Basin Environmental Service Technologies, LLC

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Effective Solutions

REMEDIATION SUMMARY &

SITE CLOSURE REQUEST

REGENCY FIELD SERVICES
TRUNK "O" #2 (1RP-1508)
HISTORICAL RELEASE SITE
Lea County, New Mexico
Unit Letter "M" (SW/SW), Section 22, Township 22 South, Range 36 East
Latitude 32° 22.298' North, Longitude 103° 15.558' West
NMOCD Reference # 1RP-1508

Prepared For:

Regency Field Services, LLC
801 S. Loop 464
Monahans, TX 79756

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

September 2013

Joel W. Lowry
Project Manager

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APPENDICES

1.0 INTRODUCTION & BACKGROUND INFORMATION

Basin Environmental Service Technologies, LLC (Basin), on behalf of Regency Field Services (Regency), has prepared this *Remediation Summary & Site Closure Request* for the Trunk "O" #2 Historical Release Site (1RP-1508). The legal description of the release site is Unit Letter "M" (SW/SW), Section 22, Township 22 South, Range 36 East, in Lea County, New Mexico. The geographic coordinates of the release site are 32° 22.298' North latitude and 103° 15.558' West longitude. The property affected by the release is owned by the Dasco Land and Cattle Company. Please reference Figure 1 for a "Site Location Map".

On July 21, 2007, Regency discovered a release had occurred on the Trunk "O" Pipeline. The "Release Notification and Corrective Action Form" (Form C-141) indicated failure of a section of thirty-inch (30") low-pressure pipeline resulted in the release of approximately seventy-five barrels (75 bbls) of a mixture of crude oil, produced water and natural gas. In addition, two thousand, one hundred and sixty (2,160) Mcf of natural gas were lost during the release. During initial response activities, approximately fifty barrels (50 bbls) of fluid was recovered, and heavily saturated soil was pushed up toward the point of release. The release was attributed to excess fluid being delivered by a producer, causing the line to pressure up and fail. The New Mexico Oil Conservation Division (NMOCD) Hobbs District Office was notified of the release immediately. The From C-141 indicated the release affected approximately three thousand, one hundred and fifty square feet (3,150 ft^2) of pasture land and one thousand, eight hundred square feet (1,800 ft^2) of caliche lease road. General photographs of the release site are provided as Appendix A. The Form C-141 is provided as Appendix D.

Previous remediation activities were conducted at the Trunk "O" #2 Release Site by an environmental contractor that is no longer affiliated with the site. The nature and extent of the aforementioned activities remains unclear, as environmental reports and work records are not readily available.

On June 22, 2012, at the request of Regency, Basin assumed remediation responsibilities at the Trunk "O" #2 Historical Release Site.

2.0 NMOCD SITE CLASSIFICATION

A search of the New Mexico Water Rights Reporting System (NMWRRS) database maintained by the New Mexico Office of the State Engineer (NMOSE) indicated reliable information was unavailable for Section 22, Township 22 South, Range 36 East. A depth to groundwater reference map utilized by the NMOCD indicates groundwater should be encountered at approximately three hundred and fifty feet (350') 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" #2 Historical Release Site has an initial ranking score of zero (0) points. The soil remediation levels for a site with a ranking score of zero (0) points are as follows:

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

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

3.0 SUMMARY OF SOIL REMEDIATION ACTIVITIES

Between August 1, 2007, and February 20, 2008, remediation activities were conducted at the Trunk "O" #2 Release Site by an environmental contractor that is no longer affiliated with the site. Work records indicate approximately two hundred and seventy-six cubic yards (276 yd^3) soil was transported to the Southern Union Landfarm (NMOCD Permit # NM-02-0019) during this time.

On October 31, 2012, Basin responded to the Trunk "O" #2 Historical Release Site. During the initial investigation, no surface impact was visible, and revegitation was noted. Nine (9) test trenches (TT-1-9) were advanced within the inferred margins of the release area in an effort to determine if soil containing concentrations of BTEX, TPH and/or chloride remained in-situ. During the advancement of the test trenches, soil samples were collected at approximate three-foot (3') intervals and field-screened for concentrations of total petroleum hydrocarbons (TPH) and chloride. Soil sample locations are depicted in Figure 2, "Site & Sample Location Map".

Collected soil samples (TT-1 @ Surface, TT-1 @ 6', TT-2 @ Surface, TT-2 @ 8', TT-3 @ Surface, TT-3 @ 7', TT-4 @ Surface, TT-4 @ 6', TT-5 @ Surface, TT-5 @ 6', TT-6 @ Surface, TT-6 @ 6', TT-7 @ Surface, TT-7 @ 6', TT-8 @ Surface, TT-8 @ 6', TT-9 @ Surface, TT-9 @ 6', and TT-9 @ 7') were submitted to Xenco Laboratories, Inc., of Odessa, Texas, for determination of TPH and chloride concentrations in accordance with EPA Methods 8015M and 300/300.1, respectively. Laboratory analytical results indicated TPH concentrations were less than the appropriate laboratory method detection limit (MDL) for each of the submitted soil samples. Chloride concentrations ranged from less than the appropriate laboratory MDL for soil samples TT-4 @ Surface, TT-5 @ Surface, TT-6 @ Surface, TT-7 @ Surface and TT-8 @ Surface to 634 ppm for soil sample TT-2 @ 8'. Each of the submitted soil samples exhibited TPH and chloride concentrations below NMOCD regulatory remediation action levels; further delineation would be required in the areas represented by test trenches TT-2 and TT-3. Table 1 summarizes the "Concentrations of Benzene, BTEX, TPH & Chloride in Soil". Laboratory analytical reports are provided as Appendix C.

On August 29, 2013, two (2) soil bores (SB-1 and SB-2) were advanced in the areas represented by test trenches TT-2 and TT-3. Soil bore SB-1 was advanced to approximately twenty-five feet (25') bgs, approximately five feet (5') east of test trench TT-2. During the advancement of the soil bore, five (5) soil samples (SB-1 @ 5', SB-1 @ 10', SB-1 @ 15', SB-1 @ 20' and SB-1 @

25') were collected and submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated THP concentrations were less than the appropriate laboratory MDL for each of the submitted soil samples. Analytical results indicated chloride concentrations ranged from 616 ppm for soil sample SB-1 @ 15' to 102 ppm for soil sample SB-1 @ 25'. Soil sample SB-1 @ 25' was also analyzed for concentrations of BTEX, which were determined to be less than the laboratory MDL. Based on laboratory analytical results from soil samples collected from soil bore SB-1, it was determined that the vertical extent of soil impact did not extend beyond twenty feet (20') bgs. Soil boring logs are provided as Appendix B.

Soil bore SB-2 was advanced to approximately twenty feet (20') bgs, approximately thirty feet (30') north of test trench TT-2. During the advancement of the soil bore, four (4) soil samples (SB-2 @ 5', SB-2 @ 10', SB-2 @ 15' and SB-2 @ 20') were collected and submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated THP concentrations were less than the appropriate laboratory MDL for each of the submitted soil samples. Analytical results indicated chloride concentrations ranged from 78.2 ppm for soil SB-2 @ 10' to 8.25 ppm for soil sample SB-2 @ 5'. Soil sample SB-2 @ 20' was also analyzed for concentrations of BTEX, which were determined to be less than the laboratory MDL.

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 300/300.1

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

Laboratory analytical results from confirmation soil samples collected from the on-site test trenches and soil bores suggested previous remediation activities met the objectives of the NMOCD's *Guidelines for the Remediation of Leaks, Spills and Releases.* Based on these laboratory analytical results, Basin recommends Regency 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" #2 Historical Release Site.

6.0 LIMITATIONS

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

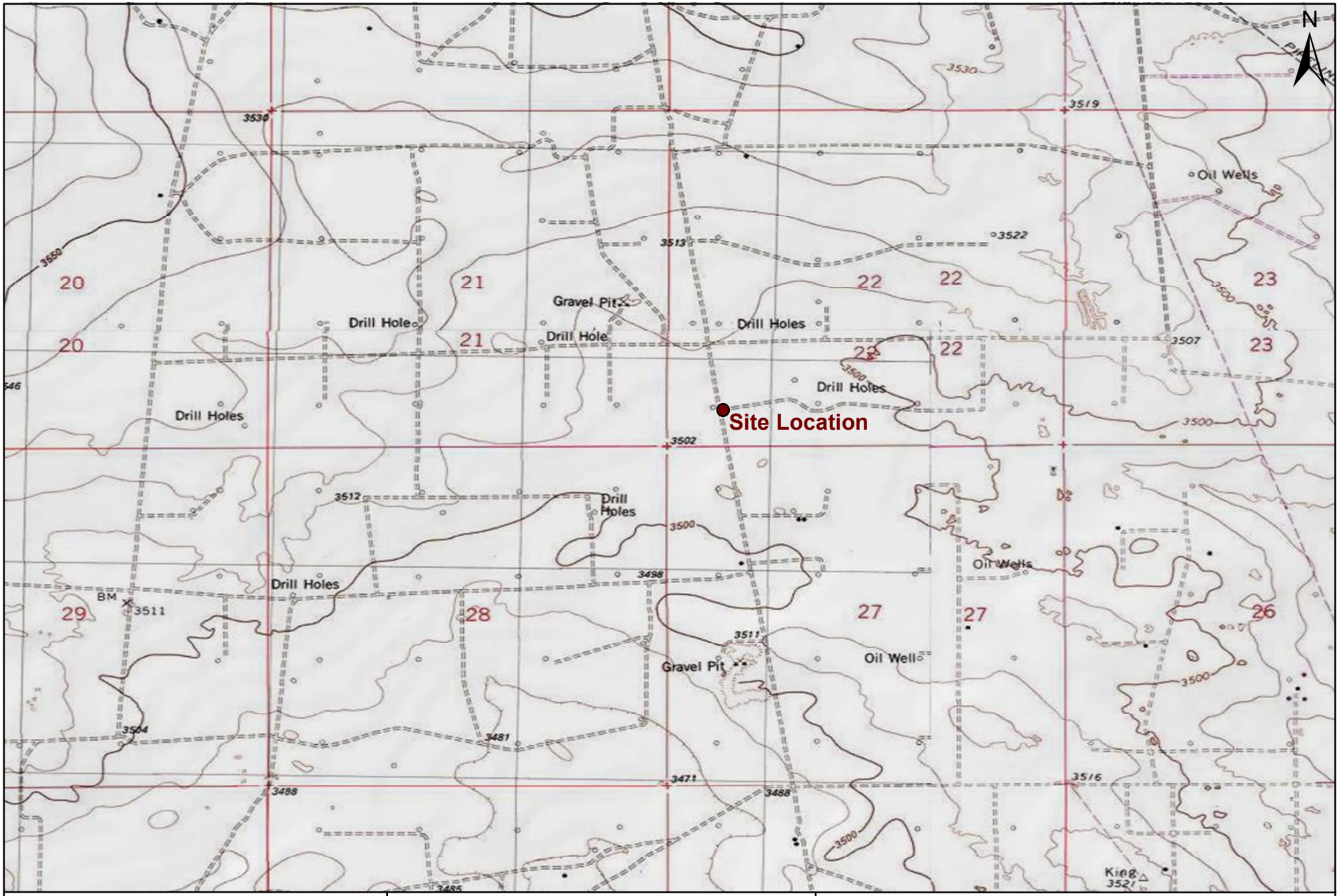
This report has been prepared for the benefit of Regency Field Services. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Basin Environmental Service Technologies, LLC, and/or Regency Field Services.

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: Phillip Little
Regency Field Services
801 S. Loop 464
Monahans, Texas 79756
phillip.little@sug.com

Copy 3: Basin Environmental Service Technologies, LLC
P.O. Box 301
Lovington, New Mexico 88260



1,000 500 0 1,000 2,000

Distance in Feet

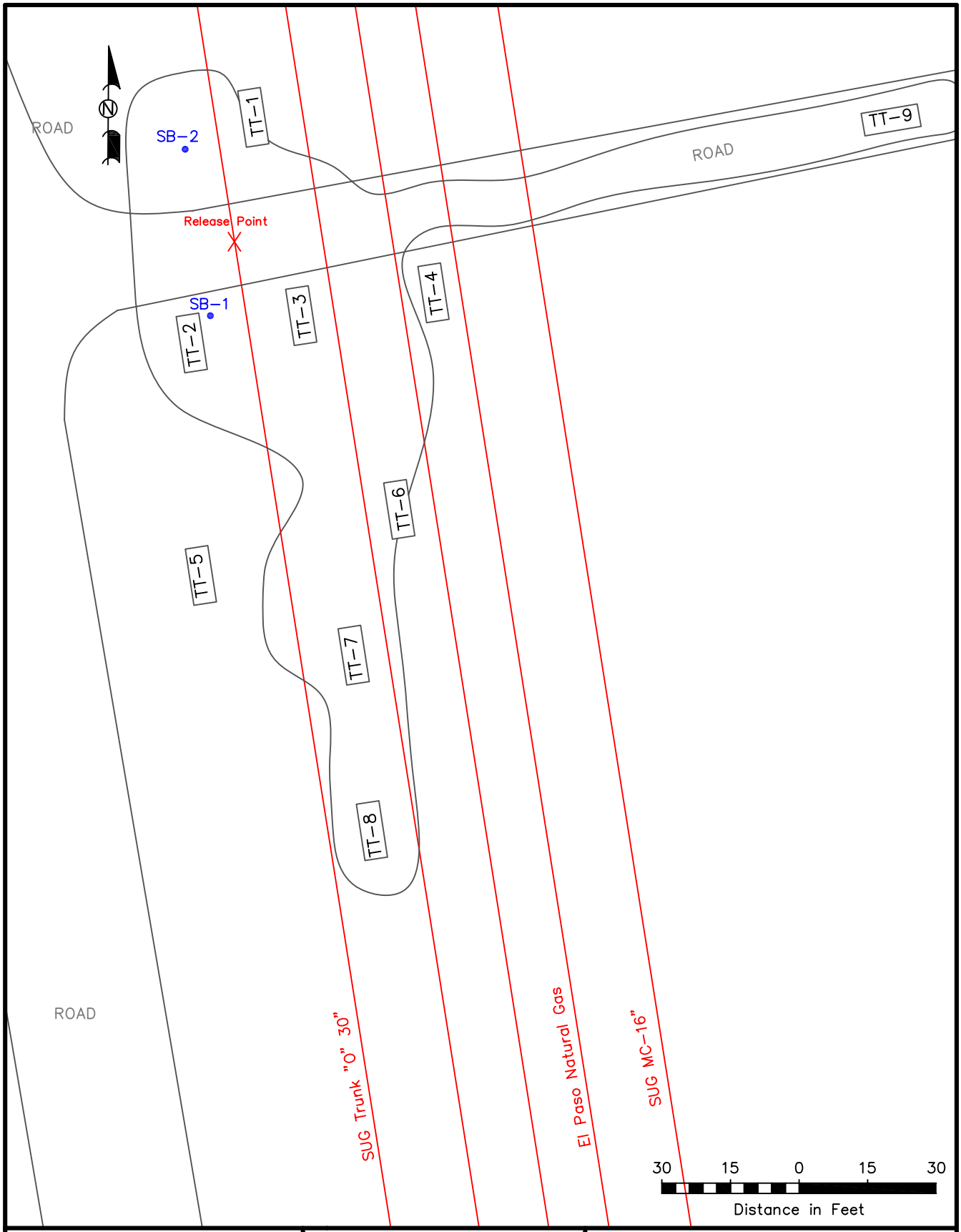
Figure 1
Site Location Map
Southern Union Gas Services
Trunk "O" #2
Lea County, New Mexico
NMOCD Reference #: 1RP-1508

Basin Environmental Service Technologies

Effective Solutions

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

Drawn By: BJA	Checked By: JWL
November 5, 2012	Scale: 1" = 2000'



LEGEND:

Inferred Flowpath
Pipeline
Road
Sample Location
Proposed Boring

Figure 2

Site & Sample Location Map
Southern Union Gas Services
Trunk "O" #2 (1RP-1508)
Lea County, NM

Basin Environmental Services

Scale: 1" = 30'	Drawn By: JWL	Prepared By: BRB
November 2, 2012		

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
TRUNK "O" #2
HISTORICAL RELEASE SITE
LEA COUNTY, NEW MEXICO
NMOCD REF# 1RP-1508

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH C_6-C_{28} (mg/Kg)	EPA: 300
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C_6-C_{12} (mg/Kg)	DRO C_{12}-C_{28} (mg/Kg)	ORO C_{28}-C_{35} (mg/Kg)		CHLORIDE (mg/Kg)
TT-1 @ Surface	Surface	10/31/2012	In-Situ	-	-	-	-	-	<17.6	<17.6	<17.6	<17.6	2.58
TT-1 @ 6'	6'	10/31/2012	In-Situ	-	-	-	-	-	<15.6	<15.6	<15.6	<15.6	4.35
TT-2 @ Surface	Surface	10/31/2012	In-Situ	-	-	-	-	-	<16.2	<16.2	<16.2	<16.2	434
TT-2 @ 8'	8'	10/31/2012	In-Situ	-	-	-	-	-	<17.1	<17.1	<17.1	<17.1	634
TT-3 @ Surface	Surface	10/31/2012	In-Situ	-	-	-	-	-	<16.6	<16.6	<16.6	<16.6	75.3
TT-3 @ 7'	7'	10/31/2012	In-Situ	-	-	-	-	-	<18.1	<18.1	<18.1	<18.1	283
TT-4 @ Surface	Surface	10/31/2012	In-Situ	-	-	-	-	-	<16.1	<16.1	<16.1	<16.1	<1.08
TT-4 @ 6'	6'	10/31/2012	In-Situ	-	-	-	-	-	<15.9	<15.9	<15.9	<15.9	55.2
TT-5 @ Surface	Surface	10/31/2012	In-Situ	-	-	-	-	-	<16.3	<16.3	<16.3	<16.3	<1.09
TT-5 @ 6'	6'	10/31/2012	In-Situ	-	-	-	-	-	<17.1	<17.1	<17.1	<17.1	2.57
TT-6 @ Surface	Surface	10/31/2012	In-Situ	-	-	-	-	-	<16.5	<16.5	<16.5	<16.5	<1.10
TT-6 @ 6'	6'	10/31/2012	In-Situ	-	-	-	-	-	<16.1	<16.1	<16.1	<16.1	1.74
TT-7 @ Surface	Surface	10/31/2012	In-Situ	-	-	-	-	-	<17.5	<17.5	<17.5	<17.5	<1.17
TT-7 @ 6'	6'	10/31/2012	In-Situ	-	-	-	-	-	<16.6	<16.6	<16.6	<16.6	3.57
TT-8 @ Surface	Surface	10/31/2012	In-Situ	-	-	-	-	-	<15.3	<15.3	<15.3	<15.3	<1.02
TT-8 @ 6'	6'	10/31/2012	In-Situ	-	-	-	-	-	<18.3	<18.3	<18.3	<18.3	5.77
TT-9 @ Surface	Surface	10/31/2012	In-Situ	-	-	-	-	-	<15.3	<15.3	<15.3	<15.3	1.05
TT-9 @ 6'	6'	10/31/2012	In-Situ	-	-	-	-	-	-	-	-	-	303
TT-9 @ 7'	7'	10/31/2012	In-Situ	-	-	-	-	-	<16.0	<16.0	<16.0	<16.0	80.1
SB-1 @ 5'	5'	8/29/2013	In-Situ	-	-	-	-	-	<15.7	<15.7	<15.7	<15.7	240
SB-1 @ 10'	10'	8/29/2013	In-Situ	-	-	-	-	-	<16.4	<16.4	<16.4	<16.4	548
SB-1 @ 15'	15'	8/29/2013	In-Situ	-	-	-	-	-	<16.8	<16.8	<16.8	<16.8	616
SB-1 @ 20'	20'	8/29/2013	In-Situ	-	-	-	-	-	<16.4	<16.4	<16.4	<16.4	192
SB-1 @ 25'	25'	8/29/2013	In-Situ	<0.00107	<0.00107	<0.00107	<0.00215	<0.00215	<16.3	<16.3	<16.3	<16.3	102
SB-2 @ 5'	5'	8/29/2013	In-Situ	-	-	-	-	-	<16.9	<16.9	<16.9	<16.9	8.25
SB-2 @ 10'	10'	8/29/2013	In-Situ	-	-	-	-	-	<18.5	<18.5	<18.5	<18.5	78.2
SB-2 @ 15'	15'	8/29/2013	In-Situ	-	-	-	-	-	<16.3	<16.3	<16.3	<16.3	27.3
SB-2 @ 20'	20'	8/29/2013	In-Situ	<0.00113	<0.00113	<0.00113	<0.00225	<0.00225	<17.1	<17.1	<17.1	<17.1	36.0
NMOCD Standard				**10**				**50**				**5,000**	**1,000**

- = Not analyzed.

Recent photograph of the affected road at the Trunk “O” #2 Historical Release Site.

Photograph of the affected pasture area at the Trunk “O” #2 Historical Release Site.

Photograph of the advancement of test trenches at the Trunk “O” #2 Historical Release Site.

Photograph of the advancement of soil bores at the Trunk “O” #2 Historical Release Site.

Analytical Report 451911

for

Southern Union Gas Services- Monahans

Project Manager: Joel Lowry

Trunk "O" #2

(RP-1508)

13-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)

13-NOV-12

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

Reference: XENCO Report No: **451911**
Trunk "O" #2
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 451911. 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. 451911 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

Sample Cross Reference 451911

Southern Union Gas Services- Monahans, Monahans, TX

Trunk "O" #2

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
TT-1 @ Surface	S	10-31-12 09:00		451911-001
TT-1 @ 6'	S	10-31-12 09:15	- 6 ft	451911-002
TT-2 @ Surface	S	10-31-12 09:45		451911-003
TT-2 @ 8'	S	10-31-12 10:10	- 8 ft	451911-004
TT-3 @ Surface	S	10-31-12 10:20		451911-005
TT-3 @ 7'	S	10-31-12 11:00	- 7 ft	451911-006
TT-4 @ Surface	S	10-31-12 11:20		451911-007
TT-4 @ 6'	S	10-31-12 11:55	- 6 ft	451911-008
TT-5 @ Surface	S	10-31-12 12:30		451911-009
TT-5 @ 6'	S	10-31-12 12:50	- 6 ft	451911-010
TT-6 @ Surface	S	10-31-12 13:00	ft	451911-011
TT-6 @ 6'	S	10-31-12 13:25	- 6 ft	451911-012
TT-7 @ Surface	S	10-31-12 13:45	ft	451911-013
TT-7 @ 6'	S	10-31-12 13:30	- 6 ft	451911-014
TT-8 @ Surface	S	10-31-12 14:25	ft	451911-015
TT-8 @ 6'	S	10-31-12 14:45	- 6 ft	451911-016
TT-9 @ Surface	S	10-31-12 15:00	ft	451911-017
TT-9 @ 6'	S	10-31-12 15:20	- 6 ft	451911-018
TT-9 @ 7'	S	10-31-12 15:30	- 7 ft	451911-019

CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans
Project Name: Trunk "O" #2

Project ID:	*(RP-1508)*	*Report Date:*	*13-NOV-12*
Work Order Number:	*451911*	*Date Received:*	*11/05/2012*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 451911

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: Trunk "O" #2

Project Id: (RP-1508)
Contact: Joel Lowry
Project Location: Lea County,NM

Date Received in Lab: Mon Nov-05-12 09:42 am
Report Date: 13-NOV-12
Project Manager: Nicholas Straccione

Analysis Requested													
	Lab Id:	451911-001		451911-002		451911-003		451911-004		451911-005		451911-006	
	Field Id:	TT-1 @ Surface		TT-1 @ 6'		TT-2 @ Surface		TT-2 @ 8'		TT-3 @ Surface		TT-3 @ 7'	
	Depth:			6 ft				8 ft				7 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-31-12 09:00		Oct-31-12 09:15		Oct-31-12 09:45		Oct-31-12 10:10		Oct-31-12 10:20		Oct-31-12 11:00	
Inorganic Anions by EPA 300/300.1 SUB: TX104704215	***Extracted:***	Nov-10-12 11:49		Nov-10-12 12:21		Nov-10-12 12:37		Nov-10-12 12:53		Nov-10-12 13:09		Nov-10-12 13:26	
	Analyzed:	Nov-10-12 11:49		Nov-10-12 12:21		Nov-10-12 12:37		Nov-10-12 12:53		Nov-10-12 13:09		Nov-10-12 13:26	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		2.58	1.18	4.35	1.04	434	1.09	634	1.15	75.3	1.11	283	1.21
Percent Moisture	***Extracted:***												
	Analyzed:	Nov-06-12 11:58		Nov-06-12 11:58		Nov-06-12 11:58		Nov-06-12 11:58		Nov-06-12 11:58		Nov-06-12 11:58	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		15.3	1.00	4.08	1.00	7.87	1.00	12.8	1.00	9.90	1.00	17.5	1.00
TPH By SW8015 Mod	***Extracted:***	Nov-10-12 10:00		Nov-10-12 10:00		Nov-12-12 07:45		Nov-12-12 07:45		Nov-12-12 07:45		Nov-12-12 07:45	
	Analyzed:	Nov-10-12 23:09		Nov-10-12 23:38		Nov-12-12 11:03		Nov-12-12 11:35		Nov-12-12 12:04		Nov-12-12 12:32	
	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	17.6	ND	15.6	ND	16.2	ND	17.1	ND	16.6	ND	18.1
C12-C28 Diesel Range Hydrocarbons		ND	17.6	ND	15.6	ND	16.2	ND	17.1	ND	16.6	ND	18.1
C28-C35 Oil Range Hydrocarbons		ND	17.6	ND	15.6	ND	16.2	ND	17.1	ND	16.6	ND	18.1
Total TPH		ND	17.6	ND	15.6	ND	16.2	ND	17.1	ND	16.6	ND	18.1

Nicholas Straccione
Project Manager

Certificate of Analysis Summary 451911

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: Trunk "O" #2

Project Id: (RP-1508)
Contact: Joel Lowry
Project Location: Lea County,NM

Date Received in Lab: Mon Nov-05-12 09:42 am
Report Date: 13-NOV-12
Project Manager: Nicholas Straccione

Analysis Requested													
	Lab Id:	451911-007		451911-008		451911-009		451911-010		451911-011		451911-012	
	Field Id:	TT-4 @ Surface		TT-4 @ 6'		TT-5 @ Surface		TT-5 @ 6'		TT-6 @ Surface		TT-6 @ 6'	
	Depth:			6 ft				6 ft				6 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-31-12 11:20		Oct-31-12 11:55		Oct-31-12 12:30		Oct-31-12 12:50		Oct-31-12 13:00		Oct-31-12 13:25	
Inorganic Anions by EPA 300/300.1 SUB: TX104704215	***Extracted:***	Nov-10-12 14:14		Nov-10-12 14:30		Nov-10-12 14:46		Nov-10-12 15:02		Nov-10-12 15:18		Nov-10-12 15:34	
	Analyzed:	Nov-10-12 14:14		Nov-10-12 14:30		Nov-10-12 14:46		Nov-10-12 15:02		Nov-10-12 15:18		Nov-10-12 15:34	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		ND	1.08	55.2	1.06	ND	1.09	2.57	1.14	ND	1.10	1.74	1.08
Percent Moisture	***Extracted:***												
	Analyzed:	Nov-06-12 11:58		Nov-06-12 11:58		Nov-06-12 11:58		Nov-06-12 11:58		Nov-06-12 11:58		Nov-06-12 11:58	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		7.14	1.00	5.40	1.00	7.96	1.00	12.4	1.00	9.03	1.00	7.41	1.00
TPH By SW8015 Mod	***Extracted:***	Nov-12-12 07:45		Nov-12-12 07:45		Nov-12-12 07:45		Nov-12-12 07:45		Nov-12-12 07:45		Nov-12-12 07:45	
	Analyzed:	Nov-12-12 12:59		Nov-12-12 13:27		Nov-12-12 13:54		Nov-12-12 14:21		Nov-12-12 14:49		Nov-12-12 15:17	
	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	16.1	ND	15.9	ND	16.3	ND	17.1	ND	16.5	ND	16.1
C12-C28 Diesel Range Hydrocarbons		ND	16.1	ND	15.9	ND	16.3	ND	17.1	ND	16.5	ND	16.1
C28-C35 Oil Range Hydrocarbons		ND	16.1	ND	15.9	ND	16.3	ND	17.1	ND	16.5	ND	16.1
Total TPH		ND	16.1	ND	15.9	ND	16.3	ND	17.1	ND	16.5	ND	16.1

Nicholas Straccione
Project Manager

Certificate of Analysis Summary 451911

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: Trunk "O" #2

Project Id: (RP-1508)
Contact: Joel Lowry
Project Location: Lea County,NM

Date Received in Lab: Mon Nov-05-12 09:42 am
Report Date: 13-NOV-12
Project Manager: Nicholas Straccione

Analysis Requested													
	Lab Id:	451911-013		451911-014		451911-015		451911-016		451911-017		451911-018	
	Field Id:	TT-7 @ Surface		TT-7 @ 6'		TT-8 @ Surface		TT-8 @ 6'		TT-9 @ Surface		TT-9 @ 6'	
	Depth:			6 ft				6 ft				6 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-31-12 13:45		Oct-31-12 13:30		Oct-31-12 14:25		Oct-31-12 14:45		Oct-31-12 15:00		Oct-31-12 15:20	
Inorganic Anions by EPA 300/300.1 SUB: TX104704215	***Extracted:***	Nov-10-12 15:50		Nov-10-12 16:06		Nov-10-12 16:23		Nov-10-12 16:39		Nov-10-12 17:27		Nov-10-12 17:43	
	Analyzed:	Nov-10-12 15:50		Nov-10-12 16:06		Nov-10-12 16:23		Nov-10-12 16:39		Nov-10-12 17:27		Nov-10-12 17:43	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		ND	1.17	3.57	1.11	ND	1.02	5.77	1.22	1.05	1.02	303	1.06
Percent Moisture	***Extracted:***												
	Analyzed:	Nov-06-12 11:58		Nov-06-12 11:58		Nov-06-12 11:58		Nov-06-12 11:58		Nov-06-12 11:58		Nov-06-12 11:58	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		14.8	1.00	9.74	1.00	2.09	1.00	18.1	1.00	2.06	1.00	5.62	1.00
TPH By SW8015 Mod	***Extracted:***	Nov-12-12 07:45		Nov-12-12 07:45		Nov-12-12 07:45		Nov-12-12 07:45		Nov-12-12 07:45			
	Analyzed:	Nov-12-12 16:15		Nov-12-12 16:47		Nov-12-12 17:20		Nov-12-12 17:52		Nov-12-12 18:23			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL		
C6-C12 Gasoline Range Hydrocarbons		ND	17.5	ND	16.6	ND	15.3	ND	18.3	ND	15.3		
C12-C28 Diesel Range Hydrocarbons		ND	17.5	ND	16.6	ND	15.3	ND	18.3	ND	15.3		
C28-C35 Oil Range Hydrocarbons		ND	17.5	ND	16.6	ND	15.3	ND	18.3	ND	15.3		
Total TPH		ND	17.5	ND	16.6	ND	15.3	ND	18.3	ND	15.3		

Nicholas Straccione
Project Manager

Certificate of Analysis Summary 451911

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: Trunk "O" #2

Project Id: (RP-1508)
Contact: Joel Lowry
Project Location: Lea County,NM

Date Received in Lab: Mon Nov-05-12 09:42 am
Report Date: 13-NOV-12
Project Manager: Nicholas Straccione

Analysis Requested							
	Lab Id:	451911-019					
	Field Id:	TT-9 @ 7'					
	Depth:	7 ft					
	Matrix:	SOIL					
	Sampled:	Oct-31-12 15:30					
Inorganic Anions by EPA 300/300.1 SUB: TX104704215	***Extracted:***	Nov-10-12 17:59					
	Analyzed:	Nov-10-12 17:59					
	Units/RL:	mg/kg RL					
Chloride		80.1 1.07					
Percent Moisture	***Extracted:***						
	Analyzed:	Nov-06-12 11:58					
	Units/RL:	% RL					
Percent Moisture		6.36 1.00					
TPH By SW8015 Mod	***Extracted:***	Nov-12-12 07:45					
	Analyzed:	Nov-12-12 18:54					
	Units/RL:	mg/kg RL					
C6-C12 Gasoline Range Hydrocarbons		ND 16.0					
C12-C28 Diesel Range Hydrocarbons		ND 16.0					
C28-C35 Oil Range Hydrocarbons		ND 16.0					
Total TPH		ND 16.0					

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 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: Trunk "O" #2

Work Orders : 451911,

Project ID: (RP-1508)

Lab Batch #: 900607 **Sample:** 451911-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/10/12 23:09

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	111	99.7	111	70-135	
o-Terphenyl	53.5	49.9	107	70-135	

Lab Batch #: 900607 **Sample:** 451911-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/10/12 23:38

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	110	99.8	110	70-135	
o-Terphenyl	52.4	49.9	105	70-135	

Lab Batch #: 900705 **Sample:** 451911-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 11:03

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	82.7	99.7	83	70-135	
o-Terphenyl	41.4	49.9	83	70-135	

Lab Batch #: 900705 **Sample:** 451911-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 11:35

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	85.8	99.5	86	70-135	
o-Terphenyl	43.1	49.8	87	70-135	

Lab Batch #: 900705 **Sample:** 451911-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 12:04

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	85.0	99.6	85	70-135	
o-Terphenyl	42.8	49.8	86	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: Trunk "O" #2

Work Orders : 451911,

Project ID: (RP-1508)

Lab Batch #: 900705 **Sample:** 451911-006 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 12:32

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.9	99.6	90	70-135	
o-Terphenyl	45.5	49.8	91	70-135	

Lab Batch #: 900705 **Sample:** 451911-007 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 12:59

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	85.6	99.9	86	70-135	
o-Terphenyl	43.6	50.0	87	70-135	

Lab Batch #: 900705 **Sample:** 451911-008 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 13:27

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	88.1	100	88	70-135	
o-Terphenyl	44.5	50.0	89	70-135	

Lab Batch #: 900705 **Sample:** 451911-009 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 13:54

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.8	99.8	87	70-135	
o-Terphenyl	44.0	49.9	88	70-135	

Lab Batch #: 900705 **Sample:** 451911-010 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 14:21

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.5	100	87	70-135	
o-Terphenyl	43.7	50.1	87	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: Trunk "O" #2

Work Orders : 451911,

Project ID: (RP-1508)

Lab Batch #: 900705 **Sample:** 451911-011 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 14:49

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.4	99.8	87	70-135	
o-Terphenyl	44.1	49.9	88	70-135	

Lab Batch #: 900705 **Sample:** 451911-012 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 15:17

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.4	99.6	87	70-135	
o-Terphenyl	43.7	49.8	88	70-135	

Lab Batch #: 900705 **Sample:** 451911-013 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 16:15

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	83.6	99.6	84	70-135	
o-Terphenyl	42.9	49.8	86	70-135	

Lab Batch #: 900705 **Sample:** 451911-014 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 16:47

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	84.8	99.8	85	70-135	
o-Terphenyl	42.4	49.9	85	70-135	

Lab Batch #: 900705 **Sample:** 451911-015 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 17:20

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	90.7	100	91	70-135	
o-Terphenyl	44.1	50.0	88	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: Trunk "O" #2

Work Orders : 451911,

Project ID: (RP-1508)

Lab Batch #: 900705 **Sample:** 451911-016 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 17:52

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	84.4	100	84	70-135	
o-Terphenyl	42.4	50.1	85	70-135	

Lab Batch #: 900705 **Sample:** 451911-017 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 18:23

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	83.4	99.9	83	70-135	
o-Terphenyl	41.7	50.0	83	70-135	

Lab Batch #: 900705 **Sample:** 451911-019 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 18:54

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	84.7	100	85	70-135	
o-Terphenyl	42.1	50.1	84	70-135	

Lab Batch #: 900607 **Sample:** 629774-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/10/12 12:53

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	109	99.9	109	70-135	
o-Terphenyl	53.7	50.0	107	70-135	

Lab Batch #: 900705 **Sample:** 629844-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/12/12 10:31

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	83.0	100	83	70-135	
o-Terphenyl	41.8	50.1	83	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: Trunk "O" #2

Work Orders : 451911, **Project ID:** (RP-1508)

Lab Batch #: 900607 **Sample:** 629774-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/10/12 11:57

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	62.9	50.0	126	70-135	

Lab Batch #: 900705 **Sample:** 629844-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/12/12 09:31

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	100	99.9	100	70-135	
o-Terphenyl	54.9	50.0	110	70-135	

Lab Batch #: 900607 **Sample:** 629774-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/10/12 12:25

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	114	99.8	114	70-135	
o-Terphenyl	59.9	49.9	120	70-135	

Lab Batch #: 900705 **Sample:** 629844-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/12/12 10:00

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.3	99.9	97	70-135	
o-Terphenyl	52.5	50.0	105	70-135	

Lab Batch #: 900607 **Sample:** 451788-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/11/12 00:10

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	113	100	113	70-135	
o-Terphenyl	60.9	50.0	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.

Form 2 - Surrogate Recoveries

Project Name: Trunk "O" #2

Work Orders : 451911,

Project ID: (RP-1508)

Lab Batch #: 900705 **Sample:** 451911-003 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 21:21

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	90.9	100	91	70-135	
o-Terphenyl	51.6	50.1	103	70-135	

Lab Batch #: 900607 **Sample:** 451788-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/11/12 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	110	99.7	110	70-135	
o-Terphenyl	58.5	49.9	117	70-135	

Lab Batch #: 900705 **Sample:** 451911-003 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/12/12 21:50

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.7	100	90	70-135	
o-Terphenyl	50.7	50.1	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.

BS / BSD Recoveries

Project Name: Trunk "O" #2

Work Order #: 451911 **Project ID:** (RP-1508)

Analyst: TTE **Date Prepared:** 11/10/2012 **Date Analyzed:** 11/10/2012

Lab Batch ID: 900610 **Sample:** 629780-1-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	<1.00	100	100	100	100	101	101	1	80-120	20	

Analyst: KEB **Date Prepared:** 11/10/2012 **Date Analyzed:** 11/10/2012

Lab Batch ID: 900607 **Sample:** 629774-1-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	993	99	998	1070	107	7	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	1000	988	99	998	1080	108	9	70-135	35	

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

Lab Batch ID: 900705 **Sample:** 629844-1-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	999	948	95	999	915	92	4	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	999	946	95	999	912	91	4	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: Trunk "O" #2

Work Order #: 451911
Lab Batch #: 900610
Project ID: (RP-1508)
Date Analyzed: 11/10/2012
Date Prepared: 11/10/2012
Analyst: TTE
QC- Sample ID: 451807-001 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	<1.01	101	106	105	80-120	

Lab Batch #: 900610
Date Analyzed: 11/10/2012
Date Prepared: 11/10/2012
Analyst: TTE
QC- Sample ID: 451911-001 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	2.58	118	122	101	80-120	

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

BRL - Below Reporting Limit

Form 3 - MS / MSD Recoveries

Project Name: Trunk "O" #2

Work Order # : 451911 **Project ID:** (RP-1508)

Lab Batch ID: 900607 **QC- Sample ID:** 451788-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 11/11/2012 **Date Prepared:** 11/10/2012 **Analyst:** KEB

Reporting Units: mg/kg

TPH By SW8015 Mod Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<17.1	1140	1170	103	1140	1120	98	4	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<17.1	1140	1200	105	1140	1160	102	3	70-135	35	

Lab Batch ID: 900705 **QC- Sample ID:** 451911-003 S **Batch #:** 1 **Matrix:** Soil

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

Reporting Units: mg/kg

TPH By SW8015 Mod Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<16.3	1090	1070	98	1090	1060	97	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<16.3	1090	1080	99	1090	1070	98	1	70-135	35	

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

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

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

Sample Duplicate Recovery

Project Name: Trunk "O" #2

Work Order #: 451911

Lab Batch #: 900229 **Project ID:** (RP-1508)

Date Analyzed: 11/06/2012 11:58 **Date Prepared:** 11/06/2012 **Analyst:** RKO

QC- Sample ID: 451911-001 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	15.3	15.3	0	20	

Lab Batch #: 900229

Date Analyzed: 11/06/2012 11:58 **Date Prepared:** 11/06/2012 **Analyst:** RKO

QC- Sample ID: 451911-011 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	9.03	9.84	9	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

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: Joel Lowry

Company Name: Basin Environmental Service Technologies, LLC

Company Address: P.O. Box 301

City/State/Zip: Lovington, NM 88260

Telephone No: (575)396-2378 Fax No: (575) 396-1429

Sampler Signature: Joel Lowry e-mail: pm@basinenv.com; Rose.Slade@SUG.com

Project Name: Trunk "O" #2

Project #: (RP-1508)

Project Loc: Lea County, NM

PO #: Bill Southern Union Gas

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

(lab use only) ORDER #: 451911

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludg GW=Groundwater S=Soil/Soil NP=Non-Potable Specify Othe	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	CHLORIDES	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT 4 DAY
01	TT-1 @ Surface		0	10/31/2012	0900		1	X								Soil	X									X		X
02	TT-1 @ 6'		6'	10/31/2012	0915		1	X								Soil	X									X		X
03	TT-2 @ Surface		0	10/31/2012	945		1	X								Soil	X									X		X
04	TT-2 @ 8'		8'	10/31/2012	1010		1	X								Soil	X									X		X
05	TT-3 @ Surface		0	10/31/2012	1020		1	X								Soil	X									X		X
06	TT-3 @ 7'		7'	10/31/2012	1100		1	X								Soil	X									X		X
07	TT-4 @ Surface		0	10/31/2012	1120		1	X								Soil	X									X		X
08	TT-4 @ 6'		6'	10/31/2012	1155		1	X								Soil	X									X		X
09	TT-5 @ Surface		0	10/31/2012	1230		1	X								Soil	X									X		X
10	TT-5 @ 6'		6'	10/31/2012	1250		1	X								Soil	X									X		X

Special Instructions: 5

Relinquished by: Joel Lowry	Date 11/2/12	Time 06:45	Received by:	Date 11/2/12	Time 0645
Relinquished by:	Date 11/2/12	Time 14:05	Received by: Steve Butler	Date 11/2/12	Time 1405
Relinquished by:	Date	Time	Received by ELOT:	Date 11/5/12	Time 9:42

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: 10.0 °C

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: Joel Lowry
Company Name: Basin Environmental Service Technologies, LLC
Company Address: P.O. Box 301
City/State/Zip: Lovington, NM 88260
Telephone No: (575)396-2378 Fax No: (575) 396-1429
Sampler Signature: Troy Hahn e-mail: pm@basinenv.com; Rose.Slade@SUG.com

Project Name: Trunk "O" #2
Project #: (RP-1508)
Project Loc: Lea County, NM
PO #: Bill Southern Union Gas
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only) ORDER #: 451911

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Soil NP=Non-Potable Specify Oth	Analyze For: TCLP: TPH: 418.1 8015M	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	TOTAL: BTEX 8021B/5030 or BTEX 8260	CHLORIDES	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT 4 DAY
11	TT-6 @ Surface		0	10/31/2012	1300		1	X								Soil	X								X	X		X
12	TT-6 @ 6'		6'	10/31/2012	1325		1	X								Soil	X								X	X		X
13	TT-7 @ Surface		0	10/31/2012	1345		1	X								Soil	X								X	X		X
14	TT-7 @ 6'		6'	10/31/2012	1330		1	X								Soil	X								X	X		X
15	TT-8 @ Surface		0	10/31/2012	1425		1	X								Soil	X								X	X		X
16	TT-8 @ 6'		6'	10/31/2012	1445		1	X								Soil	X								X	X		X
17	TT-9 @ Surface		0	10/31/2012	1500		1	X								Soil	X								X	X		X
18	TT-9 @ 6'		6'	10/31/2012	1520		1	X								Soil									X	X		X
19	TT-9 @ 7'		7'	10/31/2012	1530		1	X								Soil	X								X	X		X

Special Instructions:

	Date	Time		Date	Time
Relinquished by: Troy Hahn	11/2/12	06:45	Received by:	11/2/12	06:45
Relinquished by:	11/2/12	14:08	Received by: Steve Butler	11/2/12	1405
Relinquished by:	Date	Time	Received by ELOT: Shawn Eldridge	11/5/12	9:42

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:	10.0	°C

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Date/ Time Received: 11/05/2012 09:42:45 AM

Work Order #: 451911

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)?	9.7
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**Yes**
#5 Custody Seals intact on sample bottles?	**Yes**
#6 *Custody Seals Signed and dated?	**Yes**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**Yes**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**Yes**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**Yes**

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

Analyst:	PH Device/Lot#:

Checklist completed by: _____ Date: _____

Checklist reviewed by: _____ Date: _____

Analytical Report 469601

for

Regency Gas

Project Manager: Joel Lowry

Trunk O #2 Historical

11-SEP-13

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-13-14-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

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

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

11-SEP-13

Project Manager: **Joel Lowry**
Regency Gas
801 South Loop 464
Monahans, TX 79756

Reference: XENCO Report No(s): **469601**
Trunk O #2 Historical
Project Address: New Mexico

Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 469601. 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. 469601 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 469601

Regency Gas, Monahans, TX

Trunk O #2 Historical

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-1 @ 5'	S	08-29-13 13:00	- 5 ft	469601-001
SB-1 @ 10'	S	08-29-13 13:05	- 10 ft	469601-002
SB-1 @ 15'	S	08-29-13 13:10	- 15 ft	469601-003
SB-1 @ 20'	S	08-29-13 13:15	- 20 ft	469601-004
SB-1 @ 25'	S	08-29-13 13:20	- 25 ft	469601-005
SB-2 @ 5'	S	08-29-13 13:40	- 5 ft	469601-006
SB-2 @ 10'	S	08-29-13 13:45	- 10 ft	469601-007
SB-2 @ 15'	S	08-29-13 13:50	- 15 ft	469601-008
SB-2 @ 20'	S	08-29-13 13:55	- 20 ft	469601-009

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-922209 BTEX by SW 8260B
SW8260BTX

Batch 922209, Toluene, m,p-Xylenes recovered above QC limits in the Matrix Spike.
Samples affected are: 469601-009, -005.
The Laboratory Control Sample for Toluene, m,p-Xylenes is within laboratory Control Limits

Certificate of Analysis Summary 469601

Regency Gas, Monahans, TX

Project Name: Trunk O #2 Historical

Project Id:
Contact: Joel Lowry
Project Location: New Mexico

Date Received in Lab: Sat Aug-31-13 12:00 am
Report Date: 11-SEP-13
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	469601-001		469601-002		469601-003		469601-004		469601-005		469601-006	
	Field Id:	SB-1 @ 5'		SB-1 @ 10'		SB-1 @ 15'		SB-1 @ 20'		SB-1 @ 25'		SB-2 @ 5'	
	Depth:	5 ft		10 ft		15 ft		20 ft		25 ft		5 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Aug-29-13 13:00		Aug-29-13 13:05		Aug-29-13 13:10		Aug-29-13 13:15		Aug-29-13 13:20		Aug-29-13 13:40	
BTEX by SW 8260B SUB: TX104704215	***Extracted:***									Sep-06-13 11:30			
	Analyzed:									Sep-06-13 12:13			
	Units/RL:									mg/kg	RL		
Benzene										ND	0.00107		
Toluene										ND	0.00107		
Ethylbenzene										ND	0.00107		
m,p-Xylenes										ND	0.00215		
o-Xylene										ND	0.00107		
Total Xylenes										ND	0.00107		
Total BTEX										ND	0.00107		
Inorganic Anions by EPA 300/300.1	***Extracted:***	Sep-09-13 10:00		Sep-09-13 10:00		Sep-09-13 10:00		Sep-09-13 10:00		Sep-05-13 09:00		Sep-09-13 10:00	
	Analyzed:	Sep-09-13 18:26		Sep-09-13 19:11		Sep-09-13 19:34		Sep-09-13 19:57		Sep-05-13 13:31		Sep-09-13 20:19	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		240	21.0	548	21.9	616	22.4	192	11.0	102	10.9	8.25	2.26
Percent Moisture	***Extracted:***												
	Analyzed:	Sep-04-13 12:45		Sep-04-13 12:45		Sep-04-13 12:45		Sep-04-13 12:45		Sep-03-13 16:50		Sep-04-13 12:45	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		4.77	1.00	8.60	1.00	10.6	1.00	9.09	1.00	7.84	1.00	11.5	1.00
TPH By SW8015 Mod	***Extracted:***	Sep-09-13 16:00		Sep-09-13 16:00		Sep-09-13 16:00		Sep-09-13 16:00		Sep-03-13 17:00		Sep-09-13 16:00	
	Analyzed:	Sep-10-13 01:36		Sep-10-13 02:47		Sep-10-13 03:10		Sep-10-13 03:33		Sep-05-13 02:32		Sep-10-13 03:58	
	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	15.7	ND	16.4	ND	16.8	ND	16.4	ND	16.3	ND	16.9
C12-C28 Diesel Range Hydrocarbons		ND	15.7	ND	16.4	ND	16.8	ND	16.4	ND	16.3	ND	16.9
C28-C35 Oil Range Hydrocarbons		ND	15.7	ND	16.4	ND	16.8	ND	16.4	ND	16.3	ND	16.9
Total TPH		ND	15.7	ND	16.4	ND	16.8	ND	16.4	ND	16.3	ND	16.9

Kelsey Brooks
Project Manager

Certificate of Analysis Summary 469601

Regency Gas, Monahans, TX

Project Name: Trunk O #2 Historical

Project Id:
Contact: Joel Lowry
Project Location: New Mexico

Date Received in Lab: Sat Aug-31-13 12:00 am
Report Date: 11-SEP-13
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	469601-007		469601-008		469601-009							
	Field Id:	SB-2 @ 10'		SB-2 @ 15'		SB-2 @ 20'							
	Depth:	10 ft		15 ft		20 ft							
	Matrix:	SOIL		SOIL		SOIL							
	Sampled:	Aug-29-13 13:45		Aug-29-13 13:50		Aug-29-13 13:55							
BTEX by SW 8260B SUB: TX104704215	***Extracted:***					Sep-06-13 11:32							
	Analyzed:					Sep-06-13 12:39							
	Units/RL:					mg/kg	RL						
Benzene						ND	0.00113						
Toluene						ND	0.00113						
Ethylbenzene						ND	0.00113						
m,p-Xylenes						ND	0.00225						
o-Xylene						ND	0.00113						
Total Xylenes						ND	0.00113						
Total BTEX						ND	0.00113						
Inorganic Anions by EPA 300/300.1	***Extracted:***	Sep-09-13 10:00		Sep-09-13 10:00		Sep-05-13 09:00							
	Analyzed:	Sep-10-13 09:40		Sep-10-13 10:49		Sep-05-13 13:54							
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL						
Chloride		78.2	12.4	27.3	2.18	36.0	2.27						
Percent Moisture	***Extracted:***												
	Analyzed:	Sep-04-13 12:45		Sep-04-13 12:45		Sep-03-13 16:50							
	Units/RL:	%	RL	%	RL	%	RL						
Percent Moisture		19.4	1.00	8.15	1.00	11.9	1.00						
TPH By SW8015 Mod	***Extracted:***	Sep-09-13 16:00		Sep-09-13 16:00		Sep-03-13 17:00							
	Analyzed:	Sep-10-13 04:22		Sep-10-13 04:45		Sep-05-13 03:47							
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL						
C6-C12 Gasoline Range Hydrocarbons		ND	18.5	ND	16.3	ND	17.1						
C12-C28 Diesel Range Hydrocarbons		ND	18.5	ND	16.3	ND	17.1						
C28-C35 Oil Range Hydrocarbons		ND	18.5	ND	16.3	ND	17.1						
Total TPH		ND	18.5	ND	16.3	ND	17.1						

Kelsey Brooks
Project Manager

Certificate of Analytical Results 469601

Regency Gas, Monahans, TX

Trunk O #2 Historical

Sample Id:	**SB-1 @ 5'**	Matrix:	Soil	Date Received:	08.31.13 00.00
Lab Sample Id:	469601-001	Date Collected:	08.29.13 13.00	Sample Depth:	5 ft

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	AMB			% Moisture:	4.77
Analyst:	AMB	Date Prep:	09.09.13 10.00	Basis:	Dry Weight
Seq Number:	922472				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**240**	21.0	mg/kg	09.09.13 18.26		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	ARM			% Moisture:	4.77
Analyst:	ARM	Date Prep:	09.09.13 16.00	Basis:	Dry Weight
Seq Number:	922433				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C6-C12 Gasoline Range Hydrocarbons	PHC612	ND	15.7	mg/kg	09.10.13 01.36	U	1
C12-C28 Diesel Range Hydrocarbons	PHCG1028	ND	15.7	mg/kg	09.10.13 01.36	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	ND	15.7	mg/kg	09.10.13 01.36	U	1
Total TPH	PHC635	ND	15.7	mg/kg	09.10.13 01.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	09.10.13 01.36	
o-Terphenyl	84-15-1	92	%	70-135	09.10.13 01.36	

Certificate of Analytical Results 469601

Regency Gas, Monahans, TX

Trunk O #2 Historical

Sample Id:	**SB-1 @ 10'**	Matrix:	Soil	Date Received:	08.31.13 00.00
Lab Sample Id:	469601-002	Date Collected:	08.29.13 13.05	Sample Depth:	10 ft

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	AMB			% Moisture:	8.6
Analyst:	AMB	Date Prep:	09.09.13 10.00	Basis:	Dry Weight
Seq Number:	922472				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**548**	21.9	mg/kg	09.09.13 19.11		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	ARM			% Moisture:	8.6
Analyst:	ARM	Date Prep:	09.09.13 16.00	Basis:	Dry Weight
Seq Number:	922433				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C6-C12 Gasoline Range Hydrocarbons	PHC612	ND	16.4	mg/kg	09.10.13 02.47	U	1
C12-C28 Diesel Range Hydrocarbons	PHCG1028	ND	16.4	mg/kg	09.10.13 02.47	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	ND	16.4	mg/kg	09.10.13 02.47	U	1
Total TPH	PHC635	ND	16.4	mg/kg	09.10.13 02.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-135	09.10.13 02.47	
o-Terphenyl	84-15-1	90	%	70-135	09.10.13 02.47	

Certificate of Analytical Results 469601

Regency Gas, Monahans, TX

Trunk O #2 Historical

Sample Id:	**SB-1 @ 15'**	Matrix:	Soil	Date Received:	08.31.13 00.00
Lab Sample Id:	469601-003	Date Collected:	08.29.13 13.10	Sample Depth:	15 ft

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	AMB			% Moisture:	10.63
Analyst:	AMB	Date Prep:	09.09.13 10.00	Basis:	Dry Weight
Seq Number:	922472				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**616**	22.4	mg/kg	09.09.13 19.34		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	ARM			% Moisture:	10.63
Analyst:	ARM	Date Prep:	09.09.13 16.00	Basis:	Dry Weight
Seq Number:	922433				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C6-C12 Gasoline Range Hydrocarbons	PHC612	ND	16.8	mg/kg	09.10.13 03.10	U	1
C12-C28 Diesel Range Hydrocarbons	PHCG1028	ND	16.8	mg/kg	09.10.13 03.10	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	ND	16.8	mg/kg	09.10.13 03.10	U	1
Total TPH	PHC635	ND	16.8	mg/kg	09.10.13 03.10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	09.10.13 03.10	
o-Terphenyl	84-15-1	89	%	70-135	09.10.13 03.10	

Certificate of Analytical Results 469601

Regency Gas, Monahans, TX

Trunk O #2 Historical

Sample Id:	**SB-1 @ 20'**	Matrix:	Soil	Date Received:	08.31.13 00.00
Lab Sample Id:	469601-004	Date Collected:	08.29.13 13.15	Sample Depth:	20 ft

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	AMB			% Moisture:	9.09
Analyst:	AMB	Date Prep:	09.09.13 10.00	Basis:	Dry Weight
Seq Number:	922472				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**192**	11.0	mg/kg	09.09.13 19.57		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	ARM			% Moisture:	9.09
Analyst:	ARM	Date Prep:	09.09.13 16.00	Basis:	Dry Weight
Seq Number:	922433				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C6-C12 Gasoline Range Hydrocarbons	PHC612	ND	16.4	mg/kg	09.10.13 03.33	U	1
C12-C28 Diesel Range Hydrocarbons	PHCG1028	ND	16.4	mg/kg	09.10.13 03.33	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	ND	16.4	mg/kg	09.10.13 03.33	U	1
Total TPH	PHC635	ND	16.4	mg/kg	09.10.13 03.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-135	09.10.13 03.33	
o-Terphenyl	84-15-1	89	%	70-135	09.10.13 03.33	

Certificate of Analytical Results 469601

Regency Gas, Monahans, TX

Trunk O #2 Historical

Sample Id:	**SB-1 @ 25'**	Matrix:	Soil	Date Received:	08.31.13 00.00
Lab Sample Id:	469601-005	Date Collected:	08.29.13 13.20	Sample Depth:	25 ft

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	JUM			% Moisture:	7.84
Analyst:	JUM	Date Prep:	09.05.13 09.00	Basis:	Dry Weight
Seq Number:	922216				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**102**	10.9	mg/kg	09.05.13 13.31		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	ARM			% Moisture:	7.84
Analyst:	ARM	Date Prep:	09.03.13 17.00	Basis:	Dry Weight
Seq Number:	922075				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C6-C12 Gasoline Range Hydrocarbons	PHC612	ND	16.3	mg/kg	09.05.13 02.32	U	1
C12-C28 Diesel Range Hydrocarbons	PHCG1028	ND	16.3	mg/kg	09.05.13 02.32	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	ND	16.3	mg/kg	09.05.13 02.32	U	1
Total TPH	PHC635	ND	16.3	mg/kg	09.05.13 02.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-135	09.05.13 02.32	
o-Terphenyl	84-15-1	88	%	70-135	09.05.13 02.32	

Certificate of Analytical Results 469601

Regency Gas, Monahans, TX

Trunk O #2 Historical

Sample Id:	**SB-1 @ 25'**	Matrix:	Soil	Date Received:	08.31.13 00.00
Lab Sample Id:	469601-005	Date Collected:	08.29.13 13.20	Sample Depth:	25 ft
Analytical Method:	BTEX by SW 8260B			Prep Method:	SW5030B
Tech:	SAD			% Moisture:	7.84
Analyst:	SAD	Date Prep:	09.06.13 11.30	Basis:	Dry Weight
Seq Number:	922209			SUB:	TX104704215

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	ND	0.00107	mg/kg	09.06.13 12.13	U	1
Toluene	108-88-3	ND	0.00107	mg/kg	09.06.13 12.13	U	1
Ethylbenzene	100-41-4	ND	0.00107	mg/kg	09.06.13 12.13	U	1
m,p-Xylenes	179601-23-1	ND	0.00215	mg/kg	09.06.13 12.13	U	1
o-Xylene	95-47-6	ND	0.00107	mg/kg	09.06.13 12.13	U	1
Total Xylenes	1330-20-7	ND	0.00107	mg/kg	09.06.13 12.13	U	1
Total BTEX		ND	0.00107	mg/kg	09.06.13 12.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	98	%	74-126	09.06.13 12.13	
1,2-Dichloroethane-D4	17060-07-0	95	%	80-120	09.06.13 12.13	
Toluene-D8	2037-26-5	99	%	73-132	09.06.13 12.13	
4-Bromofluorobenzene	460-00-4	102	%	58-152	09.06.13 12.13	

Certificate of Analytical Results 469601

Regency Gas, Monahans, TX

Trunk O #2 Historical

Sample Id:	**SB-2 @ 5'**	Matrix:	Soil	Date Received:	08.31.13 00.00
Lab Sample Id:	469601-006	Date Collected:	08.29.13 13.40	Sample Depth:	5 ft

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	AMB			% Moisture:	11.45
Analyst:	AMB	Date Prep:	09.09.13 10.00	Basis:	Dry Weight
Seq Number:	922472				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8.25**	2.26	mg/kg	09.09.13 20.19		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	ARM			% Moisture:	11.45
Analyst:	ARM	Date Prep:	09.09.13 16.00	Basis:	Dry Weight
Seq Number:	922433				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C6-C12 Gasoline Range Hydrocarbons	PHC612	ND	16.9	mg/kg	09.10.13 03.58	U	1
C12-C28 Diesel Range Hydrocarbons	PHCG1028	ND	16.9	mg/kg	09.10.13 03.58	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	ND	16.9	mg/kg	09.10.13 03.58	U	1
Total TPH	PHC635	ND	16.9	mg/kg	09.10.13 03.58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-135	09.10.13 03.58	
o-Terphenyl	84-15-1	100	%	70-135	09.10.13 03.58	

Certificate of Analytical Results 469601

Regency Gas, Monahans, TX

Trunk O #2 Historical

Sample Id:	**SB-2 @ 10'**	Matrix:	Soil	Date Received:	08.31.13 00.00
Lab Sample Id:	469601-007	Date Collected:	08.29.13 13.45	Sample Depth:	10 ft

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	AMB			% Moisture:	19.4
Analyst:	AMB	Date Prep:	09.09.13 10.00	Basis:	Dry Weight
Seq Number:	922472				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**78.2**	12.4	mg/kg	09.10.13 09.40		5

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	ARM			% Moisture:	19.4
Analyst:	ARM	Date Prep:	09.09.13 16.00	Basis:	Dry Weight
Seq Number:	922433				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C6-C12 Gasoline Range Hydrocarbons	PHC612	ND	18.5	mg/kg	09.10.13 04.22	U	1
C12-C28 Diesel Range Hydrocarbons	PHCG1028	ND	18.5	mg/kg	09.10.13 04.22	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	ND	18.5	mg/kg	09.10.13 04.22	U	1
Total TPH	PHC635	ND	18.5	mg/kg	09.10.13 04.22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	09.10.13 04.22	
o-Terphenyl	84-15-1	104	%	70-135	09.10.13 04.22	

Certificate of Analytical Results 469601

Regency Gas, Monahans, TX

Trunk O #2 Historical

Sample Id:	**SB-2 @ 15'**	Matrix:	Soil	Date Received:	08.31.13 00.00
Lab Sample Id:	469601-008	Date Collected:	08.29.13 13.50	Sample Depth:	15 ft

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	AMB			% Moisture:	8.15
Analyst:	AMB	Date Prep:	09.09.13 10.00	Basis:	Dry Weight
Seq Number:	922472				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**27.3**	2.18	mg/kg	09.10.13 10.49		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	ARM			% Moisture:	8.15
Analyst:	ARM	Date Prep:	09.09.13 16.00	Basis:	Dry Weight
Seq Number:	922433				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C6-C12 Gasoline Range Hydrocarbons	PHC612	ND	16.3	mg/kg	09.10.13 04.45	U	1
C12-C28 Diesel Range Hydrocarbons	PHCG1028	ND	16.3	mg/kg	09.10.13 04.45	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	ND	16.3	mg/kg	09.10.13 04.45	U	1
Total TPH	PHC635	ND	16.3	mg/kg	09.10.13 04.45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	82	%	70-135	09.10.13 04.45	
o-Terphenyl	84-15-1	86	%	70-135	09.10.13 04.45	

Certificate of Analytical Results 469601

Regency Gas, Monahans, TX

Trunk O #2 Historical

Sample Id:	**SB-2 @ 20'**	Matrix:	Soil	Date Received:	08.31.13 00.00
Lab Sample Id:	469601-009	Date Collected:	08.29.13 13.55	Sample Depth:	20 ft

Analytical Method:	Inorganic Anions by EPA 300/300.1			Prep Method:	E300P
Tech:	JUM			% Moisture:	11.94
Analyst:	JUM	Date Prep:	09.05.13 09.00	Basis:	Dry Weight
Seq Number:	922216				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**36.0**	2.27	mg/kg	09.05.13 13.54		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	ARM			% Moisture:	11.94
Analyst:	ARM	Date Prep:	09.03.13 17.00	Basis:	Dry Weight
Seq Number:	922075				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C6-C12 Gasoline Range Hydrocarbons	PHC612	ND	17.1	mg/kg	09.05.13 03.47	U	1
C12-C28 Diesel Range Hydrocarbons	PHCG1028	ND	17.1	mg/kg	09.05.13 03.47	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	ND	17.1	mg/kg	09.05.13 03.47	U	1
Total TPH	PHC635	ND	17.1	mg/kg	09.05.13 03.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-135	09.05.13 03.47	
o-Terphenyl	84-15-1	81	%	70-135	09.05.13 03.47	

Certificate of Analytical Results 469601

Regency Gas, Monahans, TX

Trunk O #2 Historical

Sample Id:	**SB-2 @ 20'**	Matrix:	Soil	Date Received:	08.31.13 00.00
Lab Sample Id:	469601-009	Date Collected:	08.29.13 13.55	Sample Depth:	20 ft
Analytical Method:	BTEX by SW 8260B			Prep Method:	SW5030B
Tech:	SAD			% Moisture:	11.94
Analyst:	SAD	Date Prep:	09.06.13 11.32	Basis:	Dry Weight
Seq Number:	922209			SUB:	TX104704215

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	ND	0.00113	mg/kg	09.06.13 12.39	U	1
Toluene	108-88-3	ND	0.00113	mg/kg	09.06.13 12.39	U	1
Ethylbenzene	100-41-4	ND	0.00113	mg/kg	09.06.13 12.39	U	1
m,p-Xylenes	179601-23-1	ND	0.00225	mg/kg	09.06.13 12.39	U	1
o-Xylene	95-47-6	ND	0.00113	mg/kg	09.06.13 12.39	U	1
Total Xylenes	1330-20-7	ND	0.00113	mg/kg	09.06.13 12.39	U	1
Total BTEX		ND	0.00113	mg/kg	09.06.13 12.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	98	%	74-126	09.06.13 12.39	
1,2-Dichloroethane-D4	17060-07-0	91	%	80-120	09.06.13 12.39	
Toluene-D8	2037-26-5	100	%	73-132	09.06.13 12.39	
4-Bromofluorobenzene	460-00-4	99	%	58-152	09.06.13 12.39	

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

QC Summary 469601

Regency Gas

Trunk O #2 Historical

Analytical Method: **Inorganic Anions by EPA 300/300.1** Prep Method: E300P
Seq Number: 922216 Matrix: Solid Date Prep: 09.05.13
MB Sample Id: 643513-1-BLK LCS Sample Id: 643513-1-BKS LCSD Sample Id: 643513-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<2.00	50.0	43.0	86	52.5	105	80-120	20	20	mg/kg	09.05.13 12:46	

Analytical Method: **Inorganic Anions by EPA 300/300.1** Prep Method: E300P
Seq Number: 922472 Matrix: Solid Date Prep: 09.09.13
MB Sample Id: 643692-1-BLK LCS Sample Id: 643692-1-BKS LCSD Sample Id: 643692-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<2.00	50.0	47.3	95	49.4	99	80-120	4	20	mg/kg	09.09.13 16:32	

Analytical Method: **Inorganic Anions by EPA 300/300.1** Prep Method: E300P
Seq Number: 922216 Matrix: Soil Date Prep: 09.05.13
Parent Sample Id: 469602-009 MS Sample Id: 469602-009 S

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
Chloride	4.56	51.4	56.5	101	80-120	mg/kg	09.05.13 15:02	

Analytical Method: **Inorganic Anions by EPA 300/300.1** Prep Method: E300P
Seq Number: 922472 Matrix: Soil Date Prep: 09.09.13
Parent Sample Id: 469601-001 MS Sample Id: 469601-001 S

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
Chloride	240	525	841	114	80-120	mg/kg	09.09.13 18:49	

Analytical Method: **Percent Moisture**
Seq Number: 921948 Matrix: Solid
MB Sample Id: 921948-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Percent Moisture	ND	%	09.03.13 16:50	

Analytical Method: **Percent Moisture**
Seq Number: 922047 Matrix: Solid
MB Sample Id: 922047-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Percent Moisture	ND	%	09.04.13 12:45	

QC Summary 469601

Regency Gas

Trunk O #2 Historical

Analytical Method: **Percent Moisture**
Seq Number: 921948 Matrix: Soil
Parent Sample Id: 469601-005 MD Sample Id: 469601-005 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	7.84	7.58	3	20	%	09.03.13 16:50	

Analytical Method: **Percent Moisture**
Seq Number: 922047 Matrix: Soil
Parent Sample Id: 469601-001 MD Sample Id: 469601-001 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	4.77	4.09	15	20	%	09.04.13 12:45	

Analytical Method: **TPH By SW8015 Mod** Prep Method: TX1005P
Seq Number: 922075 Matrix: Solid Date Prep: 09.03.13
MB Sample Id: 643336-1-BLK LCS Sample Id: 643336-1-BKS LCSD Sample Id: 643336-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	930	93	935	94	70-135	1	35	mg/kg	09.05.13 01:21	
C12-C28 Diesel Range Hydrocarbons	<15.0	1000	878	88	875	88	70-135	0	35	mg/kg	09.05.13 01:21	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	109		81		85		70-135	%	09.05.13 01:21
o-Terphenyl	93		101		95		70-135	%	09.05.13 01:21

Analytical Method: **TPH By SW8015 Mod** Prep Method: TX1005P
Seq Number: 922433 Matrix: Solid Date Prep: 09.09.13
MB Sample Id: 643654-1-BLK LCS Sample Id: 643654-1-BKS LCSD Sample Id: 643654-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	1070	107	1030	103	70-135	4	35	mg/kg	09.09.13 23:14	
C12-C28 Diesel Range Hydrocarbons	<15.0	1000	965	97	877	88	70-135	10	35	mg/kg	09.09.13 23:14	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	89		116		114		70-135	%	09.09.13 23:14
o-Terphenyl	93		130		112		70-135	%	09.09.13 23:14

QC Summary 469601

Regency Gas

Trunk O #2 Historical

Analytical Method: TPH By SW8015 Mod — Prep Method: TX1005P
Seq Number: 922075 — Matrix: Soil — Date Prep: 09.03.13
Parent Sample Id: 469601-005 — MS Sample Id: 469601-005 S — MSD Sample Id: 469601-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
C6-C12 Gasoline Range Hydrocarbons	<16.3	1090	984	90	1010	93	70-135	3	35	mg/kg	09.05.13 02:58	
C12-C28 Diesel Range Hydrocarbons	<16.3	1090	833	76	861	79	70-135	3	35	mg/kg	09.05.13 02:58	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	98		107		70-135	%	09.05.13 02:58
o-Terphenyl	85		90		70-135	%	09.05.13 02:58

Analytical Method: TPH By SW8015 Mod — Prep Method: TX1005P
Seq Number: 922433 — Matrix: Soil — Date Prep: 09.09.13
Parent Sample Id: 469601-001 — MS Sample Id: 469601-001 S — MSD Sample Id: 469601-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.7	1050	1080	103	1100	105	70-135	2	35	mg/kg	09.10.13 02:00	
C12-C28 Diesel Range Hydrocarbons	<15.7	1050	1090	104	996	95	70-135	9	35	mg/kg	09.10.13 02:00	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	112		119		70-135	%	09.10.13 02:00
o-Terphenyl	122		120		70-135	%	09.10.13 02:00

Analytical Method: BTEX by SW 8260B — Prep Method: SW5030B
Seq Number: 922209 — Matrix: Solid — Date Prep: 09.06.13
MB Sample Id: 643510-1-BLK — LCS Sample Id: 643510-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Benzene	<0.00100	0.100	0.0991	99	62-132	mg/kg	09.06.13 10:31	
Toluene	<0.00100	0.100	0.0932	93	66-124	mg/kg	09.06.13 10:31	
Ethylbenzene	<0.00100	0.100	0.106	106	71-134	mg/kg	09.06.13 10:31	
m,p-Xylenes	<0.00200	0.200	0.208	104	69-128	mg/kg	09.06.13 10:31	
o-Xylene	<0.00100	0.100	0.0981	98	72-131	mg/kg	09.06.13 10:31	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	Limits	Units	Analysis Date
Dibromofluoromethane	95		98		74-126	%	09.06.13 10:31
1,2-Dichloroethane-D4	98		102		80-120	%	09.06.13 10:31
Toluene-D8	101		98		73-132	%	09.06.13 10:31
4-Bromofluorobenzene	100		100		58-152	%	09.06.13 10:31

QC Summary 469601

Regency Gas

Trunk O #2 Historical

Analytical Method: **BTEX by SW 8260B** Prep Method: SW5030B

Seq Number: 922209 Matrix: Soil Date Prep: 09.06.13

Parent Sample Id: 469829-001 MS Sample Id: 469829-001 S MSD Sample Id: 469829-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	86.3	525	637	105	629	103	62-132	1	25	mg/kg	09.06.13 16:25	
Toluene	2760	525	3780	194	3260	95	66-124	15	25	mg/kg	09.06.13 16:25	X
Ethylbenzene	138	525	769	120	732	113	71-134	5	25	mg/kg	09.06.13 16:25	
m,p-Xylenes	1640	1050	3070	136	2720	103	69-128	12	25	mg/kg	09.06.13 16:25	X
o-Xylene	240	525	846	115	821	111	72-131	3	25	mg/kg	09.06.13 16:25	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	96		96		74-126	%	09.06.13 16:25
1,2-Dichloroethane-D4	89		87		80-120	%	09.06.13 16:25
Toluene-D8	104		103		73-132	%	09.06.13 16:25
4-Bromofluorobenzene	101		99		58-152	%	09.06.13 16:25

Xenco Laboratories

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST 469601

12600 West I-20 East
Odessa, Texas 79765

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

Project Manager: Joel Lowry
Company Name: Basin Environmental Service Technologies, LLC
Company Address: P.O. Box 301
City/State/Zip: Lovington, NM 88260
Telephone No: (575)396-2378
Fax No: (575) 396-1429
Sampler Signature: [signature]
e-mail: pm@basinenv.com

Project Name: Trunk "O" #2 Historical
Project #:
Project Loc: Lea County, NM
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #:

Analyze For: TCLP: / TOTAL: X (BTEX)

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. 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)	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	HOLD		RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT 4 DAY
1	SB-1 @ 5'			8/29/2013	1300		1	x								Soil	x											x	x			x
2	SB-1 @ 10'			8/29/2013	1305		1	x								Soil	x											x	x			x
3	SB-1 @ 15'			8/29/2013	1310		1	x								Soil	x											x	x			x
4	SB-1 @ 20'			8/29/2013	1315		1	x								Soil	x											x	x			x
5	SB-1 @ 25'			8/29/2013	1320		1	x								Soil	x								x			x				x
6	SB-2 @ 5'			8/29/2013	1340		1	x								Soil	x											x	x			x
7	SB-2 @ 10'			8/29/2013	1345		1	x								Soil	x											x	x			x
8	SB-2 @ 15'			8/29/2013	1350		1	x								Soil	x											x	x			x
9	SB-2 @ 20'			8/29/2013	1355		1	x								Soil	x								x			x				x

Special Instructions: Email R.Johnson, I.Little, & C.Linstrom

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/30/13	9:00	[signature]	8/30/13	9:50
[signature]	8/30/13	9:50	[signature]	8/30/13	950
			Received by ELOT:		

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: 8.6 °C

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Regency Gas

Date/ Time Received: 08/31/2013 12:00:00 AM

Work Order #: 469601

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)?	8.6
#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)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**N/A**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

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

Analyst:	PH Device/Lot#:

Checklist completed by: Candace James Date: 09/03/2013
Candace James

Checklist reviewed by: Kelsey Brooks Date: 09/03/2013
Kelsey Brooks

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

Received
Hobbs OCD

Form C-141
Revised October 10, 2003

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

Trunk "O" #2

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

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

Surface Owner: DASCO Land and Cattle Co.	Mineral Owner: Federal	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	22	22S	36E					Lea

Latitude N32 22.298 Longitude W103 15.558

NATURE OF RELEASE

Type of Release : Crude Oil, Produced water, and Natural Gas	Volume of Release: 75 Bbls Fluid and 2160 MCF Nat. Gas	Volume Recovered 50 Bbls crude Oil and produced water
Source of Release : 30" Natural Gas Pipeline	Date and Hour of Occurrence not known	Date and Hour of Discovery 7/21/07 Time: 7:00 p.m.
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? NMOCD on call representative	
By Whom? Tony Savoie	Date and Hour: 7/21/07 7:15 p.m.	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
A 30" Natural Gas gathering line developed a leak due to excess fluid delivered by a producer caused the line to pressure up and leak fluid and natural gas. Crews began shutting the line in at 7:45 pm, vacuum trucks were dispatched to the leak sites to start picking up fluid. A total of 50 bls of fluid was recovered before the leak was temporarily repaired with a 30" leak repair clamp.

Describe Area Affected and Cleanup Action Taken. Approximately 3150 Square feet of pasture land and approximately 1800 square feet of caliche lease road was impacted by the release. Most of the heavily saturated soil was pushed up by a backhoe toward the point of release.
The final remediation will follow the NMOCD guidelines for the remediation of leaks and spills.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Tony Savoie	OIL CONSERVATION DIVISION
Printed Name: Tony Savoie John A. Savoie	Approved by District Supervisor: ENVIRO ENGR
Title: Remediation Supervisor	Approval Date: 8-7-07 Expiration Date: 10-2-07
E-mail Address: tony.savoie@sug.com	Conditions of Approval: SUBMIT FINAL C-141 w/ SUPPORTING DOCUMENTATION BY RP# 1508 Attached ☒ #1
Date: 7/31/07 Phone: 505-395-2116	

Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Southern Union Gas Services	Contact Crystal Callaway
Address 801 South Loop 464, Monahans, TX, 79756	Telephone No. 817-302-9407
Facility Name: Trunk "O" #2 **(RP-1508)**	Facility Type Natural Gas Gathering

Surface Owner: DASCO Land and Cattle Co	Mineral Owner Federal	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	22	22S	36E					Lea County

Latitude 32 22.298 **Longitude** -103 15.558

NATURE OF RELEASE

Type of Release: Crude Oil, Produced water, and Natural Gas	Volume of Release: 75 bbls Fluid and 2160 Mcf Nat. Gas	Volume Recovered: 50 bbls crude oil and produced water
Source of Release: 30" Natural Gas Pipeline	Date and Hour of Occurrence: Not known	Date and Hour of Discovery: 7/21/07 Time: 7:00 p.m.
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? NMOCD on call representative	
By Whom? Tony Savoie	Date and Hour 7/21/07 7:15 p.m.	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken
A 30" Natural Gas gathering line developed a leak due to excess fluid delivered by a producer caused the line to pressure up and leak fluid and natural gas. Crews began shutting the line in at 7:45 pm, vacuum trucks were dispatched to the leak sites to start picking up fluid. A total of 50 bbls of fluid was recovered before the leak was temporarily repaired with a 30" leak repair clamp.

Describe Area Affected and Cleanup Action Taken.* Approximately 3150 sq. ft. of pasture land and approximately 1,800 sq. ft. of caliche lease road was impacted by the release. Most of the heavily saturated soil was pushed up by a backhoe toward the point of release. The final remediation will follow the NMOCD Guidelines for the Remediation of Spills, Leaks and Releases.

Between August 1, 2007, and February 20, 2008, remediation activities were conducted at the Trunk "O" #2 Release Site by an environmental contractor that is no longer affiliated with the site. On October 31, the site was revisited in an effort to determine if soil containing concentrations of BTEX, TPH and chloride remained in-situ and collect confirmation soil samples.
Please see the attached Basin Environmental Services Technologies *Remediation Summary and Site Closure Request* for details of remedial activities and laboratory analytical results from confirmation soil sampling.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION	
Printed Name: Crystal Callaway	Approved by Environmental Specialist:	
Title: Senior Environmental Remediation Specialist	Approval Date:	Expiration Date:
E-mail Address: Senior Environmental Remediation Specialist	Conditions of Approval:	Attached ☐
Date: 11/14/2014 Phone: (817) 302-9407		