANY: BASIN ENVIRON MY	TIME 8:53 CAM/PM
DATE: 117/12 VEHICLE NO: 9	GENERATOR COMPANY MAN'S NAME:
CHARGE TO: SUG	RIG NAME
	AND NUMBER
TYPE OF MATERIAL	
[ ] Production Water [ ] Drilling Fluids	[ ] Rinsate
[ ] Tank Bottoms [ ] Contaminated Soi	il [ ] Jet Out
[ ] Solids [ ] BS&W Content:	[ ] Call Out
Description:	
RRC or API #	C-133#
VOLUME OF MATERIAL [ ] BBLS: [ ] YARD	12
	1 6
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE NAME OF THE NAME OF THE NAME OF THE NAME OF THE EXEMPTION AND SAF. CODE § 361 THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION GEOTHERMAL ENERGY.  ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT OF OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSFEACILITY FOR DISPOSAL.  THIS WILL CERTIFY that the above Transporter loaded the material representation of the production of the service of the	WASTE MATERIAL SHIPPED HEREWITH IS RY ACT OF 1976, AS AMENDED FROM TIME 1.001 et seq., AND REGULATIONS RELATED PRODUCED WATERS, AND OTHER WASTE ON OF CRUDE OIL OR NATURAL GAS OR FTHE MATERIALS SHIPPED WITH THIS JOB NLY THE MATERIAL DELIVERED BY PORTER TO SUNDANCE SERVICES, INC.'S I
FACILITY REPRESENTATIVE:	) 6
(SIGNATURE)	
White - Sundance Canary - Sundance Acct #1	Pink - Transporter
Re-order from: TOTALLY SHARP ADVERTISING • 432-586-5401 • www.Pi	romoSupermarket.com

(575) 394-2511	11CKL1 NO. 223939
LEASE OPERATOR/SHIPPER/COMPANY:	116
LEASE NAME: Trunk "0" A	711015
TRANSPORTER COMPANY: Basin F	TIME 9:50 (AM/PM
DATE: 11-8-12 VEHICLE NO: 8	GENERATOR COMPANY MAN'S NAME:
CHARGETO: 511C7	RIGNAME
	AND NUMBER
	OF MATERIAL
	] Drilling Fluids [ ] Rinsate
	Contaminated Soil [ ] Jet Out
[ ] Solids	] BS&W Content: [ ] Call Out
Description:	
RRC or API #	C-133#
VOLUME OF MATERIAL [ ] BBLS. :	V1.1100 17
	YARD: []
MATERIAL EXEMPT FROM THE RESOURCE, CONSERVE TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH, THERETO, BY VIRTUE OF THE EXEMPTION AFFORDER ASSOCIATED WITH THE EXPLORATION, DEVELOPM GEOTHERMAL ENERGY.  ALSO AS A CONDITION TO SUNDANCE SERVICES, INTICKET. TRANSPORTER REPRESENTS AND WARD OPERATOR/SHIPPER TO TRANSPORTER IS NOW DEFACILITY FOR DISPOSAL.  THIS WILL CERTIFY that the above Transporter load.	C.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB ARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS VATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED ED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR NC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB ARRANTS THAT ONLY THE MATERIAL DELIVERED BY ELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S aled the material represented by this Transporter Statement at the state above described shipper. This will certify that no additional all was delivered without incident.
	Sundance Acct #1 Pink - Transporter
	SING • 432-586-5401 • www.PromoSupermarket.com

(575) 394-2511	the test of the test
LEASE OPERATOR/SHIPPER/COMPANY: 5110	7
LEASE NAME: Trunk "O"	TUEVS
TRANSPORTER COMPANY: BASIN FINE	TIME 1:53 (AM/PM
DATE: 11-8-12 VEHICLE NO: 9	GENERATOR COMPANY MAN'S NAME:
CHARGE TO: 51167	RIGNAME
	AND NUMBER
ТҮР	E OF MATERIAL
[ ] Production Water	[ ] Drilling Fluids [ ] Rinsate
	Contaminated Soil [ ] Jet Out
[ ] Solids	[ ] BS&W Content: [ ] Call Out
Description:	
RRC or API #	C-133#
VOLUME OF MATERIAL [ ] BBLS:	1 YARD 2 : []
MATERIAL EXEMPT FROM THE RESOURCE, CONSERTO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH THERETO, BY VIRTUE OF THE EXEMPTION AFFORE ASSOCIATED WITH THE EXPLORATION, DEVELOPE GEOTHERMAL ENERGY.  ALSO AS A CONDITION TO SUNDANCE SERVICES, TICKET. TRANSPORTER REPRESENTS AND V	C.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB VARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS VATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED JED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE MENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR  INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB VARRANTS THAT ONLY THE MATERIAL DELIVERED BY
FACILITY FOR DISPOSAL.  THIS WILL CERTIFY that the above Transporter los	DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S  added the material represented by this Transporter Statement at the
materials were added to this load, and that the mate	by the above described shipper. This will certify that no additional rial was delivered without incident.
DRIVER: (SIGNATURE)  FACILITY REPRESENTATIVE: (SIGNATURE)	ta Creiz
White - Sundance Canary	- Sundance Acct #1 Pink - Transporter
Re-order from: TOTALLY SHARP ADVE	TTISING • 432-586-5401 • www.PromoSupermarket.com

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
10 Britzos Road, Aztec, NM 87410

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

RECEIVET Form C-141 Revised October 10, 2003

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

#### Release Notification and Corrective Action

			Kele	ase Nounc		OPERA	V	LEXVII	2 2 20	al Report [	☐ Final Report
Name of Company: Southern Union Gas Services				10	Contact: Rose Slade Telephone No. 817-302-9716						
Address: 80 Facility Nar	Address: 801 S. Loop 464 Monahans, TX. 79756 Facility Name: Trunk "O" line						e: Gathering Pip			en jagabanini keraspatan pada anga anakaman (spering) palamban at keri Galamban anga dalamban dipinangan permetan dipinangan anga labih labih	
Surface Ow	ner: Kelly	Myers	CONTRACTOR OF THE PARTY OF THE	Mineral O	wner		anga anga mandaman anna proponenti harangar inandaman da mandaman Pr	k	Lease N	$_{i}$	
				LOCA	TION	OFRE	LEASE				
Unit Letter	Section	Township	Range	Feet from the		North/South Line   Feet from the   East/West Line   County   Lea County					
C	35	23S	36E	A CONTRACTOR OF THE PARTY OF TH		and the state of t	agrappianishan sa sinaansistaan aasaansi kalka Saadan yaasti aanaa ah dadada	and the latter and a first fall of the	gyagani, marking on in ingengelahan merupakan	1	promotivate and entry of a real fields in the first and another medium, instruction
					To Street	5 Longitud OF REL	e <u>:W 103 14:375</u> FASE				
Type of Rele	ase: 8 bbls.	Produced wa	rer & 2 bb	The state of the s	UNU	Volume of	Release: 10 barrel f natural gas	s &		Recovered: 0	
Source of Re	lease: Rele	ase on 30° pip	ocline			1	four of Occurrenc (time unknown)	e:	Date and At 9:00A	Hour of Discov M	ery: 3/19/2011
Was Immedi	ate Notice	Given?	l Yes 🌣	No □ Not Re	equired	IFYES, To	Whom?				and the second s
By Whom?		Service Control of the Control of th				Date and I					
	course Rea	iched?	Yes ∑	No		If YES, V	olume Impacting t	he Wate	ercourse.		
If a Waterco	urse was In	npacted, Descr	ribe Fully.								
A natural g	as pipelin	olem and Remo e developed replaced at a	a leak wh	ile operating at I	ess tha	n 35 PSI. T	he leak was exca	ivated	and the af	fected area wa	is temporarily
		1 271	A ation To	lean #	A CONTRACTOR OF THE PARTY OF TH	with the second			ng a negeri a reception de la marce de la value d	anna ipona dobra de la companya de la manda de la companya de la companya de la companya de la companya de la c	a francis de l'imperior ce di distribution à describé i persident d'un s'acte à mainific agre-
The area affi	ected is app NMOCD	regulatory gui	00'x150' a delines.	lot of the release							
regulations of public health should their or the environments	all operator n or the env operations Siment. In	s are required vironment. The have failed to addition, NM	to report of e acceptar adequatel OCD acce	re is true and compand/or file certain and or file certain and according to the certain according	reicase nort by the comedian	e NMOCD i	narked as "Final R tion that pose a thr ve the operator of	eport" eat to g respons	does not re ground wate sibility for	lieve the operate er, surface water compliance with	or of liability r, human health h any other
federál, state, or/local laws and/or regulations.  OIL CONSERVATION DIVISION  Signature: OIL CONSERVATION DIVISION											
Printed Nan	ie: Rosa L.	Slade				Approved b	ENV. ENCINA District Supervis	ion: A	soffran	4 Lobbine	
e: EHS	Compliance	e Specialist				Approval D	ate: 03/2/3/20	111	Expiration	Date: 0 5/2	3/20W
1		lade/a/sug.con				Conditions	of Approval: \$UB 05\23\26\	MIT F	MAL	Attached [	□ -11-2695
Date:	litional Sh	eets If Neces		e: 432-940-5147						11111 - 3	Total Color

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 Revised October 10, 2003 Submit 2 Copies to appropriate

Form C-141

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

#### **Release Notification and Corrective Action**

						OPE	RATOR		Initia	al Report	
Name of Company Southern Union Gas Services, Ltd.				Contact				Crystal Callaway			
Address 801 S. Loop 464, Monahans, TX, 79756					Telephone No. 817-302-940'				2823 103003 1002-031		
Facility Name: Trunk "O" (Meyers) (RP-2695)					Facility Type Gathering Pipel				nering Pipeline		
Surface Ow	ner Kelly	/ Mevers	*	Mineral O	wner:				Lease N	Jo.	
Surface Ow	ner Reny	vivicycis		Willierar	wiici.	-5. C		***	Ecase 1		
			103			N OF RE					
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the	East/W	est Line	County	
C	35	23S	36E							L	Lea
	Latitude N32 16.005 Longitude W103 14.375										
	NATURE OF RELEASE										
Type of Rele	ase: 8 bbls	s, Produced wa	ater & 2 b	bls, Crude oil			Release 10 barre CF Nat. Gas	els &	Volume F	Recovered	0
Source of Re	lease: Rele	ase on 30" pip	oeline		3		Hour of Occurrence	ce			scovery 3/19/2011
	37.1.2	2. 0					(time unknown)		Time:9:00	DAM	
Was Immedia	ate Notice (	2000 P. S. C.	Yes 🛭	No □ Not Re	quired	If YES, To	whom?				
By Whom?						Date and H	Hour:				
Was a Water	course Read	ched?				If YES, Vo	olume Impacting t	the Water	rcourse.		
			Yes	⊠ No							
If a Watercou	ırse was Im	pacted, Descr	ibe Fully.				37,000			- 1.51.44	
Describe Cau	se of Probl	em and Reme	dial Action	n Taken:						777	47.11
			1 1 1		25 D	CT		the effect			mile, manaigad and swill
be replaced a			k while op	erating at less that	n 35 P	Si. The leak w	as excavated and	the arrec	ned area w	as tempora	rily repaired and will
ве геріасси а	t a later date	·.									
Describe Are	a Affected	and Cleanup A	Action Tak	ten.							
				' a lot of the rele	ease be	came airborn	e with the strong	winds b	lowing.	The release	will be remediation
according to	NMOCD re	egulatory guid	elines.								
On November	er 5. 2012.	affected soil	was exca	vated and approx	imatel	v 144 cubic v	vards of impacted	d soil wa	is transpo	rted to Sun	dance Services, Inc.
(NMOCD Pe	ermit #01-0	0003). Based	on the an	alytical results of	f excav	vation confirm	nation sampling	and with	NMOCE	approval,	the excavation was
backfilled.											
Please refere	ence the at	tached Rasin	Environ	nental Services T	rechno	logies Remed	liation Summary	and Site	Closure	<i>Request</i> for	details of remedial
activities and			LIIVII OIII	nentai sei vices i	cenno	nogles Remen	auton Summary	unu suc	2.000	request for	
I hereby certi	ify that the	information g	given abov	e is true and con	nplete t	to the best of	my knowledge a	nd under	stand that	pursuant to	NMOCD rules and
regulations a	ll operators	are required	to report	and/or file certain	releas	se notification	s and perform co	orrective :	actions for	r releases, v	which may endanger
public health	or the envi	ironment. Th	e acceptar	ice of a C-141 rep	port by	the NMOCL	marked as "Fina	ai Keport breat to o	round wa	t reneve the ter surface	e operator of liability water, human health
or the enviro	nment In	addition NM	IOCD acc	entance of a C-14	41 rend	ort does not r	elieve the operate	or of rest	onsibility	for compli	iance with any other
		ws and/or regu		epiance of a c 1	ер.			1	,		
	$\bigcap$	10/	1 11				OIL CON	SERV	ATION	DIVISIO	<u>ON</u>
G:	11/10	alex (	0///	2. cen							
Signature: A Carrier and Carri											
Printed Name	: Crystal	Callaway	Sec. 10.			Approved by	District Supervis	or.			000
		ental Remedia	ntion Spec	ialist		Approval Da	te:	E	Expiration	Date:	
			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					I I			
Sec. 2 14		Callaway@R		Several resources as transported		Conditions of	i Approvai:				
Date: 11/17/2	.014		Phone:	817/302-9407							