REMEDIATION SUMMARY & SOIL CLOSURE REQUEST

Property:

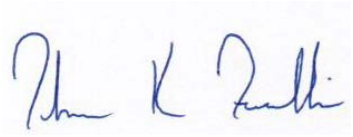
REGENCY FIELD SERVICES LLC.
L-5 TO MF
Historical Release Site
Lea County, New Mexico
Unit Letter "O", Section 15, Township 21 South, Range 37 East
Latitude 32.472081, Longitude -103.151236
NMOCD Reference # 1RP-2185

October 2014
Apex Project No. 7030714G023

Prepared for:

Regency Field Services LLC
301 Commerce Street, Suite 700
Fort Worth, TX 76109
Attn: **Ms. Crystal Callaway, BSN, RN, CHMM**

Prepared by:



Thomas Franklin
Project Manager

Tim Reed
Senior Technical Review

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CLOSURE REQUEST

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1.0 INTRODUCTION

1.1 Site Description & Background

Apex TITAN, Inc. (Apex) has prepared this Closure Request for the Regency Field Services, LLC (Regency) L-5 Pipeline as the result of a crude oil release (referred to hereinafter as the "Site" or "subject Site"). Remedial actions were reportedly conducted in accordance with New Mexico Energy, Minerals, and Natural Resources Department (EMNRD), Oil Conservation Division (NMOCD) rules (*NMAC 19.15.29 Release Notification*) and the NMOCD *Guidelines for Remediation of Leaks, Spills and Releases* as guidance.

The L-5 to MF is located off County Road (CR) 38, also referred to as Jones City Road, north of Eunice, New Mexico (GPS 32.472081, -103.151236). On January 7, 2009, a leak of greater than fifty (>50) million cubic feet (Mcf) of natural gas and greater than five (>5) barrels of oil was discovered. According to documentation, the release was reported by the operator at the time, Southern Union Gas, to the New Mexico Oil Conservation Division (NMOCD) on March 3, 2009. The NMOCD C-141 form indicated the release affected approximately one thousand, three hundred and forty square feet (1,340 ft^2). Regency Field Services, LLC. has subsequently acquired this pipeline.

The previous remedial activities were reportedly conducted by an unknown environmental consultant and by Basin Environmental Service Technologies, LLC. (Basin). This Closure Request is solely based upon the interpretation of the data provided.

1.2 Project Objective

The objective of the Closure Report is to present documentation of the activities that were performed to date and to request closure of the site.

1.3 Standard of Care

Apex's services will be performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same time period.

Apex makes no warranties, express or implied, as to the services performed hereunder. Additionally, Apex does not warrant the work of third parties supplying information used in the report (e.g. laboratories, regulatory agencies, or other third parties). This scope of services will be performed in accordance with the scope of work agreed with the client.

1.4 Reliance

This report has been prepared for the exclusive use of Regency, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization of Regency and Apex. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in the proposal, the report, and Apex's Agreement. The limitation of liability defined in the agreement is the aggregate limit of Apex's liability to the client.

2.0 SITE RANKING & PROPOSED REMEDIAL ACTION GOALS

The Site is subject to regulatory oversight by the NMOCD. To address activities related to releases, the NMOCD utilizes the *Guidelines for Remediation of Leaks, Spills and Releases* as guidance, in addition to the NMOCD rules, specifically NMAC 19.15.29 *Release Notification*. These documents establish investigation and abatement action requirements for sites subject to reporting and/or corrective action.

In accordance with the NMOCD's *Guidelines for Remediation of Leaks, Spills and Releases*, Apex utilized the general site characteristics to determine the appropriate "ranking" for the Site. The ranking criteria and associated scoring are provided in the table below:

Ranking Criteria			**Ranking Score**
Depth to Groundwater	<50 feet	20	**20**
	50 to 99 feet	10	
	>100 feet	0	
Wellhead Protection Area, <1,000 feet from a water source, or; <200 feet from private domestic water source.	Yes	20	**0**
	No	0	
Distance to Surface Water Body	<200 feet	20	**0**
	200 to 1,000 feet	10	
	>1,000 feet	0	
Total Ranking Score			**20**

Based on Apex's evaluation of the scoring criteria, the Site would have a Total Ranking Score of 20. This ranking is based on the following:

- The depth to the initial groundwater-bearing zone is <50 feet at the Site.

- The impacted area is greater than 200 feet from a private domestic water source.
- Distance to the nearest surface water body is greater than 1,000 ft.

Based on a Total Ranking Score of 20, cleanup goals for soils remaining in place include: 10 milligrams per kilogram (mg/Kg) for benzene, 50 mg/Kg for total benzene, toluene, ethlybenzene and xylene (BTEX), 100 mg/Kg for Total Petroleum Hydrocarbons (TPH).

3.0 INITIAL RESPONSE, EXCAVATION & TREATMENT ACTIVITIES

3.1 Initial Response

According to the initial C-141, Southern Union Gas responded to the leaking pipeline. The leak area was excavated and three (3) clamps were installed on the pipeline, no free standing fluids were discovered at that time. There were two areas of impact noted, one area measured approximately ten (10) feet by eighteen (18) feet and the second area measured approximately forty (40) feet by twenty (20) feet. The impacted soils were identified through surface staining in an area approximately one thousand, three hundred and forty square feet (1,340 ft^2) as shown on Figure 3, Appendix A. The supplied figure was created by Basin Environmental Services.

3.2 Excavation

Reportedly, in 2009, approximately 2,904 cubic yards (yd^3) of impacted soil was excavated from the release site by Basin and transported to the Southern Union Landfarm (Permit # NM-02-0019) for treatment. Copies of the Basin prepared Manifests are included in Appendix D. The final dimensions of the excavation were approximately 120 feet in width, 80 feet in length and 26 feet in depth near the center. Further excavation was determined to be unsafe and impracticable given the risks associated with the depth of the excavation and the proximity of the floor of the excavation to groundwater.

3.3 Excavation Confirmation Soil Sampling Program

Based on the information provided, confirmation soil samples of the excavation were collected by Basin and analyzed for BTEX and TPH. The only exceedance of the NMOCD *Guidelines for Remediation of Leaks, Spills and Releases* (Section VI A. Contaminated Soils, a) were two (2) TPH results of 158 milligrams per kilogram (mg/Kg) and 1,230 mg/kg, in unknown locations.

3.4 Groundwater Investigation and Sampling Program

Subsequently, Basin supervised the installation of one monitor well (MW-1) in February, 2013, reportedly in an effort to gain closure on the soil portion of the release site. During the installation of the monitor well, soil samples were collected for BTEX, TPH and chloride. Chloride concentrations above 250 mg/kg were documented at five (5) and ten (10) feet below ground surface (bgs) at 392 mg/kg and 500 mg/kg, respectively, but declined to <250 mg/Kg with depth.

On February 28, 2013, May 9, 2013, September 3, 2013, January 9, 2014 and February 28, 2014, the monitor well was sampled and groundwater samples were submitted to

Xenco Laboratories, Inc., of Odessa, Texas, for analysis of BTEX, total dissolved solids (TDS) and chloride concentrations. Laboratory analytical results indicated BTEX concentrations were less than the laboratory method detection limit (MDL) for each of the submitted groundwater samples, with the exception of benzene at 0.0258 mg/L for the January 9, 2014 sampling event. All of the other sampling events including the February 28, 2014, sampling did not show benzene concentrations above the laboratory MDL. Chloride concentrations ranged from 102 mg/L for the sample collected in February 2013, to 123 mg/L for the sample collected in May 2013.

Currently, there is one (1) groundwater monitoring well (MW-1) on-Site.

CHEMCIALS OF CONCERN (COCS)

Groundwater samples collected from the monitoring well have historically been analyzed for chloride and BTEX by EPA Methods E300 and SW846-8021B, respectively. To date no phase-separated hydrocarbons (PSH) have been identified in the monitoring well and none of the results have shown chloride impact to groundwater. With the exception of one sampling event on January 9, 2014, no BTEX concentrations have exceeded the New Mexico Water Quality Control Commission (WQCC) standards. The WQCC standard for BTEX and chloride is benzene at 0.01 mg/L, toluene at 0.75 mg/L, ethylbenzene at 0.75 mg/L, total xylenes at 0.62 mg/L and chloride at 250 mg/L, respectively. Copies of tables provided by Basin, inclusive of the previously reported sampling is included in Appendix B.

4.0 LABORATORY ANALYTICAL METHODS

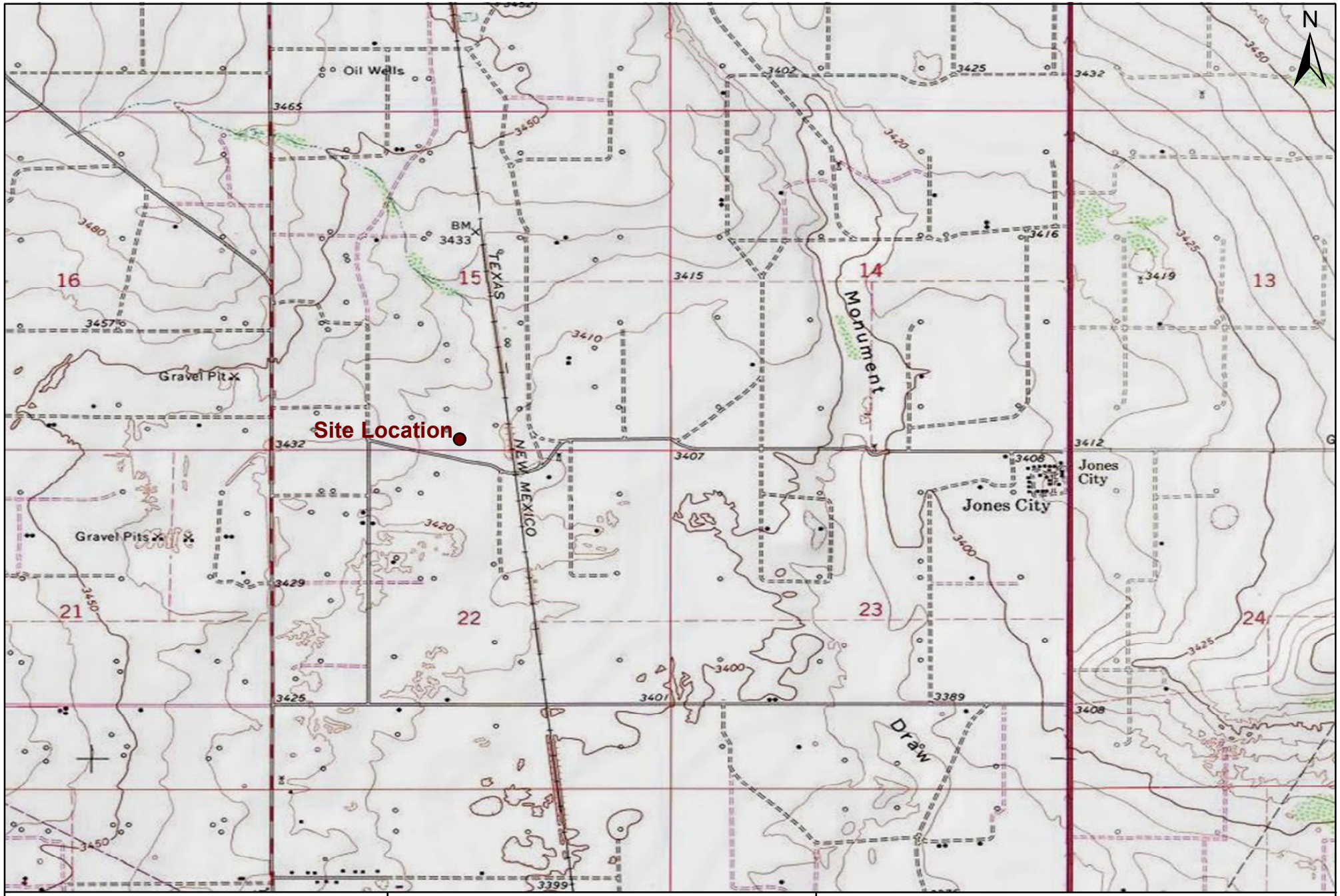
The samples were analyzed for TPH GRO/DRO utilizing EPA method SW-846 8015, BTEX using EPA method SW-846 8021B and chlorides utilizing EPA method SW-846 300.1. Copies of the laboratory analysis provided by Basin are provided in Appendix C.

5.0 SITE RESTORATION / CLOSURE REQUEST

Based upon the data provided, the site was subsequently backfilled and restored. MW-1 was installed to confirm that there was not a chloride or BTEX impact to the groundwater at this site. Laboratory analytical results for five (5) sampling events confirmed that there was not a chloride impact to groundwater. The laboratory analytical results indicated that BTEX concentrations were less than the laboratory MDL for each of the submitted groundwater samples, with the exception of benzene at 0.0258 mg/L for the January 9, 2014 sampling event. Based upon the data presented and the work performed at this site, Regency respectfully requests closure of this site. Upon approval from the NMOCD, the monitor well will be properly plugged by a licensed water well driller. Copies of the Initial and Final C-141 are provided in Appendix E.

APPENDIX A

Figures



1,000 500 0 1,000 2,000

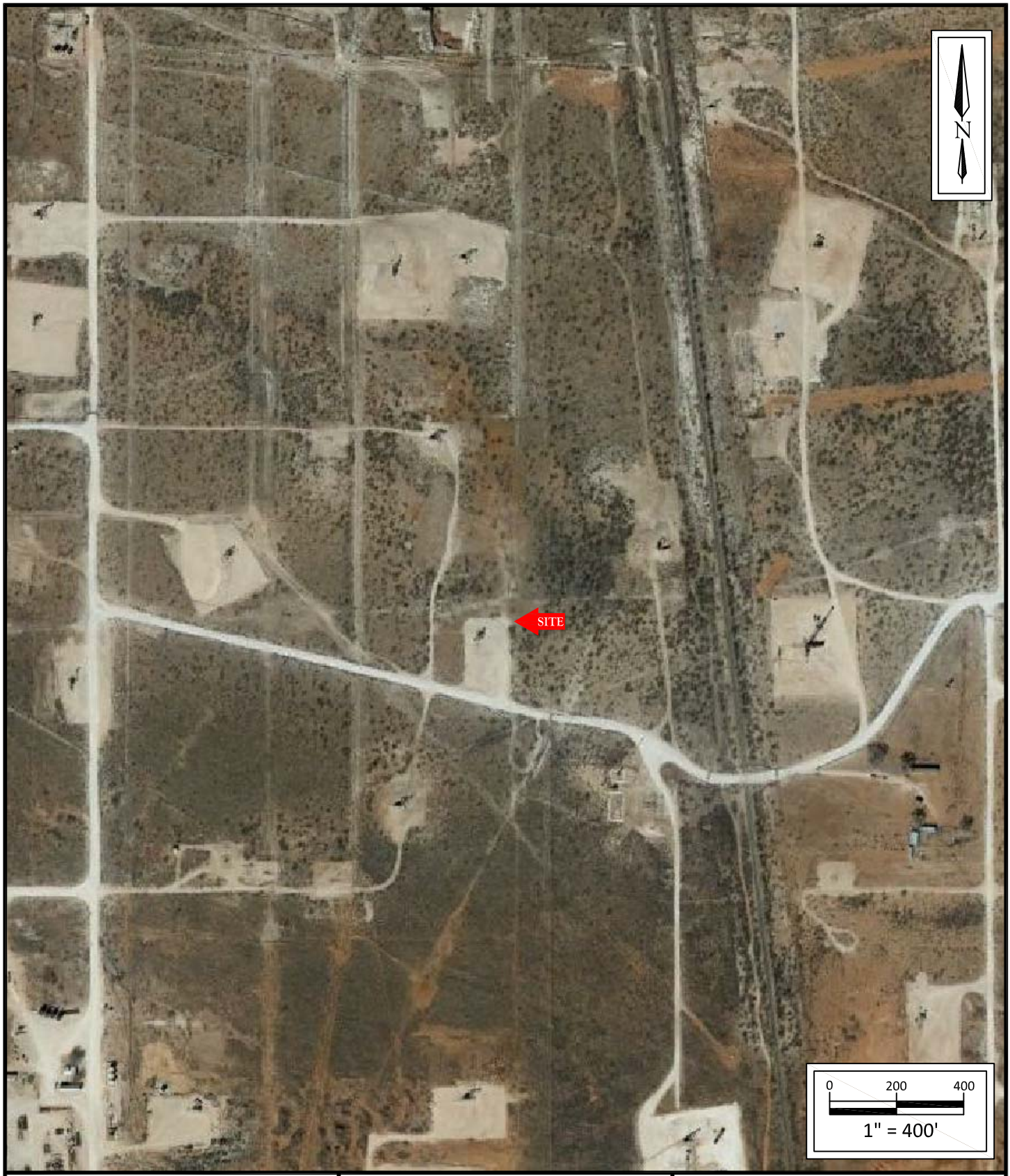
Distance in Feet

Figure 1
Site Location Map
Southern Union Gas Services
L-5 to MF Historical
Lea County, New Mexico
NMOCD Reference #: 1RP-2184

Basin Environmental Service Technologies
Effective Solutions

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

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

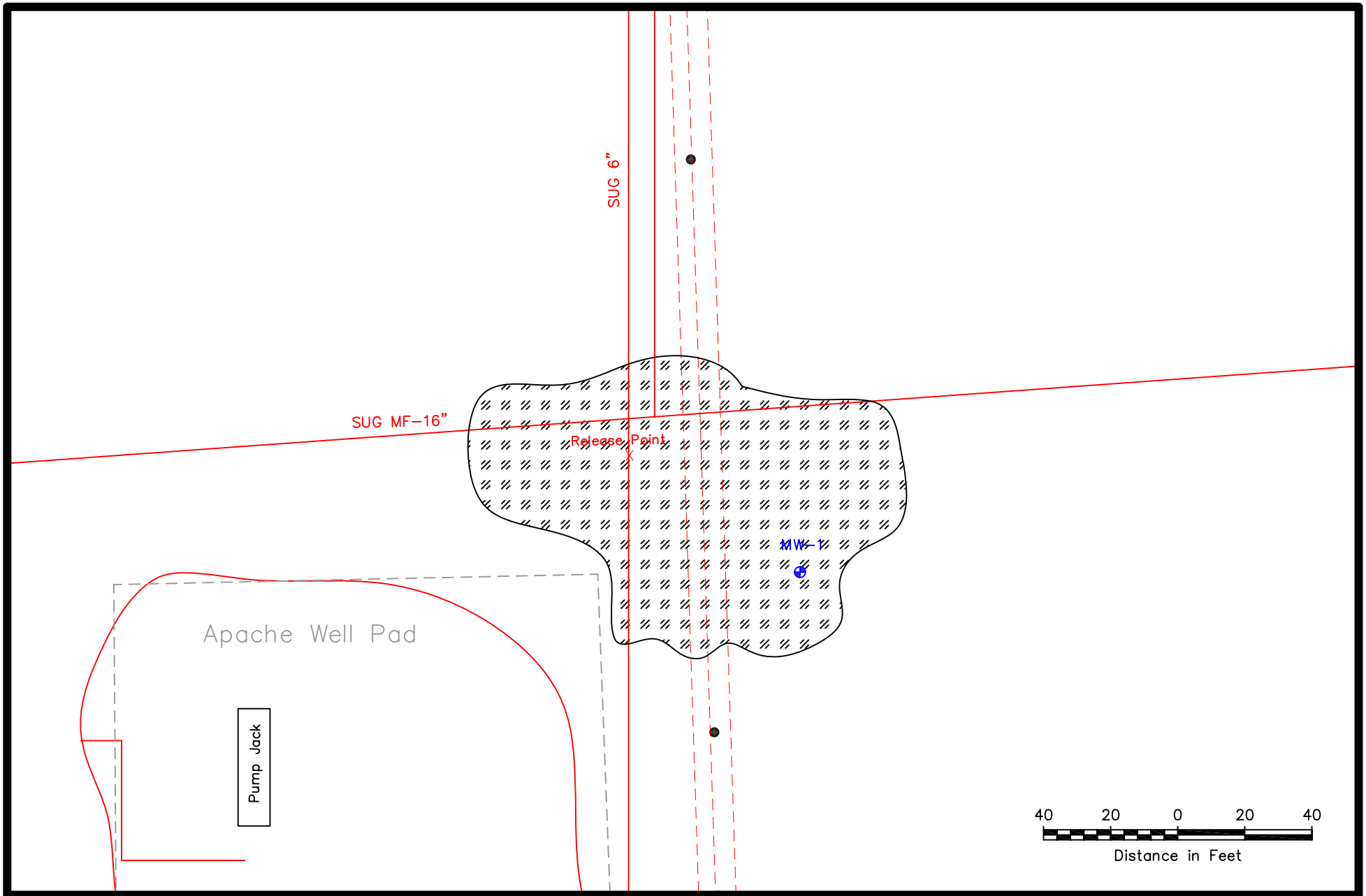


Southern Union Gas services
L-5 to MF
NMOCD Ref RP-2184
Lea County, New Mexico

Apex TITAN, Inc.
505 N. Big Springs Street, Suite 301A
Midland, Texas 79701
Phone: (432) 695-6016
www.apexcos.com
A Subsidiary of Apex Companies, LLC

FIGURE 2
Site Vicinity Map
2014 Aerial Photograph
Source: Google Earth

Z:\Houston South\Drafting\Midland 07\2014\7030714G023\Figure 2.dwg 10/06/14



Legend:

- Pipeline
- Powerlines
- Well Pad
- Disturbed Area
- Monitor Well
- Power Pole

Figure 3
Monitor Well Location Map
Southern Union Gas Services
L-5 to MF
NMOCD Ref RP-2184
Lea County, New Mexico

Basin Environmental Services

Prep By: JWL	Checked By: BJA
October 15, 2012	Scale 1"=40'

APPENDIX B

Soil Analytical Results
Groundwater Analytical Results

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
L-5 TO MF
HISTORICAL RELEASE SITE
LEA COUNTY, NEW MEXICO
NMOCD REF# 1RP-2185

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)	METHOD: E300.0
				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)
B.S	N/A	3/30/2009	N/A	-	-	-	-	-	-	-	-	-	<16
PR @ 19'	19'	3/30/2009	N/A	<0.050	<0.050	<0.050	<0.030	<0.050	-	-	-	-	-
PR @ 26'	26'	4/22/2009	N/A	<0.050	<0.050	<0.050	<0.030	<0.050	<10.0	158	-	**158**	-
WW-Comp.	N/A	4/29/2009	N/A	-	-	-	-	-	<10.0	65.6	-	65.6	-
SW-Comp.	N/A	4/29/2009	N/A	-	-	-	-	-	<10.0	15.6	-	15.6	
EW-Comp.	N/A	4/29/2009	N/A	-	-	-	-	-	<10.0	79.9	-	79.9	
NW-Comp.	N/A	5/4/2009	N/A						<10.0	1,230	-	**1,230**	-
2-EW-Comp.	N/A	5/4/2009	N/A	-	-	-	-	-	<10.0	80.0	-	80.0	-
2-WW-Comp.	N/A	5/4/2009	N/A	-	-	-	-	-	<10.0	<10.0	-	<10.0	-
NW-Comp.	N/A	5/12/2009	N/A	-	-	-	-	-	<10.0	12.2	-	12.2	-
MW-1 @ 5'	5'	2/26/2013	In-Situ	<0.00105	<0.00209	<0.00105	<0.00105	<0.00209	<15.7	53.9	<15.7	53.9	**392**
MW-1 @ 10'	10'	2/26/2013	In-Situ	-	-	-	-	-	<16.2	19.8	<16.2	19.8	**500**
MW-1 @ 15'	15'	2/26/2013	In-Situ	-	-	-	-	-	<16.6	<16.6	<16.6	<16.6	133
MW-1 @ 20'	20'	2/26/2013	In-Situ	<0.00110	<0.00220	<0.00110	<0.00110	<0.00110	<16.6	<16.6	<16.6	<16.6	53.4
MW-1 @ 25'	25'	2/26/2013	In-Situ	-	-	-	-	-	<16.1	<16.1	<16.1	<16.1	15.1
MW-1 @ 30'	30'	2/26/2013	In-Situ	-	-	-	-	-	<15.9	<15.9	<15.9	<15.9	20.1
MW-1 @ 35'	35'	2/26/2013	In-Situ	<0.00107	<0.00213	<0.00107	<0.00107	<0.00107	<16.0	<16.0	<16.0	<16.0	17.6
NMOCD Standard				**10**				**50**				**100**	**250**

- = Not analyzed.

TABLE 2

CONCENTRATIONS OF BENZENE, BTEX, CHLORIDE & TDS IN GROUNDWATER

SOUTHERN UNION GAS SERVICES
L-5 to MF
HISTORICAL RELEASE SITE
LEA COUNTY, NEW MEXICO
NMOCD REF # 1RP-2185

SAMPLE LOCATION	SAMPLE DATE	METHODS: EPA SW 846-8021B							SM2540C	EPA 300
		BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL-BENZENE (mg/L)	M,P-XYLENES (mg/L)	O-XYLENES (mg/L)	TOTAL XYLENE (mg/L)	TOTAL BTEX (mg/L)	TDS (mg/L)	CHLORIDE (mg/L)
MW-1	02/28/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00100	<0.00100	675	102
MW-1	05/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00100	<0.00100	-	123
MW-1	09/03/13	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00100	<0.00100	-	96.4
MW-1	01/09/14	**0.0258**	<0.00200	0.00344	0.00444	<0.00100	0.00444	0.0337	-	103.0
MW-1	02/28/14	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00100	<0.00100		117.0
NMOCD CRITERIA		**0.01**	**0.75**	**0.75**	**TOTAL XYLENES 0.62**					**250**

APPENDIX C

Laboratory Data Reports & Chain-of-Custody Documents

Analytical Report 458517

for

Southern Union Gas Services- Monahans

Project Manager: Joel Lowry

L-5 to MF

03-MAR-13

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

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

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

03-MAR-13

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

Reference: XENCO Report No(s): **458517**
L-5 to MF
Project Address: Lea County, NM

Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 458517. 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. 458517 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 458517

Southern Union Gas Services- Monahans, Monahans, TX

L-5 to MF

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1	W	02-28-13 11:00		458517-001

Project ID:
Work Order Number(s): *458517*

Report Date: *03-MAR-13*
Date Received: *02/28/2013*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 458517

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: L-5 to MF

Project Id:
Contact: Joel Lowry
Project Location: Lea County, NM

Date Received in Lab: Thu Feb-28-13 02:22 pm
Report Date: 03-MAR-13
Project Manager: Nicholas Straccione

Analysis Requested							
	Lab Id:	458517-001					
	Field Id:	MW-1					
	Depth:						
	Matrix:	WATER					
	Sampled:	Feb-28-13 11:00					
BTEX by EPA 8021B	***Extracted:***	Mar-01-13 10:30					
	Analyzed:	Mar-01-13 11:04					
	Units/RL:	mg/L	RL				
Benzene		ND	0.00100				
Toluene		ND	0.00200				
Ethylbenzene		ND	0.00100				
m_p-Xylenes		ND	0.00200				
o-Xylene		ND	0.00100				
Total Xylenes		ND	0.00100				
Total BTEX		ND	0.00100				
Inorganic Anions by EPA 300/300.1	***Extracted:***						
	Analyzed:	Mar-01-13 15:19					
	Units/RL:	mg/L	RL				
Chloride		102	20.0				
TDS by SM2540C	***Extracted:***						
	Analyzed:	Mar-01-13 12:00					
	Units/RL:	mg/L	RL				
Total dissolved solids		675	25.0				

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

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

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

Form 2 - Surrogate Recoveries

Project Name: L-5 to MF

Work Orders : 458517,

Project ID:

Lab Batch #: 908039 **Sample:** 458517-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/01/13 11:04

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0289	0.0300	96	80-120	
4-Bromofluorobenzene	0.0317	0.0300	106	80-120	

Lab Batch #: 908039 **Sample:** 634479-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/01/13 09:10

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0314	0.0300	105	80-120	
4-Bromofluorobenzene	0.0294	0.0300	98	80-120	

Lab Batch #: 908039 **Sample:** 634479-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/01/13 08:38

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0277	0.0300	92	80-120	
4-Bromofluorobenzene	0.0338	0.0300	113	80-120	

Lab Batch #: 908039 **Sample:** 634479-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/01/13 08:54

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0268	0.0300	89	80-120	
4-Bromofluorobenzene	0.0328	0.0300	109	80-120	

Lab Batch #: 908039 **Sample:** 458187-001 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/01/13 10:15

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0275	0.0300	92	80-120	
4-Bromofluorobenzene	0.0345	0.0300	115	80-120	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: L-5 to MF

Work Orders : 458517,

Project ID:

Lab Batch #: 908039 **Sample:** 458187-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/01/13 10:31

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0332	0.0300	111	80-120	
4-Bromofluorobenzene	0.0305	0.0300	102	80-120	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

BS / BSD Recoveries

Project Name: L-5 to MF

Work Order #: 458517

Project ID:

Analyst: KEB **Date Prepared:** 03/01/2013 **Date Analyzed:** 03/01/2013

Lab Batch ID: 908039 **Sample:** 634479-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.0936	94	0.100	0.0997	100	6	70-125	25	
Toluene	<0.00200	0.100	0.0925	93	0.100	0.0973	97	5	70-125	25	
Ethylbenzene	<0.00100	0.100	0.0943	94	0.100	0.0962	96	2	71-129	25	
m_p-Xylenes	<0.00200	0.200	0.187	94	0.200	0.194	97	4	70-131	25	
o-Xylene	<0.00100	0.100	0.0936	94	0.100	0.0967	97	3	71-133	25	

Analyst: AMB **Date Prepared:** 03/01/2013 **Date Analyzed:** 03/01/2013

Lab Batch ID: 908083 **Sample:** 908083-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

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	25.0	24.3	97	25.0	24.7	99	2	80-120	20	

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

BS / BSD Recoveries

Project Name: L-5 to MF

Work Order #: 458517

Analyst: MTK

Date Prepared: 03/01/2013

Project ID:

Date Analyzed: 03/01/2013

Lab Batch ID: 908093

Sample: 908093-1-BKS

Batch #: 1

Matrix: Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TDS by SM2540C 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
Total dissolved solids	<25.0	1000	994	99	1000	1040	104	5	80-120	30	

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: L-5 to MF

Work Order #: 458517
Lab Batch #: 908083
Project ID:
Date Analyzed: 03/01/2013
Date Prepared: 03/01/2013
Analyst: AMB
QC- Sample ID: 458508-001 S
Batch #: 1
Matrix: Water
Reporting Units: mg/L

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	1600	2500	4230	105	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: L-5 to MF

Work Order # : 458517 **Project ID:**

Lab Batch ID: 908039 **QC- Sample ID:** 458187-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 03/01/2013 **Date Prepared:** 03/01/2013 **Analyst:** KEB

Reporting Units: mg/L

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
Benzene	<0.00100	0.100	0.107	107	0.100	0.106	106	1	70-125	25	
Toluene	<0.00200	0.100	0.109	109	0.100	0.102	102	7	70-125	25	
Ethylbenzene	<0.00100	0.100	0.109	109	0.100	0.108	108	1	71-129	25	
m_p-Xylenes	<0.00200	0.200	0.205	103	0.200	0.208	104	1	70-131	25	
o-Xylene	<0.00100	0.100	0.102	102	0.100	0.104	104	2	71-133	25	

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: L-5 to MF

Work Order #: 458517

Lab Batch #: 908093 **Project ID:**

Date Analyzed: 03/01/2013 12:00 **Date Prepared:** 03/01/2013 **Analyst:** MTK

QC- Sample ID: 458508-001 D **Batch #:** 1 **Matrix:** Water

Reporting Units: mg/L

TDS by SM2540C Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Total dissolved solids	3440	3860	12	30	

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

BRL - Below Reporting Limit

LAB Order ID # 458517

Cardinal Laboratories

101 East Marland
Hobbs, NM 88240
Tel (575) 393-2326
Fax (575) 393-2476

Company Name:	Basin Environmental Service Technologies, LLC	Phone #:	(575)396-2378
Address:	P.O. Box 301 Lovington, NM 88260	Fax #:	(575)396-1429
Contact Person:	Joel Lowry pm@basinenv.com Rose Slade Rose.slade@sug.com	E-mail:	pm@basinenv.com rose.slade@sug.com cyndi.inskeep@sug.com
Invoice to:	Southern Union Gas Services		
Project #:		Project Name:	L-5 to MF
Project Location: (include state)	Lea / NM	Sampler Signature:	Joel Lowry

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB ID (LAB USE ONLY)	SAMPLE ID	(G)RAB or (C)OMP	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	Chloride	TDS	BTEX 8021B	Turn Around Time if different from standard	Hold
	MW-1	G	4	X				X				X		2/28	1100	X	X	X	Rush	

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:		
Joel Lowry		2/28/13		Steve Butler		2-28-13	[illegible]	INST	OBS °C COR °C
				[illegible]	[illegible]	3-1-13	10:20	INST	OBS °C COR °C
								INST	OBS °C COR °C

LAB USE ONLY
Intact Y / N
Headspace Y / N /NA
Log-in Review

REMARKS: -1

- [ ] Dry Weight Basis Required
- [ ] TRRP Report Required
- [ ] Check If Special Reporting Limits Are Needed

Carrier #

Submittal of samples constitutes agreement to Terms and Conditions

ORIGINAL COPY

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Date/ Time Received: 02/28/2013 02:22:00 PM

Work Order #: 458517

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

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

Analyst:	PH Device/Lot#:

Checklist completed by: _____ Date: _____

Checklist reviewed by: _____ Date: _____

Analytical Report 458453

for

Southern Union Gas Services- Monahans

Project Manager: Joel Lowry

L-5 to MF

(1RP-2184)

11-MAR-13

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

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

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

11-MAR-13

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

Reference: XENCO Report No(s): **458453**
L-5 to MF
Project Address: Lea County, NM

Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 458453. 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. 458453 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 458453

Southern Union Gas Services- Monahans, Monahans, TX

L-5 to MF

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1 @ 5'	S	02-26-13 09:30	5 ft	458453-001
MW-1 @ 10'	S	02-26-13 09:40	10 ft	458453-002
MW-1 @ 15'	S	02-26-13 09:50	15 ft	458453-003
MW-1 @ 20'	S	02-26-13 10:00	20 ft	458453-004
MW-1 @ 25'	S	02-26-13 10:10	25 ft	458453-005
MW-1 @ 30'	S	02-26-13 10:20	30 ft	458453-006
MW-1 @ 35'	S	02-26-13 10:30	35 ft	458453-007

CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans
Project Name: L-5 to MF

Project ID:	*(1RP-2184)*	Report Date:	*11-MAR-13*
Work Order Number(s):	*458453*	Date Received:	*02/27/2013*

Sample receipt non conformances and comments:
None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-908387 Inorganic Anions by EPA 300/300.1
E300

Batch 908387, Chloride recovered below QC limits in the Matrix Spike.
Samples affected are: 458453-006, -007, -005.
The Laboratory Control Sample for Chloride is within laboratory Control Limits

Batch: LBA-908636 BTEX by EPA 8021B
SW8021BM

Batch 908636, Ethylbenzene, m_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike Duplicate.
Samples affected are: 458453-001, -004.
The Laboratory Control Sample for Ethylbenzene, m_p-Xylenes , o-Xylene is within laboratory Control Limits

Certificate of Analysis Summary 458453

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: L-5 to MF

Project Id: (1RP-2184)
Contact: Joel Lowry
Project Location: Lea County, NM

Date Received in Lab: Wed Feb-27-13 10:20 am
Report Date: 11-MAR-13
Project Manager: Nicholas Straccione

Analysis Requested													
	Lab Id:	458453-001		458453-002		458453-003		458453-004		458453-005		458453-006	
	Field Id:	MW-1 @ 5'		MW-1 @ 10'		MW-1 @ 15'		MW-1 @ 20'		MW-1 @ 25'		MW-1 @ 30'	
	Depth:	5- ft		10- ft		15- ft		20- ft		25- ft		30- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Feb-26-13 09:30		Feb-26-13 09:40		Feb-26-13 09:50		Feb-26-13 10:00		Feb-26-13 10:10		Feb-26-13 10:20	
BTEX by EPA 8021B	***Extracted:***	Mar-08-13 13:10						Mar-08-13 13:10					
	Analyzed:	Mar-08-13 19:11						Mar-08-13 19:28					
	Units/RL:	mg/kg	RL					mg/kg	RL				
Benzene		ND	0.00105					ND	0.00110				
Toluene		ND	0.00209					ND	0.00220				
Ethylbenzene		ND	0.00105					ND	0.00110				
m_p-Xylenes		ND	0.00209					ND	0.00220				
o-Xylene		ND	0.00105					ND	0.00110				
Total Xylenes		ND	0.00105					ND	0.00110				
Total BTEX		ND	0.00105					ND	0.00110				
Inorganic Anions by EPA 300/300.1 SUB: TX104704215	***Extracted:***												
	Analyzed:	Mar-06-13 09:02		Mar-06-13 09:24		Mar-06-13 09:45		Mar-06-13 10:07		Mar-06-13 12:46		Mar-06-13 13:30	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		392	10.0	500	10.0	133	20.0	53.4	10.0	15.1	4.00	20.1	4.00
Percent Moisture	***Extracted:***												
	Analyzed:	Mar-01-13 13:45		Mar-01-13 13:45		Mar-01-13 13:45		Mar-01-13 13:45		Mar-04-13 13:00		Mar-04-13 13:00	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		4.71	1.00	7.89	1.00	9.69	1.00	9.55	1.00	6.77	1.00	5.88	1.00
TPH By SW8015 Mod	***Extracted:***	Mar-01-13 16:00		Mar-01-13 16:00		Mar-01-13 16:00		Mar-01-13 16:00		Mar-01-13 16:00		Mar-01-13 16:00	
	Analyzed:	Mar-02-13 02:01		Mar-02-13 02:25		Mar-02-13 02:49		Mar-02-13 03:14		Mar-02-13 03:38		Mar-02-13 04:02	
	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	16.2	ND	16.6	ND	16.6	ND	16.1	ND	15.9
C12-C28 Diesel Range Hydrocarbons		53.9	15.7	19.8	16.2	ND	16.6	ND	16.6	ND	16.1	ND	15.9
C28-C35 Oil Range Hydrocarbons		ND	15.7	ND	16.2	ND	16.6	ND	16.6	ND	16.1	ND	15.9
Total TPH		53.9	15.7	19.8	16.2	ND	16.6	ND	16.6	ND	16.1	ND	15.9

Nicholas Straccione
Project Manager

Certificate of Analysis Summary 458453

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: L-5 to MF

Project Id: (1RP-2184)
Contact: Joel Lowry
Project Location: Lea County, NM

Date Received in Lab: Wed Feb-27-13 10:20 am
Report Date: 11-MAR-13
Project Manager: Nicholas Straccione

Analysis Requested							
	Lab Id:	458453-007					
	Field Id:	MW-1 @ 35'					
	Depth:	35- ft					
	Matrix:	SOIL					
	Sampled:	Feb-26-13 10:30					
BTEX by EPA 8021B	***Extracted:***	Mar-04-13 08:10					
	Analyzed:	Mar-04-13 09:51					
	Units/RL:	mg/kg RL					
Benzene		ND 0.00107					
Toluene		ND 0.00213					
Ethylbenzene		ND 0.00107					
m_p-Xylenes		ND 0.00213					
o-Xylene		ND 0.00107					
Total Xylenes		ND 0.00107					
Total BTEX		ND 0.00107					
Inorganic Anions by EPA 300/300.1 SUB: TX104704215	***Extracted:***						
	Analyzed:	Mar-06-13 13:51					
	Units/RL:	mg/kg RL					
Chloride		17.6 4.00					
Percent Moisture	***Extracted:***						
	Analyzed:	Mar-04-13 13:00					
	Units/RL:	% RL					
Percent Moisture		6.79 1.00					
TPH By SW8015 Mod	***Extracted:***	Mar-01-13 16:00					
	Analyzed:	Mar-02-13 04:26					
	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

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

Certified and approved by numerous States and Agencies.

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

Form 2 - Surrogate Recoveries

Project Name: L-5 to MF

Work Orders : 458453,

Project ID: (1RP-2184)

Lab Batch #: 908102 **Sample:** 458453-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/02/13 02:01

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	101	99.5	102	70-135	
o-Terphenyl	52.5	49.8	105	70-135	

Lab Batch #: 908102 **Sample:** 458453-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/02/13 02:25

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.5	99.7	98	70-135	
o-Terphenyl	51.7	49.9	104	70-135	

Lab Batch #: 908102 **Sample:** 458453-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/02/13 02:49

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	95.1	99.8	95	70-135	
o-Terphenyl	50.4	49.9	101	70-135	

Lab Batch #: 908102 **Sample:** 458453-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/02/13 03:14

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.7	99.8	99	70-135	
o-Terphenyl	52.4	49.9	105	70-135	

Lab Batch #: 908102 **Sample:** 458453-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/02/13 03:38

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	100	100	100	70-135	
o-Terphenyl	53.1	50.0	106	70-135	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: L-5 to MF

Work Orders : 458453,

Project ID: (1RP-2184)

Lab Batch #: 908102 **Sample:** 458453-006 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/02/13 04:02

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.0	99.9	97	70-135	
o-Terphenyl	51.3	50.0	103	70-135	

Lab Batch #: 908102 **Sample:** 458453-007 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/02/13 04:26

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.7	99.7	99	70-135	
o-Terphenyl	52.0	49.9	104	70-135	

Lab Batch #: 908204 **Sample:** 458453-007 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/04/13 09:51

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0261	0.0300	87	80-120	
4-Bromofluorobenzene	0.0278	0.0300	93	80-120	

Lab Batch #: 908636 **Sample:** 458453-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/08/13 19:11

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0320	0.0300	107	80-120	
4-Bromofluorobenzene	0.0317	0.0300	106	80-120	

Lab Batch #: 908636 **Sample:** 458453-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/08/13 19:28

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0252	0.0300	84	80-120	
4-Bromofluorobenzene	0.0273	0.0300	91	80-120	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: L-5 to MF

Work Orders : 458453, **Project ID:** (1RP-2184)

Lab Batch #: 908102 **Sample:** 634524-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 03/02/13 01:36

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

Lab Batch #: 908204 **Sample:** 634606-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 03/04/13 09:35

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0292	0.0300	97	80-120	
4-Bromofluorobenzene	0.0302	0.0300	101	80-120	

Lab Batch #: 908636 **Sample:** 634866-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 03/08/13 15:06

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

Lab Batch #: 908102 **Sample:** 634524-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 03/02/13 00:47

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

Lab Batch #: 908204 **Sample:** 634606-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 03/04/13 09:02

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0323	0.0300	108	80-120	
4-Bromofluorobenzene	0.0324	0.0300	108	80-120	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: L-5 to MF

Work Orders : 458453, **Project ID:** (1RP-2184)

Lab Batch #: 908636 **Sample:** 634866-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 03/08/13 14:33

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

Lab Batch #: 908102 **Sample:** 634524-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 03/02/13 01:12

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

Lab Batch #: 908204 **Sample:** 634606-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 03/04/13 09:19

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0331	0.0300	110	80-120	
4-Bromofluorobenzene	0.0338	0.0300	113	80-120	

Lab Batch #: 908636 **Sample:** 634866-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 03/08/13 14:49

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0276	0.0300	92	80-120	
4-Bromofluorobenzene	0.0297	0.0300	99	80-120	

Lab Batch #: 908102 **Sample:** 458454-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/02/13 10:35

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

* 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: L-5 to MF

Work Orders : 458453, **Project ID:** (1RP-2184)

Lab Batch #: 908204 **Sample:** 458453-007 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/04/13 12:02

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0310	0.0300	103	80-120	
4-Bromofluorobenzene	0.0306	0.0300	102	80-120	

Lab Batch #: 908636 **Sample:** 458452-004 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/08/13 20:01

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

Lab Batch #: 908102 **Sample:** 458454-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/02/13 11:01

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

Lab Batch #: 908204 **Sample:** 458453-007 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/04/13 12:19

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0335	0.0300	112	80-120	
4-Bromofluorobenzene	0.0344	0.0300	115	80-120	

Lab Batch #: 908636 **Sample:** 458452-004 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 03/08/13 20:17

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

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

BS / BSD Recoveries

Project Name: L-5 to MF

Work Order #: 458453 **Project ID:** (1RP-2184)

Analyst: KEB **Date Prepared:** 03/04/2013 **Date Analyzed:** 03/04/2013

Lab Batch ID: 908204 **Sample:** 634606-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.0892	89	0.0996	0.0950	95	6	70-130	35	
Toluene	<0.00200	0.100	0.0864	86	0.0996	0.0937	94	8	70-130	35	
Ethylbenzene	<0.00100	0.100	0.0880	88	0.0996	0.0969	97	10	71-129	35	
m_p-Xylenes	<0.00200	0.200	0.170	85	0.199	0.190	95	11	70-135	35	
o-Xylene	<0.00100	0.100	0.0888	89	0.0996	0.0924	93	4	71-133	35	

Analyst: KEB **Date Prepared:** 03/08/2013 **Date Analyzed:** 03/08/2013

Lab Batch ID: 908636 **Sample:** 634866-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.0812	81	0.0998	0.0812	81	0	70-130	35	
Toluene	<0.00201	0.100	0.0807	81	0.0998	0.0801	80	1	70-130	35	
Ethylbenzene	<0.00100	0.100	0.0779	78	0.0998	0.0786	79	1	71-129	35	
m_p-Xylenes	<0.00201	0.201	0.151	75	0.200	0.147	74	3	70-135	35	
o-Xylene	<0.00100	0.100	0.0778	78	0.0998	0.0777	78	0	71-133	35	

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

BS / BSD Recoveries

Project Name: L-5 to MF

Work Order #: 458453 **Project ID:** (1RP-2184)

Analyst: AMB **Date Prepared:** 03/06/2013 **Date Analyzed:** 03/06/2013

Lab Batch ID: 908358 **Sample:** 908358-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	<2.00	50.0	51.7	103	50.0	51.4	103	1	80-120	20	

Analyst: AMB **Date Prepared:** 03/06/2013 **Date Analyzed:** 03/06/2013

Lab Batch ID: 908387 **Sample:** 908387-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	<2.00	50.0	51.6	103	50.0	51.7	103	0	80-120	20	

Analyst: KEB **Date Prepared:** 03/01/2013 **Date Analyzed:** 03/02/2013

Lab Batch ID: 908102 **Sample:** 634524-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	997	1010	101	999	996	100	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	997	1040	104	999	1040	104	0	70-135	35	

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

Form 3 - MS Recoveries

Project Name: L-5 to MF

Work Order #: 458453

Lab Batch #: 908358 **Project ID:** (1RP-2184)

Date Analyzed: 03/06/2013 **Date Prepared:** 03/06/2013 **Analyst:** AMB

QC- Sample ID: 458450-001 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	94.3	250	356	105	80-120	

Lab Batch #: 908358

Date Analyzed: 03/06/2013 **Date Prepared:** 03/06/2013 **Analyst:** AMB

QC- Sample ID: 458452-002 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	35.7	250	282	99	80-120	

Lab Batch #: 908387

Date Analyzed: 03/06/2013 **Date Prepared:** 03/06/2013 **Analyst:** AMB

QC- Sample ID: 458453-005 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	15.1	100	122	107	80-120	

Lab Batch #: 908387

Date Analyzed: 03/06/2013 **Date Prepared:** 03/06/2013 **Analyst:** AMB

QC- Sample ID: 458532-001 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	1990	1000	2880	89	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: L-5 to MF

Work Order # : 458453 **Project ID:** (1RP-2184)

Lab Batch ID: 908204 **QC- Sample ID:** 458453-007 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 03/04/2013 **Date Prepared:** 03/04/2013 **Analyst:** KEB

Reporting Units: mg/kg

BTEX by EPA 8021B 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
Benzene	<0.00107	0.107	0.0988	92	0.107	0.0921	86	7	70-130	35	
Toluene	<0.00214	0.107	0.0980	92	0.107	0.0912	85	7	70-130	35	
Ethylbenzene	<0.00107	0.107	0.0973	91	0.107	0.0849	79	14	71-129	35	
m_p-Xylenes	<0.00214	0.214	0.187	87	0.214	0.164	77	13	70-135	35	
o-Xylene	<0.00107	0.107	0.0939	88	0.107	0.0835	78	12	71-133	35	

Lab Batch ID: 908636 **QC- Sample ID:** 458452-004 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 03/08/2013 **Date Prepared:** 03/08/2013 **Analyst:** KEB

Reporting Units: mg/kg

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

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

Form 3 - MS / MSD Recoveries

Project Name: L-5 to MF

Work Order # : 458453 **Project ID:** (1RP-2184)

Lab Batch ID: 908102 **QC- Sample ID:** 458454-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 03/02/2013 **Date Prepared:** 03/01/2013 **Analyst:** KEB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.9	1060	1060	100	1060	1070	101	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	45.5	1060	1140	103	1060	1150	104	1	70-135	35	

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

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

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

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

Sample Duplicate Recovery

Project Name: L-5 to MF

Work Order #: 458453

Lab Batch #: 908071 **Project ID:** (1RP-2184)

Date Analyzed: 03/01/2013 13:45 **Date Prepared:** 03/01/2013 **Analyst:** WRU

QC- Sample ID: 458450-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	16.1	16.0	1	20	

Lab Batch #: 908175

Date Analyzed: 03/04/2013 13:00 **Date Prepared:** 03/04/2013 **Analyst:** WRU

QC- Sample ID: 458432-001 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	24.0	24.1	0	20	

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

BRL - Below Reporting Limit

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
Project Name: L-5 to MF
Company Name: Basin Environmental Service Technologies, LLC
Project #: (1RP-2184)
Company Address: P.O. Box 301
Project Loc: Lea County, NM
City/State/Zip: Lovington, NM 88260
PO #: Bill Southern Union Gas
Telephone No: (575)396-2378
Fax No: (575) 396-1429
Report Format: [X] Standard [ ] TRRP [ ] NPDES
Sampler Signature: Joel Lowry
e-mail: pm@basinenv.com, cyndi.inskeep@sug.com, rose.slade@sug.com

(lab use only) ORDER #: 458453

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 Othe	Analyze For: TCLP: TPH: 418.1 8015M	TOTAL: TPH: 8015B 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	Total Dissolved Solids	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT 4 DAY
01	MW-1 @ 5'	5		2/26/2013	930		1	X								Soil	X								X			X			X
02	MW-1 @ 10'	10		2/26/2013	940		1	X								Soil	X								X			X			X
03	MW-1 @ 15'	15		2/26/2013	950		1	X								Soil	X								X			X			X
04	MW-1 @ 20'	20		2/26/2013	1000		1	X								Soil	X								X			X			X
05	MW-1 @ 25'	25		2/26/2013	1010		1	X								Soil	X								X			X			X
06	MW-1 @ 30'	30		2/26/2013	1020		1	X								Soil	X								X			X			X
07	MW-1 @ 35'	35		2/26/2013	1030		1	X								Soil	X								X			X			X

Special Instructions: Hold For BTEX

Relinquished by:	Date	Time	Received by:	Date	Time
Joel Lowry	2-27-13	06:45		2-27-13	06:45
	Date	Time	Received by:	Date	Time
	2-27-13	10:10		2-27-13	10:20
Relinquished by:	Date	Time	Received by Xenco:	Date	Time
				2/28/13	13:16

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	NA
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		
Temperature Upon Receipt:	3.9 °C	

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Date/ Time Received: 02/27/2013 10:20:00 AM

Work Order #: 458453

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)?	1.5
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**Yes**
#5 Custody Seals intact on sample bottles?	**Yes**
#6 *Custody Seals Signed and dated?	**Yes**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**Yes**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**Yes**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**Yes**

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

Analyst:	PH Device/Lot#:

Checklist completed by: _____ Date: _____

Checklist reviewed by: _____ Date: _____

Analytical Report 463105

for

Southern Union Gas Services- Monahans

Project Manager: Joel Lowry

L-5 to MF

20-MAY-13

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

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

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

20-MAY-13

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

Reference: XENCO Report No(s): **463105**
L-5 to MF
Project Address: Lea County, NM

Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 463105. 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. 463105 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 463105

Southern Union Gas Services- Monahans, Monahans, TX

L-5 to MF

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1	W	05-09-13 12:00		463105-001

CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans

Project Name: L-5 to MF

Project ID:
Work Order Number(s): *463105*

Report Date: *20-MAY-13*
Date Received: *05/13/2013*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 463105

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: L-5 to MF

Project Id:
Contact: Joel Lowry
Project Location: Lea County, NM

Date Received in Lab: Mon May-13-13 02:50 pm
Report Date: 20-MAY-13
Project Manager: Kelsey Brooks

Analysis Requested							
	Lab Id:	463105-001					
	Field Id:	MW-1					
	Depth:						
	Matrix:	WATER					
	Sampled:	May-09-13 12:00					
BTEX by EPA 8021B	***Extracted:***	May-15-13 14:00					
	Analyzed:	May-16-13 03:50					
	Units/RL:	mg/L	RL				
Benzene		ND	0.00100				
Toluene		ND	0.00200				
Ethylbenzene		ND	0.00100				
m_p-Xylenes		ND	0.00200				
o-Xylene		ND	0.00100				
Total Xylenes		ND	0.00100				
Total BTEX		ND	0.00100				
Inorganic Anions by EPA 300/300.1	***Extracted:***	May-16-13 10:00					
	Analyzed:	May-17-13 00:17					
	Units/RL:	mg/L	RL				
Chloride		123	5.00				

Kelsey Brooks
Project Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

\+ NELAC certification not offered for this compound.

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

Form 2 - Surrogate Recoveries

Project Name: L-5 to MF

Work Orders : 463105, 463105 **Project ID:**

Lab Batch #: 913832 **Sample:** 463105-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 05/16/13 03:50

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
	SURROGATE RECOVERY STUDY				
1,4-Difluorobenzene	0.0282	0.0300	94	80-120	
4-Bromofluorobenzene	0.0295	0.0300	98	80-120	

Lab Batch #: 913832 **Sample:** 638135-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 05/15/13 23:44

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
	SURROGATE RECOVERY STUDY				
1,4-Difluorobenzene	0.0263	0.0300	88	80-120	
4-Bromofluorobenzene	0.0289	0.0300	96	80-120	

Lab Batch #: 913832 **Sample:** 638135-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 05/15/13 23:11

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
	SURROGATE RECOVERY STUDY				
1,4-Difluorobenzene	0.0335	0.0300	112	80-120	
4-Bromofluorobenzene	0.0311	0.0300	104	80-120	

Lab Batch #: 913832 **Sample:** 638135-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 05/16/13 09:45

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
	SURROGATE RECOVERY STUDY				
1,4-Difluorobenzene	0.0260	0.0300	87	80-120	
4-Bromofluorobenzene	0.0266	0.0300	89	80-120	

Lab Batch #: 913832 **Sample:** 462995-001 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 05/16/13 00:00

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
	SURROGATE RECOVERY STUDY				
1,4-Difluorobenzene	0.0250	0.0300	83	80-120	
4-Bromofluorobenzene	0.0336	0.0300	112	80-120	

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

Form 2 - Surrogate Recoveries

Project Name: L-5 to MF

Work Orders : 463105, 463105 **Project ID:**

Lab Batch #: 913832 **Sample:** 462995-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 05/16/13 00:16

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0282	0.0300	94	80-120	
4-Bromofluorobenzene	0.0254	0.0300	85	80-120	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

BS / BSD Recoveries

Project Name: L-5 to MF

Work Order #: 463105, 463105 **Project ID:**

Analyst: DYV **Date Prepared:** 05/15/2013 **Date Analyzed:** 05/15/2013

Lab Batch ID: 913832 **Sample:** 638135-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.102	102	0.100	0.0860	86	17	70-125	25	
Toluene	<0.00200	0.100	0.106	106	0.100	0.0962	96	10	70-125	25	
Ethylbenzene	<0.00100	0.100	0.106	106	0.100	0.110	110	4	71-129	25	
m_p-Xylenes	<0.00200	0.200	0.195	98	0.200	0.204	102	5	70-131	25	
o-Xylene	<0.00100	0.100	0.102	102	0.100	0.0981	98	4	71-133	25	

Analyst: AMB **Date Prepared:** 05/16/2013 **Date Analyzed:** 05/16/2013

Lab Batch ID: 914057 **Sample:** 638301-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

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	25.0	25.5	102	25.0	25.4	102	0	90-110	20	

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

Form 3 - MS Recoveries

Project Name: L-5 to MF

Work Order #: 463105
Lab Batch #: 914057
Project ID:
Date Analyzed: 05/17/2013
Date Prepared: 05/16/2013
Analyst: AMB
QC- Sample ID: 463105-001 S
Batch #: 1
Matrix: Water
Reporting Units: mg/L

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	123	125	243	96	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: L-5 to MF

Work Order # : 463105 **Project ID:**

Lab Batch ID: 913832 **QC- Sample ID:** 462995-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 05/16/2013 **Date Prepared:** 05/15/2013 **Analyst:** DYV

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.0899	90	0.100	0.0882	88	2	70-125	25	
Toluene	<0.00200	0.100	0.0897	90	0.100	0.0817	82	9	70-125	25	
Ethylbenzene	<0.00100	0.100	0.0992	99	0.100	0.0924	92	7	71-129	25	
m_p-Xylenes	<0.00200	0.200	0.185	93	0.200	0.168	84	10	70-131	25	
o-Xylene	<0.00100	0.100	0.0930	93	0.100	0.0893	89	4	71-133	25	

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

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

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

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable

N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

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

Project Name: L-5 to MF

Project #:

Project Loc: Lea County, NM

PO #: Bill Southern Union Gas

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

e-mail: pm@basinenv.com rose.slade@energytransfer.com, cyndi.inskeep@energytransfer.com

(lab use only)
ORDER #: 463105

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 Other	Analyze For: TCLP: TPH: 418.1 8015M	TOTAL: TPH: 8015B 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	Total Dissolved Solids	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT 4 DAY
	MW-1			5/9/2013	1200	1	4	X								Water									X			X			X

Special Instructions:

	Date	Time		Date	Time
Relinquished by: Joel Lowry	5/13/13	17:00	Received by: Wash Smith	5/13/13	2:00
Relinquished by: Wash Smith	5/13/13	1455	Received by: Perla Resendiz	5-13-13	2:50
Relinquished by:	Date	Time	Received by ELOT: Maunel Smith	5-14-13	15:20

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: 13.8 3.0 °C

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Date/ Time Received: 05/13/2013 02:50:00 PM

Work Order #: 463105

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

Temperature Measuring device used :

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

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

Analyst:	PH Device/Lot#:

Checklist completed by: Kelsey Brooks Date: 05/14/2013

Checklist reviewed by: Kelsey Brooks Date: 05/14/2013

Analytical Report 469766

for

Regency Gas

Project Manager: Joel Lowry

L-5 to MF Historical

09-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)

09-SEP-13

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

Reference: XENCO Report No(s): **469766**
L-5 to MF Historical
Project Address: Lea County, 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) 469766. 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. 469766 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 469766

Regency Gas, Monahans, TX

L-5 to MF Historical

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1	W	09-03-13 14:30		469766-001

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 469766

Regency Gas, Monahans, TX

Project Name: L-5 to MF Historical

Project Id:
Contact: Joel Lowry
Project Location: Lea County, New Mexico

Draft

Date Received in Lab: Wed Sep-04-13 08:52 am
Report Date: 09-SEP-13
Project Manager: Kelsey Brooks

Analysis Requested							
	Lab Id:	469766-001					
	Field Id:	MW-1					
	Depth:						
	Matrix:	WATER					
	Sampled:	Sep-03-13 14:30					
BTEX by SW 8260B SUB: TX104704215	***Extracted:***	Sep-07-13 14:38					
	Analyzed:	Sep-07-13 18:41					
	Units/RL:	mg/L RL					
Benzene		ND 0.00100					
Toluene		ND 0.00100					
Ethylbenzene		ND 0.00100					
m,p-Xylenes		ND 0.00200					
o-Xylene		ND 0.00100					
Total Xylenes		ND 0.00100					
Total BTEX		ND 0.00100					
Inorganic Anions by EPA 300/300.1 SUB: TX104704215	***Extracted:***	Sep-06-13 12:00					
	Analyzed:	Sep-07-13 03:57					
	Units/RL:	mg/L RL					
Chloride		96.4 10.0					

Kelsey Brooks
Project Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantiation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

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

Form 2 - Surrogate Recoveries

Project Name: L-5 to MF Historical

Work Orders : 469766,

Project ID:

Lab Batch #: 922281 **Sample:** 469766-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 09/07/13 18:41

SURROGATE RECOVERY STUDY

BTEX by SW 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0523	0.0500	105	75-131	
1,2-Dichloroethane-D4	0.0523	0.0500	105	63-144	
Toluene-D8	0.0522	0.0500	104	80-117	
4-Bromofluorobenzene	0.0483	0.0500	97	74-124	

Lab Batch #: 922281 **Sample:** 643565-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 09/07/13 14:50

SURROGATE RECOVERY STUDY

BTEX by SW 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0475	0.0500	95	75-131	
1,2-Dichloroethane-D4	0.0503	0.0500	101	63-144	
Toluene-D8	0.0493	0.0500	99	80-117	
4-Bromofluorobenzene	0.0521	0.0500	104	74-124	

Lab Batch #: 922281 **Sample:** 643565-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 09/07/13 13:58

SURROGATE RECOVERY STUDY

BTEX by SW 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0516	0.0500	103	75-131	
1,2-Dichloroethane-D4	0.0521	0.0500	104	63-144	
Toluene-D8	0.0499	0.0500	100	80-117	
4-Bromofluorobenzene	0.0508	0.0500	102	74-124	

Lab Batch #: 922281 **Sample:** 469599-001 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 09/07/13 15:43

SURROGATE RECOVERY STUDY

BTEX by SW 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0482	0.0500	96	75-131	
1,2-Dichloroethane-D4	0.0485	0.0500	97	63-144	
Toluene-D8	0.0514	0.0500	103	80-117	
4-Bromofluorobenzene	0.0509	0.0500	102	74-124	

* 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: L-5 to MF Historical

Work Orders : 469766,

Project ID:

Lab Batch #: 922281 **Sample:** 469599-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 09/07/13 16:09

SURROGATE RECOVERY STUDY

BTEX by SW 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Dibromofluoromethane	0.0508	0.0500	102	75-131	
1,2-Dichloroethane-D4	0.0510	0.0500	102	63-144	
Toluene-D8	0.0514	0.0500	103	80-117	
4-Bromofluorobenzene	0.0493	0.0500	99	74-124	

* 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.

Blank Spike Recovery

Project Name: L-5 to MF Historical

Work Order #: 469766 **Project ID:**

Lab Batch #: 922281 **Sample:** 643565-1-BKS **Matrix:** Water

Date Analyzed: 09/07/2013 **Date Prepared:** 09/07/2013 **Analyst:** SAD

Reporting Units: mg/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

BTEX by SW 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Benzene	<0.00100	0.100	0.0944	94	66-142	
Toluene	<0.00100	0.100	0.0933	93	59-139	
Ethylbenzene	<0.00100	0.100	0.101	101	75-125	
m,p-Xylenes	<0.00200	0.200	0.204	102	75-125	
o-Xylene	<0.00100	0.100	0.0969	97	75-125	

Lab Batch #: 922267 **Sample:** 643517-1-BKS **Matrix:** Water

Date Analyzed: 09/06/2013 **Date Prepared:** 09/06/2013 **Analyst:** RKO

Reporting Units: mg/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	<1.00	100	96.4	96	90-110	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

Form 3 - MS / MSD Recoveries

Project Name: L-5 to MF Historical

Work Order # : 469766 **Project ID:**

Lab Batch ID: 922281 **QC- Sample ID:** 469599-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 09/07/2013 **Date Prepared:** 09/07/2013 **Analyst:** SAD

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by SW 8260B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.0930	93	0.100	0.101	101	8	66-142	20	
Toluene	<0.00100	0.100	0.0892	89	0.100	0.0989	99	10	59-139	20	
Ethylbenzene	<0.00100	0.100	0.0977	98	0.100	0.108	108	10	75-125	20	
m,p-Xylenes	<0.00200	0.200	0.199	100	0.200	0.215	108	8	75-125	20	
o-Xylene	<0.00100	0.100	0.0969	97	0.100	0.110	110	13	75-125	20	

Lab Batch ID: 922267 **QC- Sample ID:** 469750-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 09/06/2013 **Date Prepared:** 09/06/2013 **Analyst:** RKO

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	101	1000	1070	97	1000	1080	98	1	80-120	20	

Lab Batch ID: 922267 **QC- Sample ID:** 469763-003 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 09/07/2013 **Date Prepared:** 09/06/2013 **Analyst:** RKO

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	191	1000	1190	100	1000	1190	100	0	80-120	20	

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

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

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

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable

N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

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, cyndi.inskeep@regencygas.com, phillip.little@sug.com

Project Name: L-5 to MF Historical

Project #:

Project Loc: Lea County, NM

PO #: Bill Southern Union Gas

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

(lab use only)

ORDER #: 469766

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 Other	Analyze For: TCLP:	TOTAL:	TPH: 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	CHLORIDES	Total Dissolved Solids	HOLD	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT 4 DAY
	MW-1			9/3/2013	230		4	X		X						GW											X			X				X

Special Instructions:

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: 12.2 °C

	Date	Time		Date	Time
Relinquished by: Joel Lowry	9/4/13	6:55	Received by:	9-4-13	6:55
Relinquished by:	9/4/13	8:50	Received by:	9/4/13	850
Relinquished by:	Date	Time	Received by ELOT:	9-5-13	1000

Draft 1.000

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Regency Gas

Date/ Time Received: 09/04/2013 08:52:00 AM

Work Order #: 469766

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)?	12.2
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**Yes**
#5 Custody Seals intact on sample bottles?	**Yes**
#6 *Custody Seals Signed and dated?	**Yes**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**Yes**
#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?	**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: 09/05/2013
Candace James

Checklist reviewed by: Kelsey Brooks Date: 09/05/2013
Kelsey Brooks

Analytical Report 477213

for

Regency Gas

Project Manager: Rachel Johnson

L-5 to MF

15-JAN-14

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-13-15-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)

15-JAN-14

Project Manager: **Rachel Johnson**
Regency Gas
801 South Loop 464
Monahans, TX 79756

Reference: XENCO Report No(s): **477213**
L-5 to MF
Project Address: NM

Rachel Johnson:

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) 477213. 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. 477213 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

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

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

Sample Cross Reference 477213

Regency Gas, Monahans, TX

L-5 to MF

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1	W	01-09-14 10:48		477213-001
MW-1	W	01-09-14 10:49		477213-002

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 477213

Regency Gas, Monahans, TX

Project Name: L-5 to MF

Project Id:
Contact: Rachel Johnson
Project Location: NM

Date Received in Lab: Thu Jan-09-14 03:20 pm
Report Date: 15-JAN-14
Project Manager: Kelsey Brooks

Analysis Requested							
	Lab Id:	477213-001	477213-002				
	Field Id:	MW-1	MW-1				
	Depth:						
	Matrix:	WATER	WATER				
	Sampled:	Jan-09-14 10:48	Jan-09-14 10:49				
BTEX by EPA 8021B	***Extracted:***	Jan-13-14 11:00					
	Analyzed:	Jan-13-14 17:13					
	Units/RL:	mg/L RL					
Benzene		0.0258 0.00100					
Toluene		ND 0.00200					
Ethylbenzene		0.00344 0.00100					
m_p-Xylenes		0.00444 0.00200					
o-Xylene		ND 0.00100					
Total Xylenes		0.00444 0.00100					
Total BTEX		0.0337 0.00100					
Inorganic Anions by EPA 300/300.1	***Extracted:***		Jan-13-14 16:02				
	Analyzed:		Jan-13-14 16:02				
	Units/RL:		mg/L RL				
Chloride			103 5.00				
TPH By SW8015 Mod SUB: TX104704215	***Extracted:***	Jan-13-14 10:56					
	Analyzed:	Jan-13-14 13:18					
	Units/RL:	mg/L RL					
C6-C12 Gasoline Range Hydrocarbons		ND 1.37					
C12-C28 Diesel Range Hydrocarbons		ND 1.37					
C28-C35 Oil Range Hydrocarbons		ND 1.37					
Total TPH		ND 1.37					

Kelsey Brooks
Project Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

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

Form 2 - Surrogate Recoveries

Project Name: L-5 to MF

Work Orders : 477213,

Project ID:

Lab Batch #: 931858 **Sample:** 477213-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/13/14 13:18

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	7.57	9.14	83	70-135	
o-Terphenyl	5.21	4.57	114	70-135	

Lab Batch #: 931889 **Sample:** 477213-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/13/14 17:13

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0255	0.0300	85	80-120	
4-Bromofluorobenzene	0.0284	0.0300	95	80-120	

Lab Batch #: 931858 **Sample:** 649637-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/13/14 12:08

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	8.09	10.0	81	70-135	
o-Terphenyl	5.56	5.00	111	70-135	

Lab Batch #: 931889 **Sample:** 649640-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/13/14 16:57

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0256	0.0300	85	80-120	
4-Bromofluorobenzene	0.0257	0.0300	86	80-120	

Lab Batch #: 931858 **Sample:** 649637-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/13/14 12:33

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	9.39	10.0	94	70-135	
o-Terphenyl	5.03	5.00	101	70-135	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: L-5 to MF

Work Orders : 477213,

Project ID:

Lab Batch #: 931889 **Sample:** 649640-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/13/14 15:37

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0299	0.0300	100	80-120	
4-Bromofluorobenzene	0.0303	0.0300	101	80-120	

Lab Batch #: 931858 **Sample:** 649637-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/13/14 12:56

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	9.58	10.0	96	70-135	
o-Terphenyl	4.95	5.00	99	70-135	

Lab Batch #: 931889 **Sample:** 477213-001 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/13/14 16:09

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0292	0.0300	97	80-120	
4-Bromofluorobenzene	0.0294	0.0300	98	80-120	

Lab Batch #: 931889 **Sample:** 477213-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/13/14 16:25

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0296	0.0300	99	80-120	
4-Bromofluorobenzene	0.0289	0.0300	96	80-120	

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

Blank Spike Recovery

Project Name: L-5 to MF

Work Order #: 477213 **Project ID:**

Lab Batch #: 931889 **Sample:** 649640-1-BKS **Matrix:** Water

Date Analyzed: 01/13/2014 **Date Prepared:** 01/13/2014 **Analyst:** JUM

Reporting Units: mg/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Benzene	<0.00100	0.100	0.0905	91	70-125	
Toluene	<0.00200	0.100	0.0882	88	70-125	
Ethylbenzene	<0.00100	0.100	0.0910	91	71-129	
m_p-Xylenes	<0.00200	0.200	0.188	94	70-131	
o-Xylene	<0.00100	0.100	0.0948	95	71-133	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

BS / BSD Recoveries

Project Name: L-5 to MF

Work Order #: 477213 **Project ID:**

Analyst: AMB **Date Prepared:** 01/13/2014 **Date Analyzed:** 01/13/2014

Lab Batch ID: 931977 **Sample:** 649635-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

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	25.0	22.9	92	25.0	23.1	92	1	90-110	20	

Analyst: FOV **Date Prepared:** 01/13/2014 **Date Analyzed:** 01/13/2014

Lab Batch ID: 931858 **Sample:** 649637-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

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	<1.50	100	108	108	100	119	119	10	70-135	25	
C12-C28 Diesel Range Hydrocarbons	<1.50	100	83.4	83	100	88.9	89	6	70-135	25	

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: L-5 to MF

Work Order #: 477213

Lab Batch #: 931977 **Project ID:**

Date Analyzed: 01/13/2014 **Date Prepared:** 01/13/2014 **Analyst:** AMB

QC- Sample ID: 477208-001 S **Batch #:** 1 **Matrix:** Water

Reporting Units: mg/L

	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	60.6	125	183	98	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: L-5 to MF

Work Order # : 477213 **Project ID:**

Lab Batch ID: 931889 **QC- Sample ID:** 477213-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 01/13/2014 **Date Prepared:** 01/13/2014 **Analyst:** JUM

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	0.0258	0.100	0.112	86	0.100	0.115	89	3	70-125	25	
Toluene	<0.00200	0.100	0.0912	91	0.100	0.0925	93	1	70-125	25	
Ethylbenzene	0.00344	0.100	0.0989	95	0.100	0.0998	96	1	71-129	25	
m_p-Xylenes	0.00444	0.200	0.201	98	0.200	0.203	99	1	70-131	25	
o-Xylene	<0.00100	0.100	0.0991	99	0.100	0.0997	100	1	71-133	25	

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

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

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(575) 394-3481 FAX: (575) 394-2601

Chain of Custody Form

LAB Xenco

Company Name	Environmental Plus, Inc.
EPI Project Manager	Daniel Dominguez
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	575-394-3481 / 575-394-2601
Client Company	Regency
Facility Name	L-5 to MF
Location	
Project Reference	
EPI Sampler Name	Kirby Bingham

Bill To

Attn: Rachel Johnson
rachel.johnson@regencygas.com

LAB I.D.		SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^=$)	pH	TCLP	OTHER >>>	PAH
477213	1	MW-1	G	4	X						X	X		09-Jan-14	10:48	X	X						
↓	2	MW-1	G	1	X							X		09-Jan-14	10:49			X					
	3																						
	4																						
	5																						
	6																						
	7																						
	8																						
	9																						
	10																						

Sampler Relinquished: K Bingham	Date 1-9-14 Time 3:20	Received By: Perla Resendiz	E-mail results to: ddominguezepi@gmail.com & rachel.johnson@regencygas.com
Relinquished by: K Bingham	Date 1/10/14 Time 5:48	Received By: (lab staff)	NOTES:
Delivered by: K Bingham	7.3 Sample Cool & Intact (Yes) No	Checked By:	

Final 1.000

Page 13 of 14

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Regency Gas

Date/ Time Received: 01/09/2014 03:20:00 PM

Work Order #: 477213

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)?	7.3
#2 *Shipping container in good condition?	**N/A**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6 *Custody Seals Signed and dated?	**N/A**
#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?	**N/A**

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

Analyst:	PH Device/Lot#:

Checklist completed by: Kelsey Brooks Date: 01/10/2014

Checklist reviewed by: Kelsey Brooks Date: 01/10/2014

Analytical Report 480359

for

Regency Gas

Project Manager: Joel Lowry

L5 to MF Historical SUG 0009

06-MAR-14

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-14-16-TX), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
New Jersey (TX007), North Carolina(681), Oklahoma (9218), Pennsylvania (68-03610)

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-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)

06-MAR-14

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

Reference: XENCO Report No(s): **480359**
L5 to MF Historical SUG 0009
Project Address: Lea County, NM

Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 480359. 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. 480359 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

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

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

Sample Cross Reference 480359

Regency Gas, Monahans, TX

L5 to MF Historical SUG 0009

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1	W	02-28-14 11:00		480359-001

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 480359

Regency Gas, Monahans, TX

Project Name: L5 to MF Historical SUG 0009

Project Id:
Contact: Joel Lowry
Project Location: Lea County, NM

Date Received in Lab: Fri Feb-28-14 03:40 pm
Report Date: 06-MAR-14
Project Manager: Kelsey Brooks

Analysis Requested							
	Lab Id:	480359-001					
	Field Id:	MW-1					
	Depth:						
	Matrix:	WATER					
	Sampled:	Feb-28-14 11:00					
BTEX by EPA 8021B	***Extracted:***	Mar-03-14 15:00					
	Analyzed:	Mar-04-14 13:49					
	Units/RL:	mg/L RL					
Benzene		ND 0.00100					
Toluene		ND 0.00200					
Ethylbenzene		ND 0.00100					
m,p-Xylenes		ND 0.00200					
o-Xylene		ND 0.00100					
Total Xylenes		ND 0.00100					
Total BTEX		ND 0.00100					
Inorganic Anions by EPA 300/300.1	***Extracted:***	Mar-04-14 02:19					
	Analyzed:	Mar-04-14 02:19					
	Units/RL:	mg/L RL					
Chloride		117 10.0					

Kelsey Brooks
Project Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

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

Form 2 - Surrogate Recoveries

Project Name: L5 to MF Historical SUG 0009

Work Orders : 480359,

Project ID:

Lab Batch #: 935419 **Sample:** 480359-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/04/14 13:49

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0274	0.0300	91	80-120	
4-Bromofluorobenzene	0.0268	0.0300	89	80-120	

Lab Batch #: 935419 **Sample:** 651907-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/04/14 08:44

SURROGATE RECOVERY STUDY

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

Lab Batch #: 935419 **Sample:** 651907-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/04/14 09:00

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0308	0.0300	103	80-120	
4-Bromofluorobenzene	0.0321	0.0300	107	80-120	

Lab Batch #: 935419 **Sample:** 651907-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/04/14 09:16

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0301	0.0300	100	80-120	
4-Bromofluorobenzene	0.0317	0.0300	106	80-120	

Lab Batch #: 935419 **Sample:** 480361-002 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/04/14 09:32

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0301	0.0300	100	80-120	
4-Bromofluorobenzene	0.0320	0.0300	107	80-120	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: L5 to MF Historical SUG 0009

Work Orders : 480359,

Project ID:

Lab Batch #: 935419 **Sample:** 480361-002 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/04/14 09:48

SURROGATE RECOVERY STUDY

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

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

BS / BSD Recoveries

Project Name: L5 to MF Historical SUG 0009

Work Order #: 480359 **Project ID:**

Analyst: ARM **Date Prepared:** 03/03/2014 **Date Analyzed:** 03/04/2014

Lab Batch ID: 935419 **Sample:** 651907-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.103	103	0.100	0.0987	99	4	70-125	25	
Toluene	<0.00200	0.100	0.101	101	0.100	0.0971	97	4	70-125	25	
Ethylbenzene	<0.00100	0.100	0.106	106	0.100	0.102	102	4	71-129	25	
m,p-Xylenes	<0.00200	0.200	0.218	109	0.200	0.212	106	3	70-131	25	
o-Xylene	<0.00100	0.100	0.111	111	0.100	0.108	108	3	71-133	25	

Analyst: AMB **Date Prepared:** 03/03/2014 **Date Analyzed:** 03/03/2014

Lab Batch ID: 935550 **Sample:** 651848-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

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	25.0	26.3	105	25.0	25.7	103	2	80-120	20	

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

Form 3 - MS Recoveries

Project Name: L5 to MF Historical SUG 0009

Work Order #: 480359

Lab Batch #: 935550 **Project ID:**

Date Analyzed: 03/03/2014 **Date Prepared:** 03/03/2014 **Analyst:** AMB

QC- Sample ID: 480355-001 S **Batch #:** 1 **Matrix:** Water

Reporting Units: mg/L

Inorganic Anions by EPA 300	MATRIX / MATRIX SPIKE RECOVERY STUDY					
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	1350	1250	2830	118	80-120	

Lab Batch #: 935550

Date Analyzed: 03/03/2014 **Date Prepared:** 03/03/2014 **Analyst:** AMB

QC- Sample ID: 480358-001 S **Batch #:** 1 **Matrix:** Water

Reporting Units: mg/L

Inorganic Anions by EPA 300	MATRIX / MATRIX SPIKE RECOVERY STUDY					
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	1220	1250	2700	118	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: L5 to MF Historical SUG 0009

Work Order # : 480359 **Project ID:**

Lab Batch ID: 935419 **QC- Sample ID:** 480361-002 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 03/04/2014 **Date Prepared:** 03/03/2014 **Analyst:** ARM

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.0938	94	0.100	0.0963	96	3	70-125	25	
Toluene	<0.00200	0.100	0.0925	93	0.100	0.0945	95	2	70-125	25	
Ethylbenzene	<0.00100	0.100	0.0976	98	0.100	0.0995	100	2	71-129	25	
m,p-Xylenes	<0.00200	0.200	0.202	101	0.200	0.206	103	2	70-131	25	
o-Xylene	<0.00100	0.100	0.102	102	0.100	0.105	105	3	71-133	25	

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

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

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

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable

N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

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:

e-mail: R. Johnson, C. Callaway, J. Lowry

Project Name: LS to MF Historical

Project #: SUG 0009

Project Loc: Lea County, NM

PO #: Regancy

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

(lab use only)
ORDER #: 480359

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 Other	Analyze For: TPH: 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se (TCLP)	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260 (TOTAL: X)	RCI	N.O.R.M.	CHLORIDES			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT 4 DAY
	MW-1			2-28-14	11:00		4	X	X							GW								X			X				X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
	2-28-14	3:38		2/28/14	3:40
Relinquished by:	Date	Time	Received by:	Date	Time
			Julian Martinez	3-1-14	3:15
Relinquished by:	Date	Time	Received by ELOT:	Date	Time

Laboratory Comments:

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

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 3 °C

Final 1.000

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Regency Gas

Date/ Time Received: 02/28/2014 03:40:00 PM

Work Order #: 480359

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

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	4
#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)?	**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: Ruriko Konuma Date: 03/03/2014

Checklist reviewed by: Kelsey Brooks Date: 03/03/2014

APPENDIX D

Manifests

S.W.G.S.
MF-16" X L-5
2009-008
3-23-09

4-Loads To CELL #6

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $

TRUCKER G.L. CARVER 12 YD. DUMP TRUCK #1107 DATE 3-23-09

ADDRESS

COMPANY S.W.G.S.

PIT OWNER Land Farm TOTAL TON 48 RATE TOTAL

ADDRESS DATE PD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
X	X	X	X																												4	

S.W.G.S.
MF-16" X L-5
2009-008
3-23-09

4-Loads To CELL #6

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $

TRUCKER L. Combs 12 YD. DUMP TRUCK #1108 DATE 3-23-09

ADDRESS

COMPANY S.W.G.S.

PIT OWNER Land Farm TOTAL TON 48 RATE TOTAL

ADDRESS DATE PD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
X	X	X	X																												4	

S.W.G.S.
MF X L-5 CROSS-OVER
2009-008
3-24-09

7 - Loads To CELL #6

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 $ PER HOUR $

TRUCKER L. Combs 12YD DUMP TRUCK #1108 DATE 3-24-09

ADDRESS

COMPANY S.W.G.S.

PIT OWNER Land FARM TOTAL YDS 84 RATE TOTAL

ADDRESS DATE PAID CK NO

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS TOTAL
X	X	X	X	X	X	X																									7

S.W.G.S.
MF X L-5 X-OVER
2009-008
3-24-09

oads To CELL #6

TILLO ENVIRONMENTAL, LLC

$ PER HO

12YD DUMP TRUCK #

TOTAL YDS 84 R

DATE PAID

13 14 15 16 17 18 19 20 21 22 23 24 25 26

S.W.G.S.
M-F X L-5 X-OVER
2009-008
3-25-09

6 - Loads To CELL #6

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $

TRUCKER C.L. CARVER 12YD DUMP TRUCK #1107 DATE 3-25-09

ADDRESS

COMPANY S.W.G.S.

PIT OWNER LAND FARM TOTAL YDS 72 RATE TOTAL

ADDRESS DATE PAID CK NO

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS TOTAL
X	Y	X	Y	X	X																										6

S.H.G.S.
M-F X L-5, X-OVER
2009-008
3-25-09

6-LOADS TO CELL #6

PETROTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER L. Combs 12YD DUMP TRUCK # 1108 DATE 3-25-09

ADDRESS _____

COMPANY S.H.G.S.

PIT OWNER LAND FARM TOTAL YDS 72 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
	X	V	X	X	X	X																										6	

S.H.G.S.
MF X L-5, X-OVER
2009-008
3-26-09

6-LOADS TO CELL #6

PETROTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER L. Combs 12YD DUMP TRUCK # 1108 DATE 3-26-09

ADDRESS _____

COMPANY S.H.G.S.

PIT OWNER LAND FARM TOTAL YDS 72 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
	X	Y	X	X	X	X																										6	

S.W.G.S.
M-F X L-5, X-OVER
2009-008
3-26-09

6-Loads To CELL #6

PICOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER C.L. CARVER 12YD DUMP TRUCK # 1107 DATE 3-26-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER LAND FARM TOTAL YDS 72 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
XXXXXX		6	

S.W.G.S.
M-F X L-5, X-OVER
2009-008
3-27-09

5-Loads To CELL #6

PICOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 9 PER HOUR $ _____

TRUCKER L. Combs 12YD DUMP TRUCK # 1108 DATE 3-27-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER LAND FARM TOTAL YDS 60 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
XXXXX		5	

S.W.G.S.
M-F X L-5, X-OVER
2009-008
3-27-09

5-LOADS TO CELL #6

DOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 9 PER HOUR $ _____

TRUCKER C.L. CARVER 12YD DUMP TRUCK # 1107 DATE 3-27-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER LAND FARM TOTAL YDS 60 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
	XXXXX		5	

S.W.G.S.
MF X L-5 X-OVER
2009-008
3-30-09

6-LOADS TO CELL #6

DOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER L-Combs 12YD DUMP TRUCK # 1108 DATE 3-30-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER LAND FARM TOTAL YDS 72 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
009-008	XXX		3	
009-008-A	XXX		3	

S.U.G.S.
M.F.X.L.-5, +-OVER
2009-008
4-9-09

4-LOADS TO CELL #9

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 9 PER HOUR $

TRUCKER C.L. CARVER 12YD DUMP TRUCK # 1107 DATE 4-9-09

ADDRESS

COMPANY SUGS

PIT OWNER LAND FARM TOTAL YDS 48 RATE TOTAL

ADDRESS DATE PAID CK NO

[illegible] 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
XXXX		4	

S.U.G.S.
M.F.X.L.-5, +-OVER
2009-008-A
3-31-09

6-LOADS TO CELL #6

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $

TRUCKER C.L. CARVER 12YD DUMP TRUCK # 1107 DATE 3-31-09

ADDRESS

COMPANY S.U.G.S.

PIT OWNER LAND FARM TOTAL YDS 72 RATE TOTAL

ADDRESS DATE PAID CK NO

[illegible] 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
XXXXXX		6	

S.W.G.S.
M-F XL-5, +-over
2009-008-A
3-31-09
6- Loads To CELL #6

DeOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER L. Combs 12YD DUMP TRUCK # 1108 DATE 3-31-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER Land Farm TOTAL YDS 72 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
XXXXXX		6	

S.W.G.S.
M-F XL-5, +-over.
2009-008
4-1-09
4- Loads To CELL #6

DeOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 5 PER HOUR $ _____

TRUCKER L. Combs 12YD DUMP TRUCK # 1108 DATE 4-1-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER Land Farm TOTAL YDS 48 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
XXXX		4	

S.U.G.S
M-F X L-5, +-over
2009-008
4-1-09
4-Loads To cell #6

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 5 PER HOUR $

TRUCKER C.L. CARVER 12YD DUMP TRUCK # 1107 DATE 4-1-09

ADDRESS

COMPANY S.U.G.S.

PIT OWNER Land Farm TOTAL YDS 48 RATE TOTAL

ADDRESS DATE PAID CK NO

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
XXXX		4	

S.U.G.S.
M-F X L-5, +-over
2009-008
4-2-09
6-Loads To cell #6

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $

TRUCKER CL. CARVER 12YD DUMP TRUCK # 1107 DATE 4-2-09

ADDRESS

COMPANY S.U.G.S.

PIT OWNER Land Farm TOTAL YDS 72 RATE TOTAL

ADDRESS DATE PAID CK NO

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
XXXXXX		6	

S.W.G.S.
M-F X L-5, +-OVER
2009-008
4-2-09

6-LOADS TO CELL #6

DCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER L. Combs 12YD DUMP TRUCK # 1108 DATE 4-2-09

ADDRESS _____

COMPANY S.W.G.S

PIT OWNER LAND FARM TOTAL YDS 72 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 RATE LOADS TOTAL

XXXXXX 6

S.W.G.S.
M-F X L-5, +-OVER
2009-008
4-3-09

5-LOADS TO CELL #6

DCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER C.L. CARVER 12YD DUMP TRUCK # 1107 DATE 4-3-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER LAND FARM TOTAL YDS 60 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 RATE LOADS TOTAL

XXXXX 5

S.U. G. S
M-F X L-5, +-OVER
2009-008
4-3-09

5-LOADS TO CELL #6

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $

TRUCKER L. Combs 12YD DUMP TRUCK # 1108 DATE 4-3-09

ADDRESS

COMPANY S.U. G. S.

PIT OWNER LAND FARM TOTAL YDS 60 RATE TOTAL

ADDRESS DATE PAID CK NO

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
XXXXX		5	

S.U. G. S.
M-F X L-5, +-OVER
2009-008
4-6-09

6-LOADS TO CELL #8

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $

TRUCKER C.L. CARVER 12YD DUMP TRUCK # 1108 DATE 4-6-09

ADDRESS

COMPANY S.U. G. S.

PIT OWNER LAND FARM TOTAL YDS 72 RATE TOTAL

ADDRESS DATE PAID CK NO

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
XXXXXX		6	

S.W.G.S.
M-F X L-5, +-OVER
2009-008
4-9-09
4-LOADS TO CELL #1

SCOTTILO ENVIRONMENTAL, LLC

HOURS WORKED 9 PER HOUR $ _____

TRUCKER Ed. Dixon 12YD DUMP TRUCK # 1108 DATE 4-9-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER LAND FARM TOTAL YDS 48 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
XXXX																																4	

S.W.G.S.
M-F X L-5, +-OVER
2009-008
4-8-09
10-LOADS CLEAN SOIL FROM DECK PIT
3-LOADS TO CELL #9

SCOTTILO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER C.L. CRAVER 12YD DUMP TRUCK # 1107 DATE 4-8-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER DECK ESTATE TOTAL YDS 120 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
CLEAN XV V X Y X Y X Y X X																																10	120 yds
OMTAM. XX X																																3	36 yds. TO CELL #9

S.W.G.S.
MF XL-5, T-OVER
2009-008
4-8-09
11-LOADS CLEAN SOIL FROM DECK PIT
2-LOADS TO CELL #1

MOTHEO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER Ed. DIXON 12YD DUMP TRUCK # 1108 DATE 4-8-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER DECK ESTATE TOTAL YDS 132 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
CLEAN	X	XX	XX	XX	X	X	X	X																								11	132 yds
CONTAM.	XX																															2	24 yds TO CELL #1

S.W.G.S.
MF XL-5, T-OVER
2009-008
4-13-09
6-LOADS TO CELL #8

MOTHEO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER C.L. CARVER 12YD DUMP TRUCK # 1107 DATE 4-13-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER LAND FARM TOTAL YDS 72 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
	X	XX	XX	X																												6	

S.U.G.S.
M-F X L-5, +-OVER
2009-008
4-14-09

6- LOADS TO CELL #1

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $

TRUCKER Ed Dixon 12YD DUMP TRUCK # 1108 DATE 4-14-09

ADDRESS

COMPANY S.U.G.S.

PIT OWNER LAND FARM TOTAL YDS 72 RATE TOTAL

ADDRESS DATE PAID CK NO

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 RATE LOADS TOTAL

XXXXXX 6

S.U.G.S.
M-F X L-5, +-OVER
2009-008
4-14-09

6- LOADS TO CELL #1

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $

TRUCKER C.L. CARVER 12YD DUMP TRUCK # 1107 DATE 4-14-09

ADDRESS

COMPANY S.U.G.S.

PIT OWNER LAND FARM TOTAL YDS 72 RATE TOTAL

ADDRESS DATE PAID CK NO

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 RATE LOADS TOTAL

XXXXXX 6

S.U.G.S.
M-F X L-S, + -OVER
2009-008
4-15-09

6-Loads To CELL #9

...OTTILE ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER C.L. CARVER 12YD DUMP TRUCK # 1107 DATE 4-15-09

ADDRESS _____

COMPANY S.U.G.S.

PIT OWNER LAND FARM TOTAL YDS 72 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
	X	X	X	X	X	X																										6	

S.U.G.S.
M-F X L-S, + -OVER
2009-008
4-15-09

6-Loads To CELL #8

...OTTILE ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER E. DIXON 12YD DUMP TRUCK # 1108 DATE 4-15-09

ADDRESS _____

COMPANY S.U.G.S.

PIT OWNER LAND FARM TOTAL YDS 72 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
	X	X	X	X	X	X																										6	

S.W.G.S.
MF-XL-5, T-OVER
2009-008
4-16-09
2-LOADS TO CELL #9

MOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 3 PER HOUR $ _____

TRUCKER CL. CARVER 12YD DUMP TRUCK # 1107 DATE 4-16-09

ADDRESS _____

COMPANY S.W.G.S

PIT OWNER LAND FARM TOTAL YDS 36 RATE _____ TOTAL _____

ADDRESS _____ DATE PAID _____ CK NO _____

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
	X	X	X																													3	

S.W.G.S
M-F XL-5 T-OVER
2009-008
4-16-09
1-LOAD TO CELL #9

MOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 2 PER HOUR $ _____

TRUCKER G.J. CARVER 12YD DUMP TRUCK # 1108 DATE 4-16-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER LAND FARM TOTAL YDS 24 RATE _____ TOTAL _____

ADDRESS _____ DATE PAID _____ CK NO _____

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
	X																															1	

S.W.G.S.
M-F X L-5, +-OVER
2009-008
4-17-09
5-LOADS TO CELL #9

OKOTILO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER L. Combs 12YD DUMP TRUCK # 1108 DATE 4-17-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER Land Farm TOTAL YDS 60 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS TOTAL
	X	X	X	X	X																											5

S.W.G.S.
M-F X L-5, +-OVER
2009-008
4-17-09
5-LOADS TO CELL #9

OKOTILO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER G.L. CARVER 12YD DUMP TRUCK # 1107 DATE 4-17-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER Land Farm TOTAL YDS 60 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS TOTAL
	X	X	X	X	X																											5

S.U.G.S.
M-F X L-5, +-OVER
2009-068
4-20-09

5-Loads To CELL #9

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER L. Combs 12YD DUMP TRUCK # 1108 DATE 4-20-09

ADDRESS _____

COMPANY S.U.G.S

PIT OWNER LAND FARM TOTAL YDS 60 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
XXXXX		5	

S.U.G.S.
M-F X L-5, +-OVER
2009-068
4-20-09

6-Loads To CELL #9

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER CL. CARVER 12YD DUMP TRUCK # 1107 DATE 4-20-09

ADDRESS _____

COMPANY S.U.G.S.

PIT OWNER LAND FARM TOTAL YDS 72 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
XXXXXX		6	

S.W.G.S.
M-F x L-5, T-OVER
2009-008
4-21-09
5-Loads To CELL #9

MOBILE ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER L. Combs 12YD DUMP TRUCK # 1108 DATE 4-21-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER Land FARM TOTAL YDS 60 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

																																	LOADS TOTAL
XXXXX																																	5

S.W.G.S.
M-F x L-5, T-OVER
2009-008
4-21-09
5-Loads To CELL #1

MOBILE ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER C.L. CARVER 12YD DUMP TRUCK # 1107 DATE 4-21-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER Land FARM TOTAL YDS 60 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

																																	LOADS TOTAL
XXXXX																																	5

S.U.G.S.
M.F X L-5, + - OVER
2009-008
4-22-09

4-Loads To CELL #1

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $

TRUCKER L. Combs 12YD DUMP TRUCK # 1108 DATE 4-22-09

ADDRESS

COMPANY S.U.G.S.

PIT OWNER Land FARM TOTAL YDS 48 RATE TOTAL

ADDRESS DATE PAID CK NO

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
X X X X		4	

S.U.G.S.
M.F X L-5, + - OVER
2009-008
4-22-09

3-Loads To CELL # 1

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $

TRUCKER C. L. CARVER 12YD DUMP TRUCK # 1107 DATE 4-22-09

ADDRESS

COMPANY S.U.G.S.

PIT OWNER Land FARM TOTAL YDS 36 RATE TOTAL

ADDRESS DATE PAID CK NO

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
X X X		3	

S.U.G.S.
M-F X L-5, + -over
2009-008
4-23-09

5-Loads To Cell #1

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $

TRUCKER C.L. Carver 12YD DUMP TRUCK # 1107 DATE 4-23-09

ADDRESS

COMPANY S.U.G.S.

PIT OWNER Land Farm TOTAL YDS 60 RATE TOTAL

ADDRESS DATE PAID CK NO

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
XXXXX		5	

S.U.G.S.
M-F X L-5, + -over
2009-008
4-23-09
5-Loads To Cell #1

OCOTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $

TRUCKER L. Combs 12YD DUMP TRUCK # 1108 DATE 4-23-09

ADDRESS

COMPANY S.U.G.S.

PIT OWNER Land Farm TOTAL YDS 60 RATE TOTAL

ADDRESS DATE PAID CK NO

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS	TOTAL
XXXXX		5	

S.W.G.S.
M-F X L-5, T-OVER (NORTH)
2009-008
4-29-09

5-LOADS TO CELL #7

SOUTHLAND ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER C.L. CARVER 12YD DUMP TRUCK # 1107 DATE 4-29-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER LAND FARM TOTAL YDS 60 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
XXXXX																															5	

S.W.G.S.
M-F X L-5, T-OVER (NORTH)
2009-008
4-29-09

5-LOADS TO CELL #7

SOUTHLAND ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER L. COMBS 12YD DUMP TRUCK # 1108 DATE 4-29-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER LAND FARM TOTAL YDS 60 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
XXXXX																															5	

S.W.G.S.
M-F X L-5, T-OVER
2009-008
4-30-09

5-Loads To CELL #7

SCOTTILO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER L. Combs 12YD DUMP TRUCK # 1108 DATE 4-30-09

ADDRESS _____

COMPANY S.W.G.S

PIT OWNER Land FARM TOTAL YDS 60 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
	XXXXX																															5	

S.W.G.S.
M-F X L-5, T-OVER
2009-008
4-30-09

5-Loads To CELL #7

SCOTTILO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER C.L. CARVER 12YD DUMP TRUCK # 1107 DATE 4-30-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER Land FARM TOTAL YDS 60 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
	XXXXX																															5	

S.W.G.S.
M-F X-L-S, T-OVER
2009-008
5-1-09

6-Loads To CELL #7

[redacted] PETROLEUM ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER L. Combs 12YD DUMP TRUCK # 1108 DATE 5-1-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER Land Farm TOTAL YDS 72 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

[redacted]	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS TOTAL
	XXXXXX		6

S.W.G.S.
M-F X-L-S, T-OVER
2009-008
5-1-09

6-Loads To CELL #7

[redacted] PETROLEUM ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER C.L. CARVER 12YD DUMP TRUCK # 1107 DATE 5-1-09

ADDRESS _____

COMPANY S.W.G.S.

PIT OWNER Land Farm TOTAL YDS 72 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

[redacted]	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	RATE	LOADS TOTAL
	XXXXXX		6

S.U.G.S.
M-F X L-S, T-OVER
2009-008
5-7-09
6-LOADS TO CELL #7

...OTTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER L. Combs 12YD DUMP TRUCK # 1108 DATE 5-7-09

ADDRESS _____

COMPANY S.U.G.S

PIT OWNER Land Farm TOTAL YDS 72 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

Note	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
	X	X	X	X	X	X																										6	

S.U.G.S.
M-F X L-S, T-OVER
2009-008
5-7-09
6-LOADS TO CELL #7

...OTTILLO ENVIRONMENTAL, LLC

HOURS WORKED 10 PER HOUR $ _____

TRUCKER C.L. CARVER 12YD DUMP TRUCK # 1107 DATE 5-7-09

ADDRESS _____

COMPANY S.U.G.S.

PIT OWNER Land Farm TOTAL YDS 72 RATE ____ TOTAL ____

ADDRESS _____ DATE PAID _____ CK NO _____

Note	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	RATE	LOADS	TOTAL
	X	X	X	X	X	X																										6	

APPENDIX E

Initial and Final C-141

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 2009-008

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

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

Surface Owner: Millard Deck	Mineral Owner: State	Lease No.

LOCATION OF RELEASE

Nursery well API # 30-025-39231-00-00

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	15	21S	37E					Lea

Latitude N32 28.326 Longitude W103 9.077

NATURE OF RELEASE

Type of Release : Crude Oil, and Natural Gas	Volume of Release: Greater than 50 MCF gas Greater than 5 bbls crude oil	Volume Recovered NONE
Source of Release : 10" Natural Gas Pipeline	Date and Hour of Occurrence not known	Date and Hour of Discovery 1/7/09 9:07 a.m.
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom? Tony Savoie	Date and Hour:	
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.*
The 10" Natural gas pipeline developed a leak prior to the discovery date of 2/26/09. The leak area had been excavated and 3 temporary leak clamps had been installed on the pipeline. There were no fluids standing or gas leaking upon discovery. There were 2 areas noted during the discovery that were oil stained. One area measured approximately 10 ft. X 18 ft. and the other measured approximately 40 ft. X 20 ft.

Describe Area Affected and Cleanup Action Taken. Approximately 1340 sq.ft. of pasture land was affected by the leak and temporary repair. Final remediation will follow the NMOCD recommended guidelines for 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 Approved by District Supervisor: Johnson	
Printed Name: John A. Savoie	ENVIRONMENTAL ENGINEER	
Title: Remediation Supervisor	Approval Date: 3.24.09	Expiration Date: 5.24.09
E-mail Address: tony.savoie@sug.com	Conditions of Approval:	Attached ☐ IRP# 09.5.2185
Date: 3/23/09 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: Regency Field Services LLC.	Contact: Crystal Callaway
Address: 301 Commerce Street, Suite 700, Fort Worth TX 76102	Telephone No.: (817) 302-9407
Facility Name: L5 to MF	Facility Type: Natural Gas Gathering

Surface Owner: Millard Deck	Mineral Owner: State	API No.: 30025-39231-00-00

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	15	21S	37E					Lea

Latitude 32.472081 **Longitude** -103.151236

NATURE OF RELEASE

Type of Release: Crude Oil and Natural Gas	Volume of Release: Greater than 50 MCF gas, Greater than 5 bbls crude oil	Volume Recovered: None
Source of Release: 10" Natural Gas Pipeline	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 01/07/2009 9:07 am
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom? Tony Savoie	Date and Hour	
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.*

The 10" Natural gas pipeline developed a leak prior to the discovery date of 02/26/2009. The leak area had been excavated and three (3) temporary leak clamps had been installed on the pipeline. There were no fluids standing or gas leaking upon discovery. There were two (2) area noted during the discovery that were oil stained. One (1) area measured approximately 10' x 18' and the other measured approximately 40' x 20'.

Describe Area Affected and Cleanup Action Taken.*

Reportedly, in 2009, approximately 2,904 cubic yards (yd^3) of impacted soil was excavate from the release site by Basin Environmental and transported to an approved Landfarm. Further excavation was determined to be unsafe and impracticable given the risks associated with the depth of the excavation and the proximity of the floor of the excavation to groundwater. Two (2) confirmation samples exceeded the NMOCD Guidelines and as a result one (1) monitor well was installed in order to confirm there was not an impact to groundwater. Five (5) sampling events confirmed that there was not a chloride impact and laboratory results indicated that BTEX concentrations were less than the laboratory MDL for each of the submitted groundwater samples, with the exception of benzene at 0.0258 mg/L for the January 9, 2014 sampling event.

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: Crystal Callaway	OIL CONSERVATION DIVISION	
Printed Name: Crystal Callaway	Approved by Environmental Specialist:	
Title: Sr. Environmental Remediation Spec	Approval Date:	Expiration Date:
E-mail Address: Crystal.Callaway@RegencyGas.com	Conditions of Approval:	Attached ☐
Date: 10/3/14 Phone: 817-302-1514		

* Attach Additional Sheets If Necessary