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

Form C-144
Revised June 6, 2013

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action:
- ☐ Below grade tank registration
- ☐ Permit of a pit or proposed alternative method
- ☒ Closure of a pit, below-grade tank, or proposed alternative method
- ☐ Modification to an existing permit/or registration
- ☐ Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: Regency Field Services, LLC OGRID #:
Address: 801 South Loop 464 Monahans, Texas 79756
Facility or well name: Drip Tank #111 RP-1820
API Number: OCD Permit Number:
U/L or Qtr/Qtr E Section 27 Township 22S Range 36E County: Lea Co, NM
Center of Proposed Design: Latitude 32 21.904 Longitude -103 15.517 NAD: ☐1927 ☒ 1983
Surface Owner: ☐ Federal ☐ State ☒ Private ☐ Tribal Trust or Indian Allotment

2.
☐ **Pit:** Subsection F, G or J of 19.15.17.11 NMAC
Temporary: ☐ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☐ yes ☐ no
☐ Lined ☐ Unlined Liner type: Thickness _____mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
☐ String-Reinforced
Liner Seams: ☐ Welded ☐ Factory ☐ Other _____ Volume: _____bbl Dimensions: L_____ x W_____ x D_____

3.
☒ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: 100 bbl bbl Type of fluid: Produced Water and Crude Oil
Tank Construction material: Steel
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☒ Other Tank was installed by EPNG before BGT regulations
Liner type: Thickness N/A mil ☐ HDPE ☐ PVC ☐ Other

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4.
☐ **Alternative Method:**
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.
Fencing: Subsection D of 19.15.17.11 NMAC *(Applies to permanent pits, temporary pits, and below-grade tanks)*
☐ Chain link, six feet in height, two strands of barbed wire at top *(Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)*
☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet
☐ Alternate. Please specify

6.

Netting: Subsection E of 19.15.17.11 NMAC *(Applies to permanent pits and permanent open top tanks)*

☐ Screen ☐ Netting ☐ Other_____

☐ Monthly inspections (If netting or screening is not physically feasible)

7.

Signs: Subsection C of 19.15.17.11 NMAC

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☐ Signed in compliance with 19.15.16.8 NMAC

8.

Variances and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.

☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. **Siting criteria does not apply to drying pads or above-grade tanks.**

General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☒ Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit . NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)** - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☒ No
Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☒ No
Within an unstable area. **(Does not apply to below grade tanks)** - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☒ No
Within a 100-year floodplain. **(Does not apply to below grade tanks)** - FEMA map	☐ Yes ☒ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

10.

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

11.

Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ A List of wells with approved application for permit to drill associated with the pit.
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12.
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H_2S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.
Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type: ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☒ Below-grade Tank ☐ Multi-well Fluid Management Pit ☐ Alternative

Proposed Closure Method: ☒ Waste Excavation and Removal
☐ Waste Removal (Closed-loop systems only)
☐ On-site Closure Method (Only for temporary pits and closed-loop systems)
☐ In-place Burial ☐ On-site Trench Burial
☐ Alternative Closure Method

14.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☒ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC
- ☒ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- ☒ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☐ No

16.
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- ☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- ☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.
Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

18.
OCD Approval: ☐ Permit Application (including closure plan) ☐ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: _____ **Approval Date:** _____

Title: _____ **OCD Permit Number:** _____

19.
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC

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

☐ **Closure Completion Date:** _____

20.
Closure Method:

☒ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)

☐ If different from approved plan, please explain.

21.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only)
- ☐ Plot Plan (for on-site closures and temporary pits)
- ☒ Confirmation Sampling Analytical Results (if applicable)
- ☐ Waste Material Sampling Analytical Results (required for on-site closure)
- ☒ Disposal Facility Name and Permit Number
- ☒ Soil Backfilling and Cover Installation
- ☐ Re-vegetation Application Rates and Seeding Technique
- ☒ Site Reclamation (Photo Documentation)

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

22.

Operator Closure Certification:

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

Name (Print): Phillip Litte Title: EH&S Specialist

Signature: Phillip Litte Date: 8/21/13

e-mail address: phillip.little@SUG.com Telephone: 575-631-2586

approved

Shelly Lemmons

Environmental Specialist

NMOCD - DIST I

9/4/13

Basin Environmental Service Technologies, LLC

3100 Plains Highway
P. O. Box 301
Lovington, New Mexico 88260
jwlowry@basinenv.com
Office: (575) 396-2378 Fax: (575) 396-1429

Effective Solutions

REMEDIATION SUMMARY &

RISK-BASED SITE CLOSURE REQUEST

REGENCY FIELD SERVICES
DRIP TANK #111
HISTORICAL RELEASE SITE
Lea County, New Mexico
Unit Letter "E" (SW/NW), Section 27, Township 22 South, Range 36 East
Latitude 32° 21.904' North, Longitude 103° 15.517' West
NMOCD Reference # 1RP-1820

Prepared For:

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

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

August 2013

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Joel W. Lowry
Project Manager

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

1.0 INTRODUCTION & BACKGROUND INFORMATION

Basin Environmental Service Technologies, LLC (Basin), on behalf of Regency Field Services (Regency), has prepared this *Remediation Summary & Risk-Based Site Closure Request* for the Drip Tank #111 Historical Release Site (1RP-1820). The legal description of the release site is Unit Letter "E" (SW/NW), Section 27, Township 22 South, Range 36 East, in Lea County, New Mexico. The geographic coordinates of the release site are 32° 21.904' North latitude and 103° 15.517' West longitude. The property affected by the release is owned Mr. Mathew Casey.

On March 19, 2008, Southern Union filed a "Pit or Below-Grade Tank Registration of Closure Form" (Form C-144) with the New Mexico Oil Conservation Division (NMOCD) Hobbs District Office, registering the Drip Tank #111 and notifying them of their intentions to remove an on-site below-grade tank (BGT) and remediate the area. The Form C-144 described the BGT as a steel, one hundred barrel (100 bbl) tank used to contain produced water and crude oil. The C-144 indicated the tank was installed by El Paso Natural Gas (EPNG) before the BGT regulations were written.

On or around March 17, 2008, the BGT was removed, and the adjacent soil was remediated. Five (5) soil samples (Floor, North Wall, East Wall, South Wall and West Wall) were collected from the associated excavated area defined by the former BGT location and submitted to Cardinal Laboratories for analysis of total petroleum hydrocarbon (TPH) concentrations. Laboratory analytical results indicated TPH concentrations ranged from less than the appropriate laboratory method detection limit (MDL) for soil samples South Wall and West Wall to 35.6 mg/Kg for soil sample East Wall. Soil sample Floor was also analyzed for concentrations of chloride, which were determined to be 33.1 mg/Kg. During the on-site tank removal and associated remediation activities; a historical "pit" was discovered north of the BGT location. General photographs of the release site are provided as Appendix A. The Form C-144 is provided as Appendix E.

2.0 NMOCD SITE CLASSIFICATION

The initial C-144 indicated that the depth to groundwater is approximately two hundred feet (200') below ground surface (bgs). Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.

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

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

NMOCD guidelines indicate the Drip Tank #111 Historical Release Site has an initial ranking score of zero (0) points. The soil remediation levels for a site with a ranking score of zero (0) points are as follows:

- Benzene – 10 mg/Kg (ppm)

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

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

3.0 SUMMARY OF SOIL REMEDIATION ACTIVITIES

On April 29, 2013, three (3) soil bores were advanced at the location in an effort to determine the vertical and horizontal extent of soil impact. Soil bore SB-1 was advanced to approximately forty feet (40') bgs in the western portion of the inferred pit location. During the advancement of the soil bore, soil samples were collected at ten-foot (10') drilling intervals and submitted to Cardinal Laboratories of Hobbs, New Mexico, for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated BTEX concentrations were less than the appropriate laboratory MDL for each of the submitted soil samples, with the exception of SB-1 @ 30', which had a concentration of 0.00455 mg/Kg. TPH concentrations were less than the appropriate MDL for each of the submitted soil samples with the exception of SB-1 @ 10', which had a concentration of 16.3 mg/Kg. Chloride concentrations ranged from 8.59 mg/Kg for soil sample SB-1 @ 10' to 57.3 mg/Kg for soil sample SB-1 @ 20'. Table 1 summarizes the "Concentrations of Benzene, BTEX, TPH & Chloride in Soil". Soil sample locations are depicted in Figure 2, "Site & Sample Location Map". Laboratory analytical reports are provided as Appendix C. Soil boring logs are provided as Appendix D.

Soil bore SB-2 was located approximately twenty-five feet (25') west of SB-1. Soil bore SB-2 was advanced to approximately forty feet (40') bgs. During the advancement of the soil bore, soil samples were collected at ten-foot (10') drilling intervals and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated BTEX concentrations were less than the appropriate laboratory MDL for each of the submitted soil samples. TPH concentrations ranged from 18.0 for soil sample SB-2 @ 30' to 48.8 mg/Kg for soil sample SB-2 @ 10'. Chloride concentrations ranged from 44.5 mg/Kg for soil sample SB-2 @ 30' to 911 mg/Kg for soil sample SB-2 @ 10'.

Soil bore SB-3 was located approximately twenty-five feet (25') west of SB-2. Soil bore SB-3 was advanced to approximately one hundred feet (100') bgs. During the advancement of the soil bore, soil samples were collected at ten-foot (10') drilling intervals and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated BTEX concentrations ranged from less than the appropriate laboratory MDL for soil samples SB-3 @ 80', SB-3 @ 90' and SB-3 @ 100' to 0.0491 mg/Kg for soil sample SB-3 @ 30'. TPH concentrations ranged from 100 mg/Kg for soil sample SB-3 @ 90' to 8,590 mg/Kg for soil sample SB-3 @ 10'. Chloride concentrations ranged from 47.0 mg/Kg for soil sample SB-3 @ 100' bgs to 267 mg/Kg for soil sample SB-3 @ 10' bgs.

On June 10, 2013, Basin began excavation activities at the remediation site. The floor of the excavation was advanced to approximately twelve feet (12') bgs. Excavation sidewalls were advanced until field tests suggested concentrations of BTEX, TPH and chloride were less than

NMOCD regulatory standards. Excavated material was stockpiled on-site pending final disposition.

On June 21, 2013, Basin collected three (3) soil samples (South Floor #1 @ 11', South Wall #1 and TT-1 @ 19') and submitted them to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated TPH concentrations ranged from 2,829 mg/Kg for soil sample South Floor #1 @ 11' to 5,007 mg/Kg for soil sample TT-1 @ 19'. Chloride concentrations ranged from 32.0 mg/Kg for soil sample South Wall #1 to 208 mg/Kg for soil sample TT-1 @ 19'. Soil sample TT-1 @ 19' was also analyzed for BTEX concentrations which were determined to be 5.05 mg/Kg.

In addition, one (1) five-point composite soil sample (6-21-13 Stockpile) was collected from the stockpiled material and submitted to the laboratory for determination of TPH and chloride concentrations, which were determined to be 4,520 mg/Kg and 80.0 mg/Kg, respectively. Excavation activities continued to the north.

On July 1, 2013, six (6) soil samples (North SW #1, North SW #2, South SW #1b, South SW #2, East SW #1 and East SW #2) were collected from the excavation sidewalls and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated BTEX and TPH concentrations were less than the appropriate laboratory MDL for each of the submitted soil samples. Chloride concentrations ranged from less than the laboratory MDL for soil samples South SW #2 and East SW #1 to 240 mg/Kg for soil sample North SW #1. BTEX, TPH and chloride concentrations were below NMOCD regulatory standards in each of the submitted sidewall soil samples.

In addition, four (4) five-point composite soil samples (Stockpile #1, Stockpile #2, Stockpile #3 and Stockpile #4) were collected from the on-site stockpiles and submitted to the laboratory for determination of TPH and chloride concentrations. Laboratory analytical results indicated TPH concentrations ranged from 2,907 mg/Kg for soil sample Stockpile #3 to 3,094 mg/Kg for soil sample Stockpile #2. Soil samples Stockpile #1, Stockpile #3 and Stockpile #4 were also analyzed for BTEX concentrations which were determined to be less than the laboratory MDL for each of the submitted soil samples.

On July 2, 2013, two (2) soil samples (West SW #1 and West SW #2) were collected from the excavation sidewalls and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated BTEX concentrations were less than the laboratory MDL for each of the submitted soil samples. TPH concentrations ranged from less than the laboratory MDL for soil sample West SW #1 to 57.4 mg/Kg for soil sample West SW #2. Chloride concentrations ranged from 48.0 mg/Kg for soil sample West SW #1 to 416 mg/Kg for soil sample West SW #2. BTEX, TPH and chloride concentrations were below NMOCD regulatory standards in each of the submitted sidewall soil samples.

On July 3, 2013, one (1) soil sample (Center Floor) was collected from the floor of the excavation and submitted to the laboratory for analysis of TPH and chloride concentrations, which were determined to be 6,280 mg/Kg and 142 mg/Kg, respectively. Based on laboratory analytical results from soil samples TT-1 @ 19' and Center Floor, it was determined that a risk-based closure would be sought.

Between June 16, and June 22, 2013, approximately three hundred (300) cubic yards of impacted material represented by soil sample Stockpile #3 was transported to Sundance Services, Inc. (NMOCD Permit #NM-01-0003), for disposal. The final dimensions of the excavation were approximately sixty-five feet (65') in length, sixty feet (60') in width and twelve feet (12') in depth. Copies of disposal manifests are provided as Appendix B.

On June 22, 2013, on receiving approval from an NMOCD representative, a twenty-millimeter (20mm) polyurethane liner was installed in the floor of the excavation at approximately twelve feet (12') bgs. A one-foot (1') layer of pad sand was installed above and below the liner to maintain its integrity during backfilling activities. This engineering control was designed to inhibit the vertical migration of contaminants left in-situ. Upon installation of the liner, the excavation was backfilled with on-site soil represented by soil samples Stockpile #1, Stockpile #3 and Stockpile #4. Excavation backfill was compacted in lifts and contoured to match the surrounding topography. The location will be reseeded at a time more conducive to germination.

4.0 QA/QC PROCEDURES

4.1 Soil Sampling

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

- BTEX concentrations in accordance with EPA Method SW-846 8021b
- TPH concentrations in accordance with modified EPA Method SW-846 8015M
- Chloride concentrations in accordance with EPA Method 300.0 and/or 4500 Cl-B.

4.2 Decontamination of Equipment

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

4.3 Laboratory Protocol

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

5.0 SITE CLOSURE REQUEST

Laboratory analytical results from confirmation soil samples collected from the sidewalls of the Drip Tank #111 excavation indicated concentrations of benzene, BTEX, TPH and chloride were less than NMOCD regulatory standards. An approved twenty-millimeter (20mm) polyurethane was installed in the floor of the excavation at approximately twelve feet (12') bgs. This engineering control is designed to inhibit the vertical migration of contaminants left in-situ. Based on these laboratory analytical results and the installation of an approved engineering control, Basin recommends Regency provide the NMOCD Hobbs District Office a copy of this *Remediation Summary & Risk-Based Site Closure Request* and request the NMOCD grant site closure to the Drip Tank #111 Historical Release Site.

6.0 LIMITATIONS

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

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

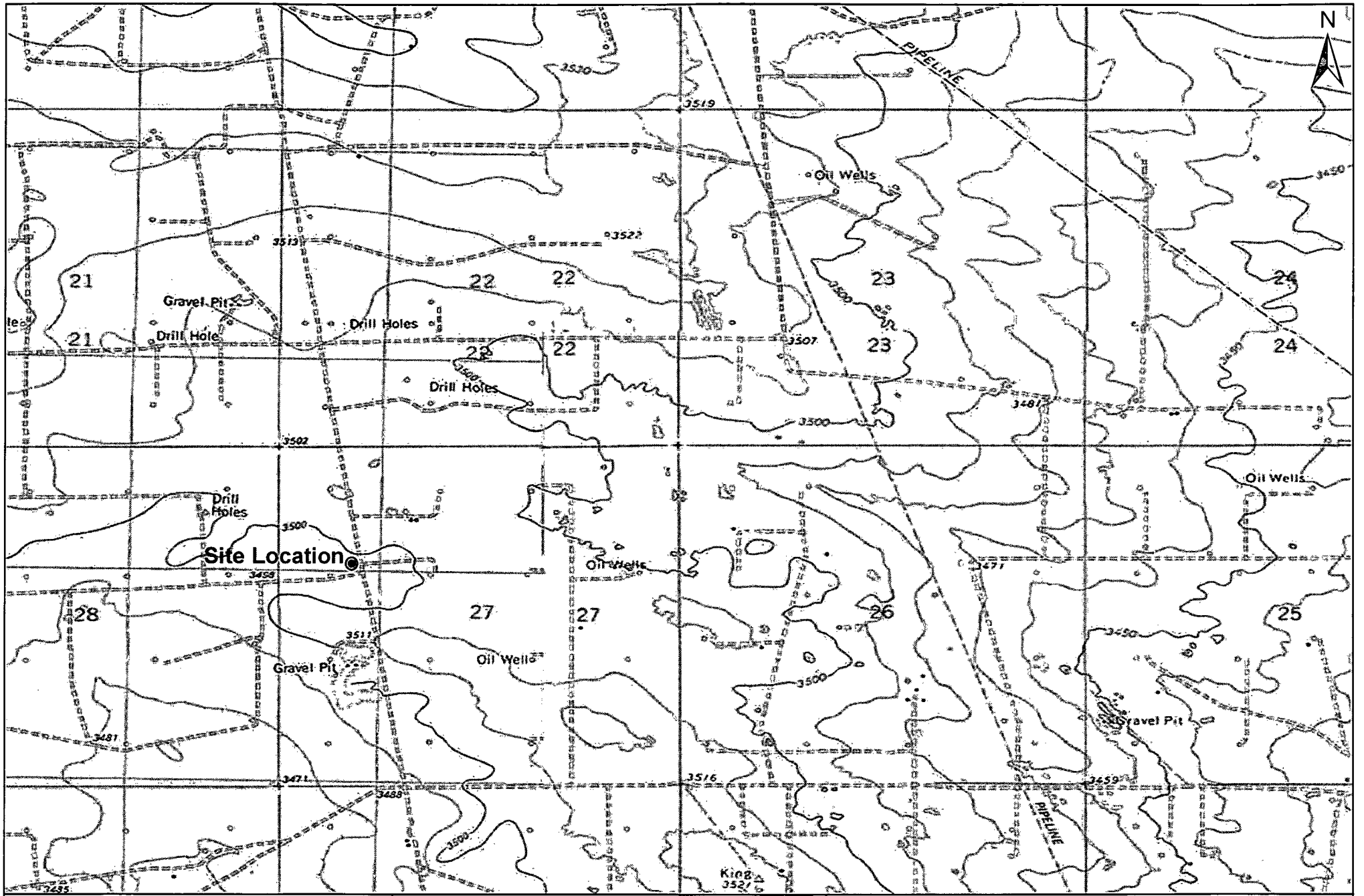
7.0 DISTRIBUTION

Copy 1: Geoffrey Leking
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division (District 1)
1625 French Drive
Hobbs, NM 88240
GeoffreyR.Leking@state.nm.us

Copy 2: Phillip Little
Regency Field Services
801 S. Loop 464
Monahans, Texas 79756
Phillip.little@sug.com

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

FIGURES



1,000500 0 1,000 2,000

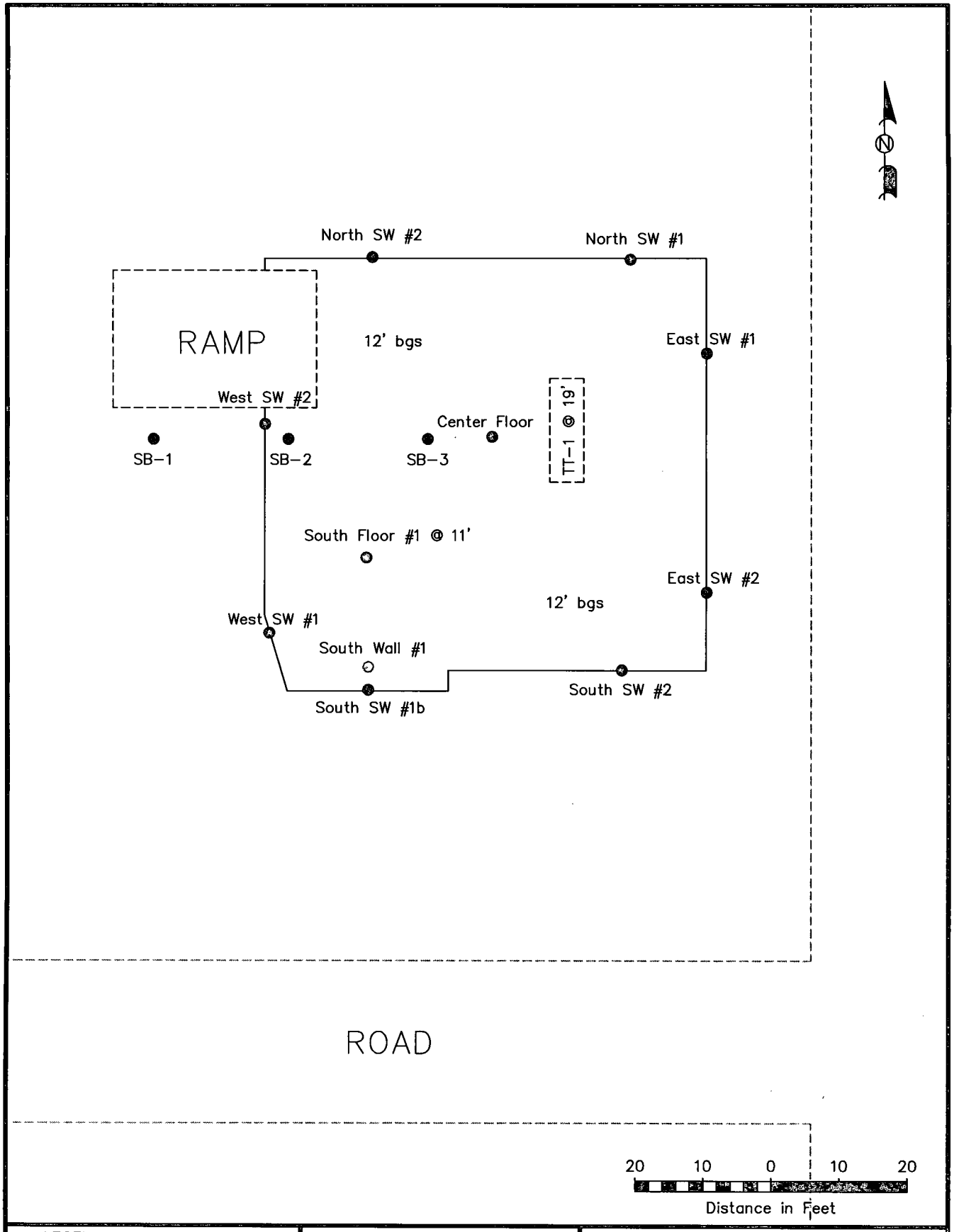
Distance in Feet

Figure 1
Site Location Map
Southern Union Gas Services
Drip Tank #111 Historical
Lea County, New Mexico
NMOCD Reference #: 1RP-1820

Basin Environmental Effective Solutions Service Technologies

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

Drawn By: BJA	Checked By: JWL
October 17, 2012	Scale: 1" = 2000'



LEGEND:

Excavation Extent | Soil Bore Location

Callche Road | Test Trench

Sample Location

Figure 2
Site & Sample Location Map
Southern Union Gas Services
Drip Tank #111
NMOCD Ref# 1RP-1820
Lea County, NM

Basin Environmental Services

Scale: 1" = 20'	Drawn By: JWL	Prepared By: BRB
July 8, 2013		

TABLES

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
DRIP TANK #111
HISTORICAL RELEASE SITE
LEA COUNTY, NEW MEXICO
NMOCD REF# 1RP-1820

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH C_6-C_{28} (mg/Kg)	EPA: 300
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C_6-C_{12} (mg/Kg)	DRO C_{12}-C_{28} (mg/Kg)	ORO C_{28}-C_{35} (mg/Kg)		CHLORIDE (mg/Kg)
Floor	N/A	3/17/2008	N/A	-	-	-	-	-	<15.6	17.5	<15.6	17.5	33.1
North Wall	N/A	3/17/2008	N/A	-	-	-	-	-	<15.8	17.1	<15.8	17.1	-
East Wall	N/A	3/17/2008	N/A	-	-	-	-	-	<15.9	35.6	<15.9	35.6	-
South Wall	N/A	3/17/2008	N/A	-	-	-	-	-	<15.7	<15.7	<15.7	<15.7	-
West Wall	N/A	3/17/2008	N/A	-	-	-	-	-	<15.8	<15.8	<15.8	<15.8	-
SB-1 @ 10'	10'	4/29/2013	In-Situ	<0.00108	<0.00216	<0.00108	<0.00216	<0.00216	<16.3	16.3	<16.3	16.3	8.59
SB-1 @ 20'	20'	4/29/2013	In-Situ	<0.00109	<0.00218	<0.00109	<0.00218	<0.00218	<16.4	<16.4	<16.4	<16.4	57.3
SB-1 @ 30'	30'	4/29/2013	In-Situ	<0.00105	<0.00210	0.00150	0.00305	0.00455	<15.6	<15.6	<15.6	<15.6	64.7
SB-1 @ 40'	40'	4/29/2013	In-Situ	<0.00106	<0.00212	<0.00106	<0.00212	<0.00212	<15.8	<15.8	<15.8	<15.8	55.8
SB-2 @ 10'	10'	4/29/2013	In-Situ	<0.00106	<0.00213	<0.00106	<0.00213	<0.00213	<16.0	48.8	<16.0	48.8	911
SB-2 @ 20'	20'	4/29/2013	In-Situ	<0.00106	<0.00212	<0.00106	<0.00212	<0.00212	<16.0	27.6	<16.0	27.6	55.4
SB-2 @ 30'	30'	4/29/2013	In-Situ	<0.00103	<0.00207	<0.00103	<0.00207	<0.00207	<15.5	18.0	<15.5	18.0	44.5
SB-2 @ 40'	40'	4/29/2013	In-Situ	<0.00104	<0.00208	<0.00104	<0.00208	<0.00208	<15.6	19.9	<15.6	19.9	48.7
SB-3 @ 10'	10'	4/29/2013	In-Situ	<0.00106	0.00384	0.0124	0.0299	0.00461	423	7,980	187	**8,590**	**267**
SB-3 @ 20'	20'	4/29/2013	In-Situ	<0.00109	<0.00217	0.00843	0.00347	0.0431	296	4,120	52.2	4,470	110
SB-3 @ 30'	30'	4/29/2013	In-Situ	<0.00106	<0.00212	0.0145	0.0346	0.0491	496	3,660	61.3	4,220	245
SB-3 @ 40'	40'	4/29/2013	In-Situ	<0.00106	<0.00211	0.00592	0.0256	0.0315	421	2,910	46.2	3,380	156
SB-3 @ 50'	50'	4/29/2013	In-Situ	<0.00120	<0.00240	0.00879	0.0319	0.0407	607	2,720	57.8	3,380	55.0
SB-3 @ 60'	60'	4/29/2013	In-Situ	<0.00112	0.00402	0.00424	0.0288	0.0371	491	2,730	56.3	3,280	145
SB-3 @ 70'	70'	4/29/2013	In-Situ	<0.00111	<0.00222	0.00185	0.00765	0.00950	95.4	1,190	36.5	1,320	184
SB-3 @ 80'	80'	4/29/2013	In-Situ	<0.00108	<0.00215	<0.00108	<0.00215	<0.00215	<16.1	183	<16.1	183	66.5
SB-3 @ 90'	90'	4/29/2013	In-Situ	<0.00107	<0.00214	<0.00107	<0.00214	<0.00214	<16.0	100	<16.0	100	80.5
SB-3 @ 100'	100'	4/29/2013	In-Situ	<0.00105	<0.00210	<0.00105	<0.00210	<0.00210	<15.9	130	<15.9	130	47.0
South Floor #1 @ 11'	11'	6/21/2013	Excavated	-	-	-	-	-	<50.0	2,380	449	2,829	48.0
South Wall #1	10'	6/21/2013	In-Situ	-	-	-	-	-	<50.0	2,630	497	3,127	32.0
TT-1 @ 19'	19'	6/21/2013	In-Situ	<0.200	0.349	2.74	1.96	5.05	157	3,750	1,100	**5,007**	208
6-21-13 Stockpile	N/A	6/21/2013	Stockpiled	-	-	-	-	-	50.3	3,340	1,130	4,520	80.0

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
DRIP TANK #111
HISTORICAL RELEASE SITE
LEA COUNTY, NEW MEXICO
NMOCD REF# 1RP-1820

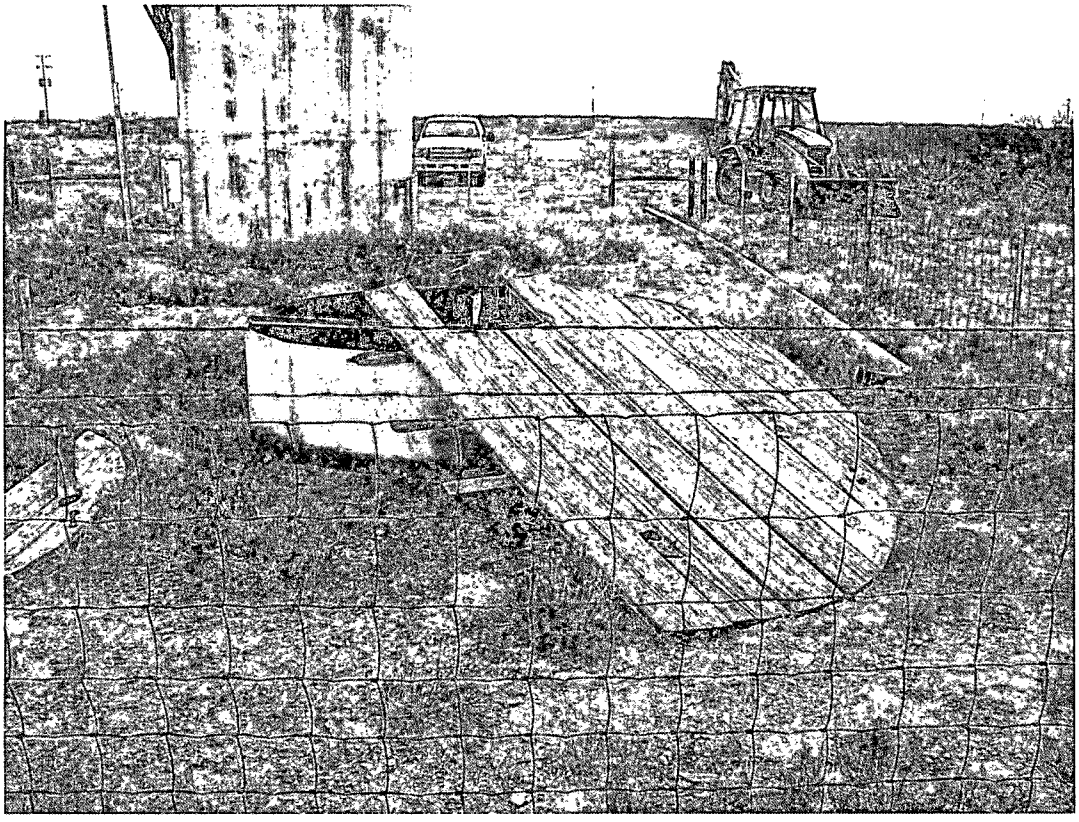
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH C_6-C_{28} (mg/Kg)	EPA: 300
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C_6-C_{12} (mg/Kg)	DRO C_{12}-C_{28} (mg/Kg)	ORO C_{28}-C_{35} (mg/Kg)		CHLORIDE (mg/Kg)
North SW #1	11'	7/1/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	240
North SW #2	11'	7/1/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	144
South SW #1b	11'	7/1/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	32.0
South SW #2	11'	7/1/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	<16.0
East SW #1	11'	7/1/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	64.0
East SW #2	11'	7/1/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	<16.0
Stockpile #1	N/A	7/1/2013	Stockpiled	<0.200	<0.200	<0.200	<0.600	<0.600	<50.0	2,400	604	3,004	80.0
Stockpile #2	N/A	7/1/2013	Stockpiled	-	-	-	-	-	<50.0	2,380	714	3,094	80.0
Stockpile #3	N/A	7/1/2013	Stockpiled	<0.200	<0.200	<0.200	<0.600	<0.600	<50.0	2,250	657	2,907	80.0
Stockpile #4	N/A	7/1/2013	Stockpiled	<0.200	<0.200	<0.200	<0.600	<0.600	<50.0	2,310	707	3,017	80.0
West SW #1	11'	7/2/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	48.0
West SW #2	11'	7/2/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	36.1	21.3	57.4	416.0
Center Floor	12'	7/3/2013	In-Situ	<0.050	0.849	5.66	5.01	11.5	329	4,920	1,030	6,280	144
NMOCD Standard				**10**				**50**				**5,000**	**1,000**

- = Not analyzed.

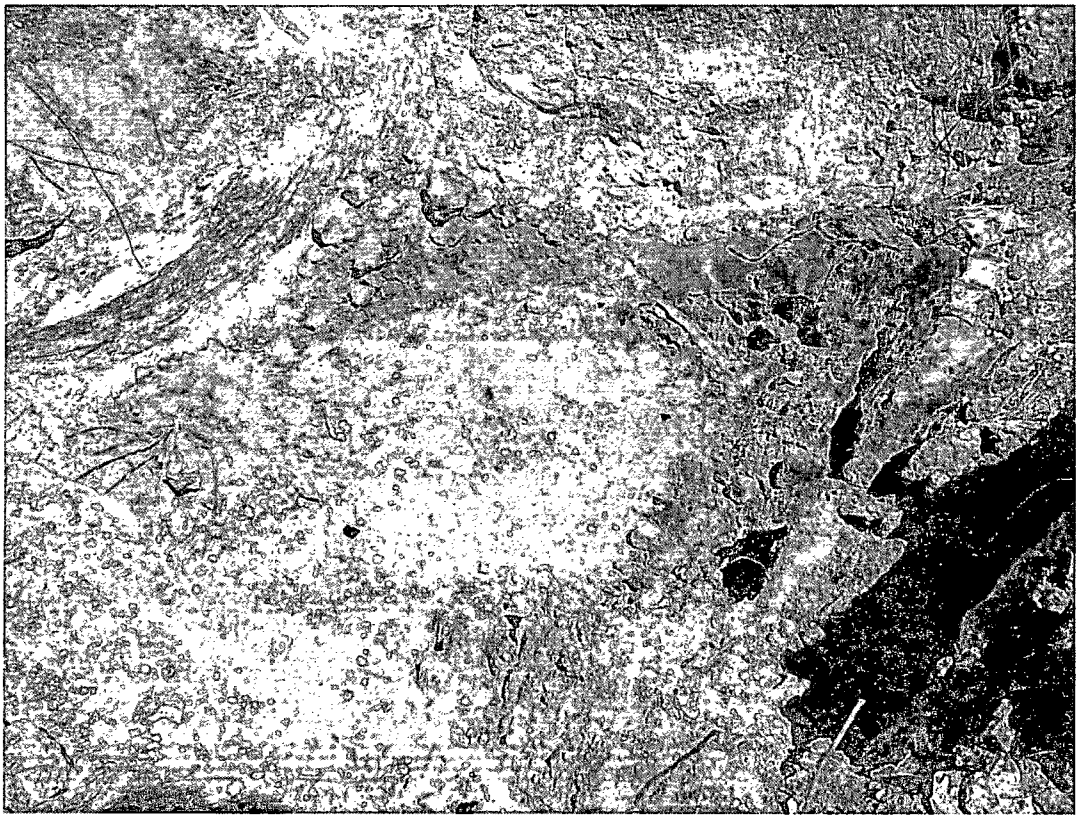
APPENDICES

Appendix A

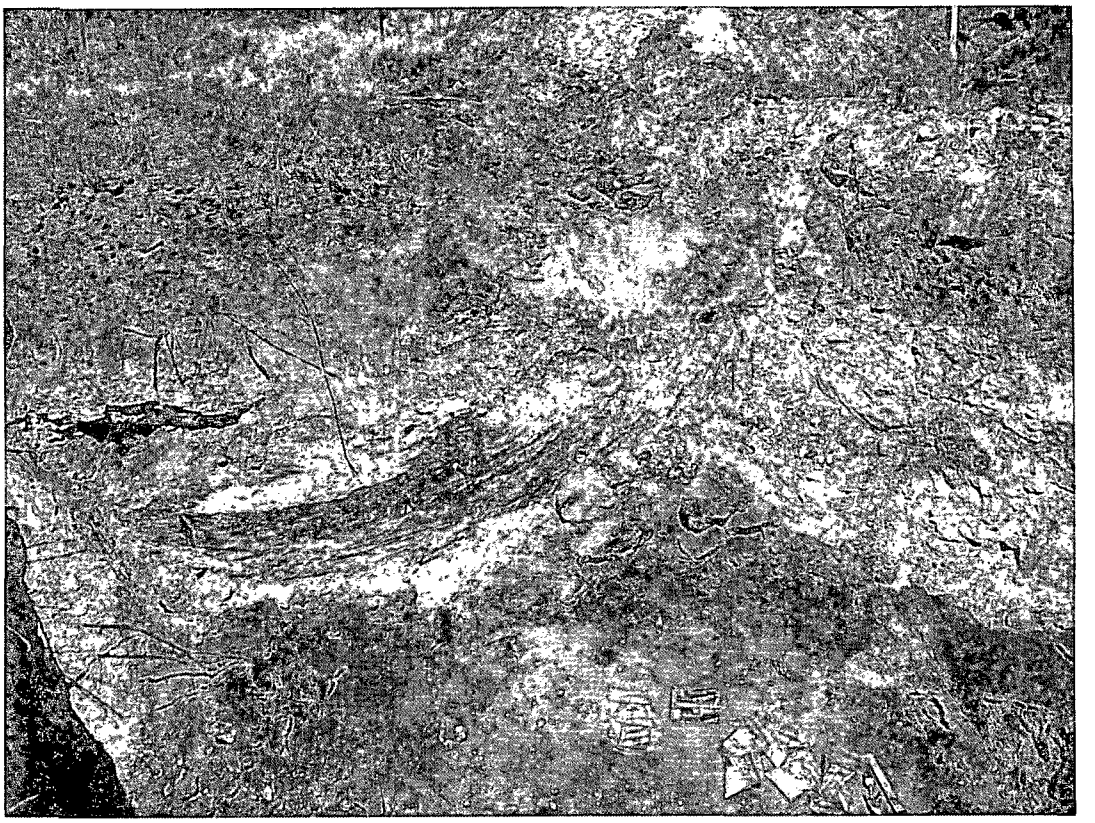
Photographs



Photograph of BGT at the Drip Tank #111 prior to being removed.



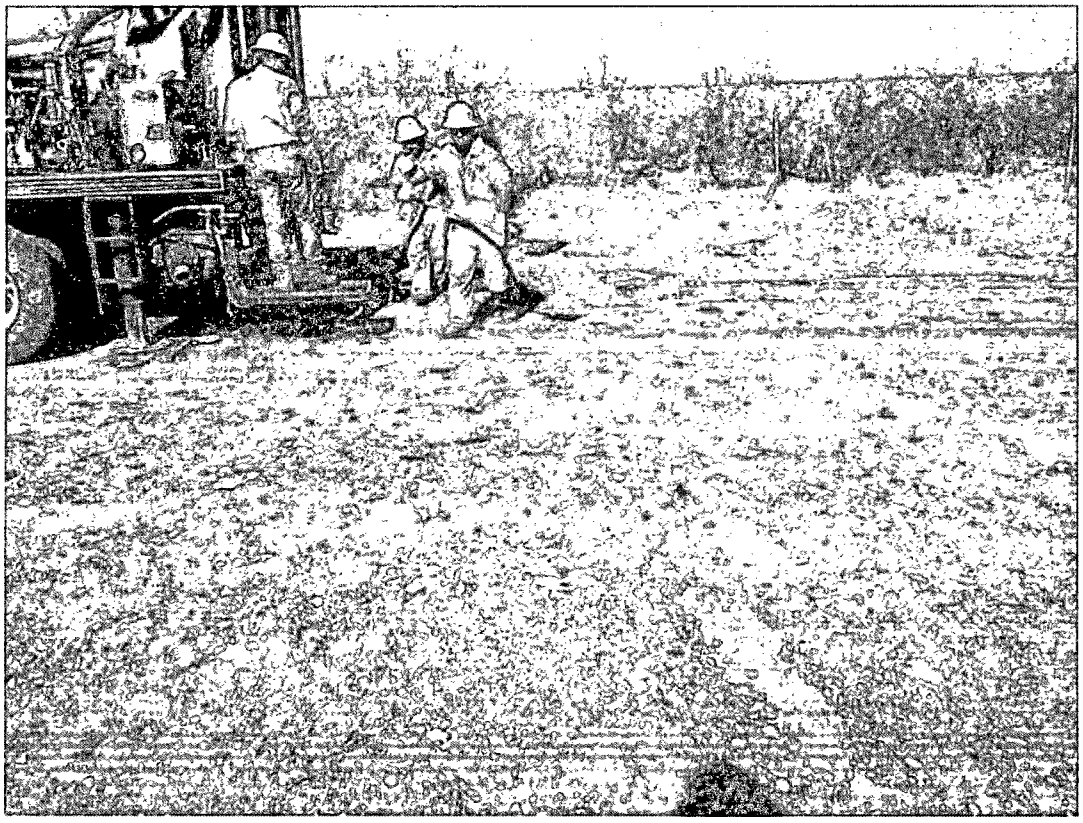
Photograph of the excavation resulting from the BGT removal.



Photograph of the excavation resulting from the BGT removal.

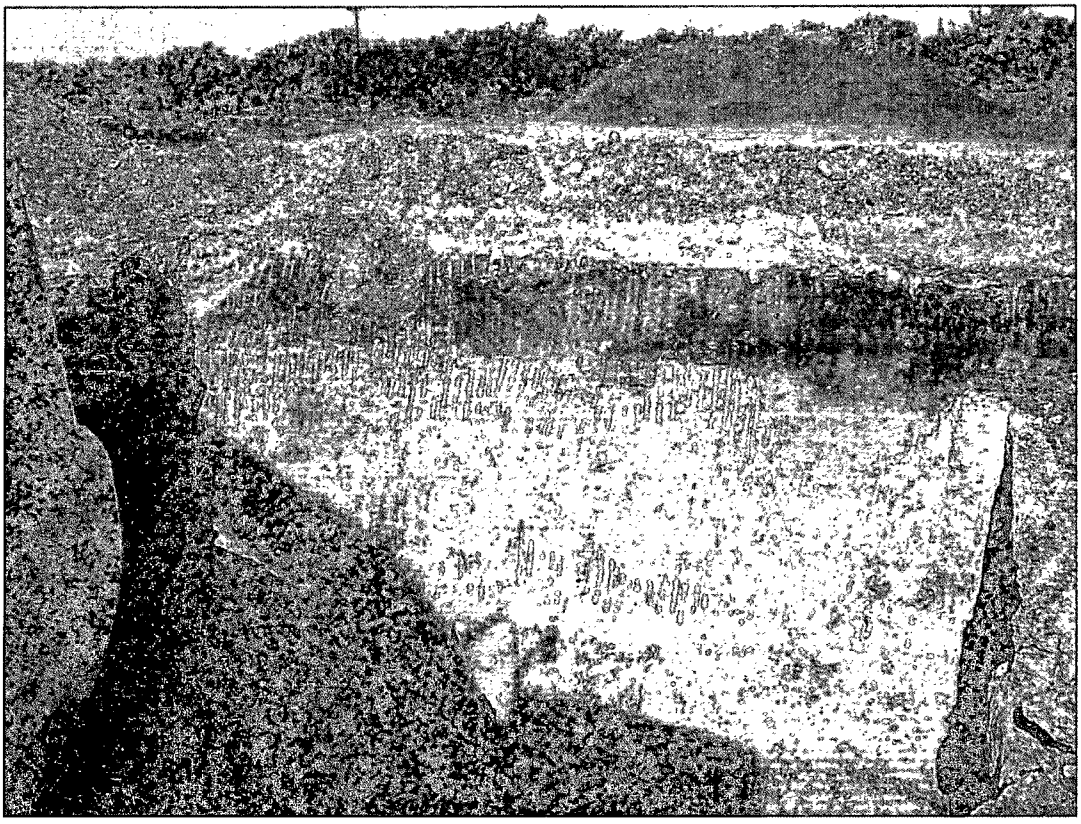
Photograph of the former BGT location at the Drip Tank #111.

Photograph of the area inferred to be a historical "Pit" at the Drip Tank #111.



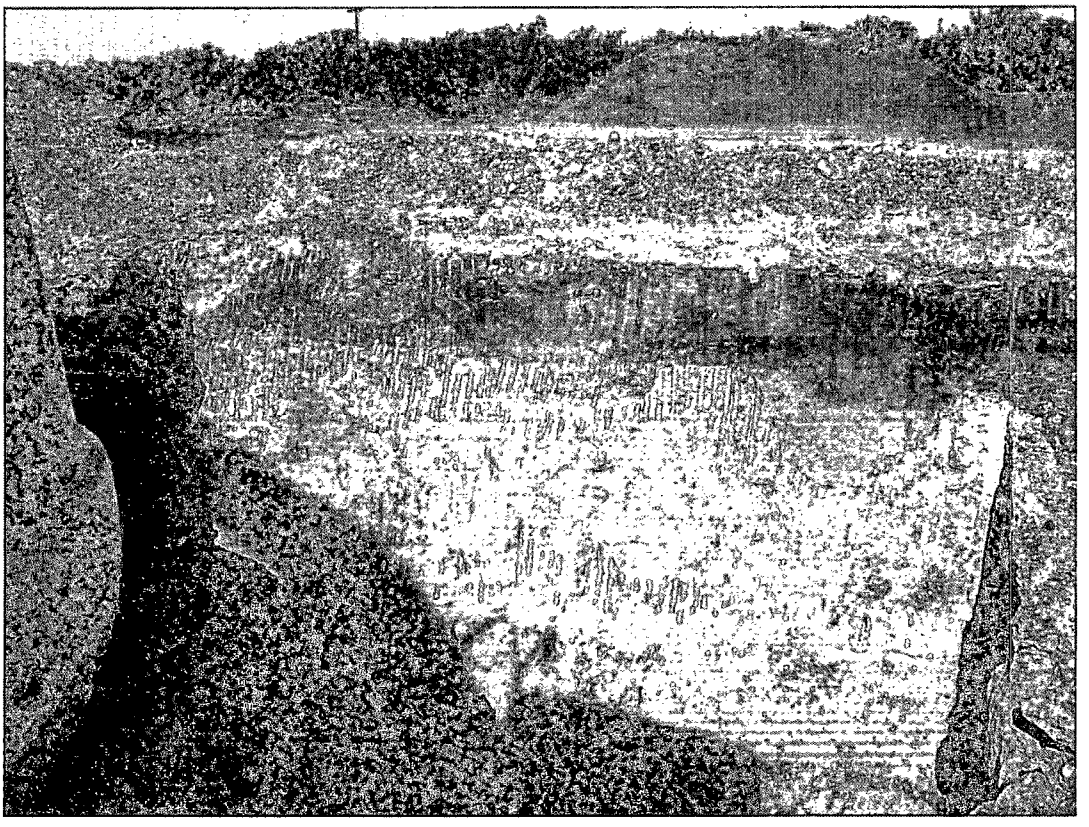
Photograph of soil boring activities at the Drip Tank #111.

Photograph of soil boring location and excavation activities at the Drip Tank #111.

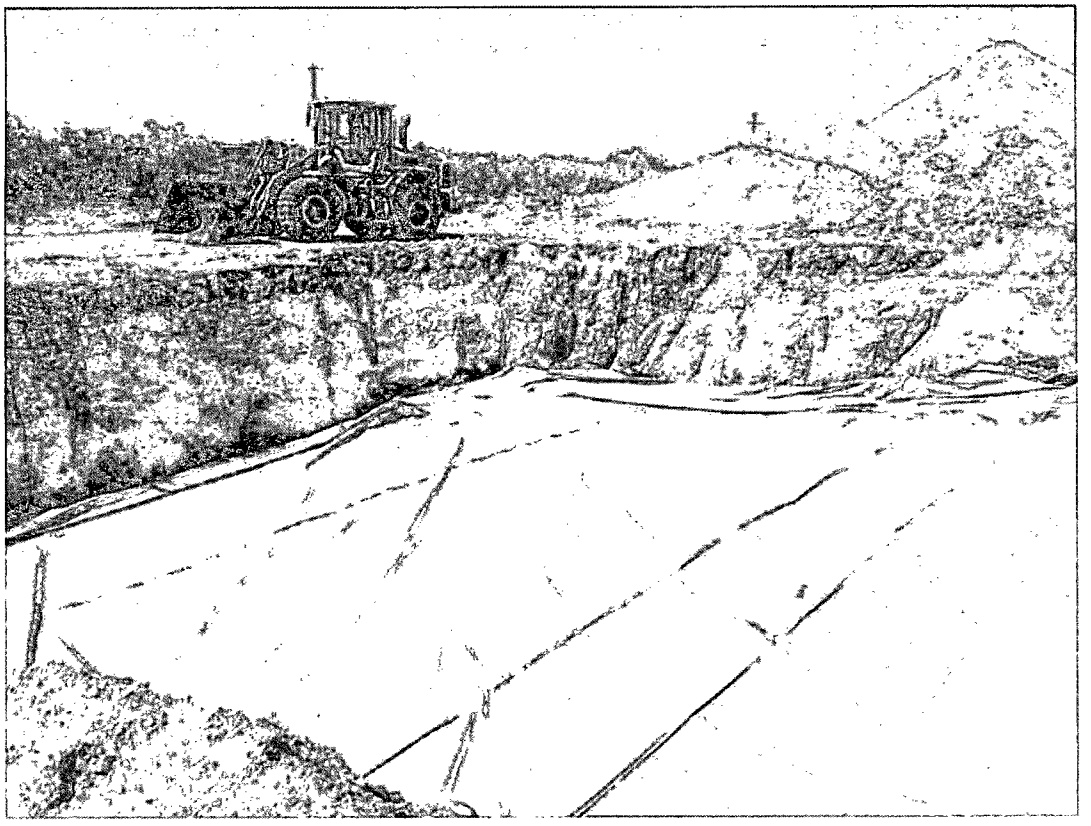


Photograph of excavation activities at the Drip Tank #111.

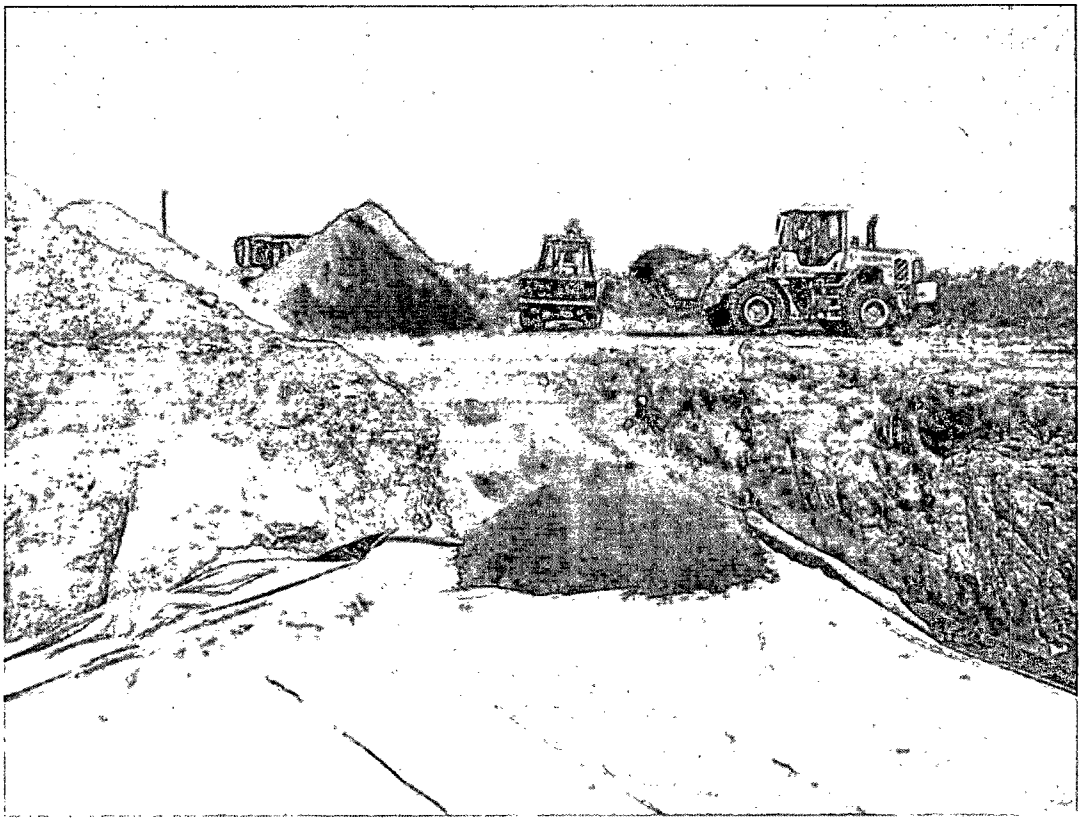
Photograph of excavation activities at the Drip Tank #111.



Photograph of excavation activities at the Drip Tank #111.

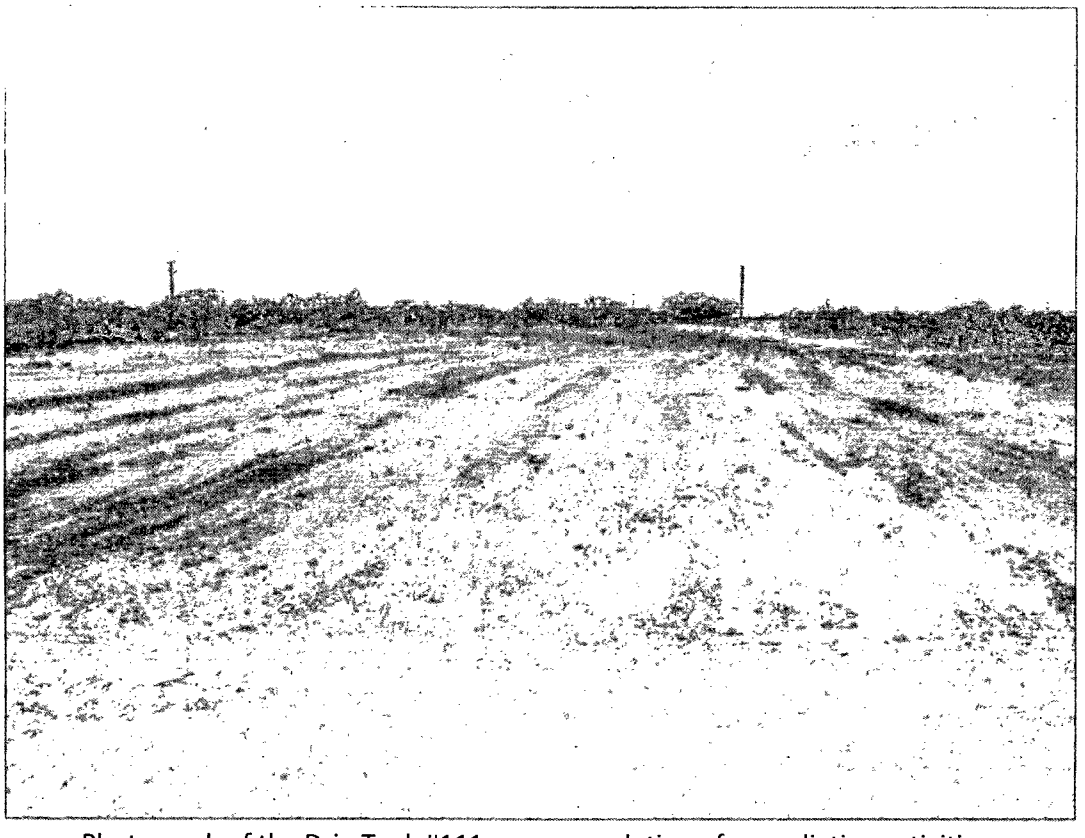


Photograph of the installation of a 20-Mil poly liner at the Drip Tank #111.



Photograph of the installation of pad sand at the Drip Tank #111.

Photograph of backfilling activities at the Drip Tank #111.



Photograph of the Drip Tank #111 upon completion of remediation activities.

Appendix B

Disposal Manifests

SUNDANCE SERVICES, Inc.

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

TICKET No. 253390

LEASE OPERATOR/SHIPPER/COMPANY: SIG

LEASE NAME: Drip Tank #111

TRANSPORTER COMPANY: Trinity M | TIME 9:19 AM/PM

DATE: 7/16/2013 VEHICLE NO: 25 | GENERATOR COMPANY MAN'S NAME: Alan Taylor

CHARGE TO: SIG | RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: C/I

RRC or API # C-133#

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

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY *that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.*

DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No: 253424

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: Drip Tank # 111

TRANSPORTER COMPANY: Triple M

TIME 11:45 AM/PM

DATE: 7-16-2012 VEHICLE NO: 5

GENERATOR COMPANY MAN'S NAME: Matt Taylor

CHARGE TO: SLIG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: C.S.

RRC or API # C-133#

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

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY *that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.*

DRIVER: _____ (SIGNATURE)

FACILITY REPRESENTATIVE: _____ (SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No.: 253461

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: Drlg Tank #111

TRANSPORTER COMPANY: Triple M | TIME 2:37 AM/PM

DATE: 7-11-2013 VEHICLE NO: 05 | GENERATOR COMPANY MAN'S NAME: MM Taylor

CHARGE TO: SUG | RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: O/O

RRC or API # C-133#

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

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY *that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.*

DRIVER: Enrique Cuellar
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Rowell
(SIGNATURE)

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

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

TICKET No. 253463

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: Nric Tank ? 111

TRANSPORTER COMPANY: Triple M | TIME 2:34 AM/PM

DATE: 12-18-2012 VEHICLE NO: 15 GENERATOR COMPANY MAN'S NAME: Max Taylor

CHARGE TO: SUG | RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: C/S

RRC or API # C-133#

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

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: [signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [signature]
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 253392

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: Drip Tank #111

TRANSPORTER COMPANY: Triple M | TIME 1:21 AM/PM

DATE: 7/16/2013 VEHICLE NO: 10 | GENERATOR COMPANY MAN'S NAME: Nath Taylor

CHARGE TO: SUG | RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: D/O

RRC or API # C-133#

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

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 253426

LEASE OPERATOR/SHIPPER/COMPANY: SUG	
LEASE NAME: [illegible] Tank [illegible]	
TRANSPORTER COMPANY: Triple M	TIME 11:22 AM/PM
DATE: 7-16-12 VEHICLE NO: 16	GENERATOR COMPANY MAN'S NAME: Matt Taylor
CHARGE TO: SUG	RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water [ ] Drilling Fluids [ ] Rinsate

[ ] Tank Bottoms [X] Contaminated Soil [ ] Jet Out

[ ] Solids [ ] BS&W Content: [ ] Call Out

Description: C/D

RRC or API # C-133#

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

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Lysandro Reyes
(SIGNATURE)

FACILITY REPRESENTATIVE: [illegible signature]
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 253797

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: Drip Tank #111

TRANSPORTER COMPANY: Triple M

TIME 2:20 AM/PM

DATE: 7-19-13 **VEHICLE NO:** 12

GENERATOR COMPANY MAN'S NAME: Matt Taylor

CHARGE TO: SLG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OIP

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

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: FERNANDO TEJEDA
(SIGNATURE)

FACILITY REPRESENTATIVE: A. Sta Cruz
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 253781

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: Drip Tank #111

TRANSPORTER COMPANY: Triple M | **TIME** 12:40 AM/PM

DATE: 7-19-13 **VEHICLE NO:** 12 | **GENERATOR COMPANY MAN'S NAME:** Matt Taylor

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

TYPE OF MATERIAL

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

Description: O/D

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

VOLUME OF MATERIAL [ ] BBLS. _____ : [X] YARD 20 : [ ] _____

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DRIVER: FERNANDO TEJEDA
(SIGNATURE)

FACILITY REPRESENTATIVE: A. Sla Cruz
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 253745

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: Drip Tank # 111

TRANSPORTER COMPANY: Triple M

TIME 11:15 AM/PM

DATE: 2-19-13 VEHICLE NO: 12

GENERATOR COMPANY MAN'S NAME: Matt Taylor

CHARGE TO: SLG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OID

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLS.: [X] YARD 20 : [ ]

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DRIVER: FERNANDO TEJEDA
(SIGNATURE)

FACILITY REPRESENTATIVE: D. De La Cruz
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 254084

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: Drip Tank #111

TRANSPORTER COMPANY: Triple M

TIME 5:50 (AM/PM)

DATE: 7-22-13 **VEHICLE NO:** 10

GENERATOR COMPANY MAN'S NAME: Matt Taylor

CHARGE TO: SLG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: CID

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

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

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DRIVER: Alejandro R. Soc
(SIGNATURE)

FACILITY REPRESENTATIVE: J. Silva
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 254114

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: Drip Tank #111

TRANSPORTER COMPANY: Triple M

TIME 10:40 (AM/PM)

DATE: 9-22-13 **VEHICLE NO:** 16

GENERATOR COMPANY MAN'S NAME: Matt Taylor

CHARGE TO: SLIG

RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OLD

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

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

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DRIVER: Alejandro Reyes
(SIGNATURE)

FACILITY REPRESENTATIVE: A. Sta Cruz
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 254175

LEASE OPERATOR/SHIPPER/COMPANY:	SUG
LEASE NAME:	Drip Tank #111
TRANSPORTER COMPANY:	Triple A1 — TIME 1:37 AM/PM
DATE: 7-22-13 VEHICLE NO:	10 — GENERATOR COMPANY MAN'S NAME: Matt Taylor
CHARGE TO:	SUG — RIG NAME AND NUMBER

TYPE OF MATERIAL

[ ] Production Water [ ] Drilling Fluids [ ] Rinsate

[ ] Tank Bottoms [X] Contaminated Soil [ ] Jet Out

[ ] Solids [ ] BS&W Content: [ ] Call Out

Description: C/D

RRC or API # C-133#

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

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DRIVER: Alejandro Reyes
(SIGNATURE)

FACILITY REPRESENTATIVE: [signature]
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No. 254113

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: Drip Tank #111

TRANSPORTER COMPANY: Triple M | TIME 10:34 AM/PM

DATE: 7-22-13 VEHICLE NO: 05 | GENERATOR COMPANY MAN'S NAME: Matt Taylor

CHARGE TO: SUG | RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: O/D

RRC or API # C-133#

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

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Enrique Carlos
(SIGNATURE)

FACILITY REPRESENTATIVE: D. Sta Cruz
(SIGNATURE)

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

SUNDANCE SERVICES, Inc.

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

TICKET No.: 254083

LEASE OPERATOR/SHIPPER/COMPANY: SLG

LEASE NAME: Drip Tank #111

TRANSPORTER COMPANY: Triple A1 | TIME: 5:19 (AM/PM)

DATE: 4-22-13 VEHICLE NO: 05 | GENERATOR COMPANY MAN'S NAME: Matt Taylor

CHARGE TO: SLG | RIG NAME AND NUMBER

TYPE OF MATERIAL

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

Description: OIL

RRC or API # C-133#

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

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Enrique Carrillo
(SIGNATURE)

FACILITY REPRESENTATIVE: J. Sta Cruz
(SIGNATURE)

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

Appendix C

Laboratory Analytical Reports

Analytical Report 299850

for

Southern Union Gas Services-Jal

Project Manager: Tony Savoie

Drip Tank Battery # 111

BGT-014

21-MAR-08

ENVIRONMENTAL LAB OF

12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:
Houston, TX T104704215

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

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

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

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

21-MAR-08

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

Reference: XENCO Report No: **299850**
Drip Tank Battery # 111
Project Address: Lea, NM

Tony Savoie:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 299850. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 299850 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Brent Barron, II
Odessa Laboratory Manager

Sample Cross Reference 299850

Southern Union Gas Services-Jal, Jal, NM

Drip Tank Battery # 111

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Floor	S	Mar-17-08 13:35		299850-001
North Wall	S	Mar-17-08 14:00		299850-002
East Wall	S	Mar-17-08 14:30		299850-003
South Wall	S	Mar-17-08 15:00		299850-004
West Wall	S	Mar-17-08 15:30		299850-005

Project Id: BGT-014
Contact: Tony Savoie
Project Location: Lea, NM

Project Name: Drip Tank Battery # 111

Date Received in Lab: Tue Mar-18-08 02:20 pm
Report Date: 21-MAR-08
Project Manager: Brent Barron, II

Analysis Requested											
	Lab Id:	299850-001		299850-002		299850-003		299850-004		299850-005	
	Field Id:	Floor		North Wall		East Wall		South Wall		West Wall	
	Depth:										
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-17-08 13:35		Mar-17-08 14:00		Mar-17-08 14:30		Mar-17-08 15:00		Mar-17-08 15:30	
Percent Moisture	*Extracted:*										
	Analyzed:	Mar-18-08 17:00		Mar-18-08 17:00		Mar-18-08 17:00		Mar-18-08 17:00		Mar-18-08 17:00	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		3.63		5.29		5.38		4.19		4.77	
TPH By SW8015 Mod	*Extracted:*	Mar-18-08 15:55		Mar-18-08 15:55		Mar-18-08 15:55		Mar-18-08 15:55		Mar-18-08 15:55	
	Analyzed:	Mar-19-08 17:39		Mar-19-08 18:07		Mar-19-08 18:35		Mar-19-08 19:03		Mar-19-08 19:32	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
C6-C12 Gasoline Range Hydrocarbons		ND	15.6	ND	15.8	ND	15.9	ND	15.7	ND	15.8
C12-C28 Diesel Range Hydrocarbons		17.5	15.6	17.1	15.8	35.6	15.9	ND	15.7	ND	15.8
C28-C35 Oil Range Hydrocarbons		ND	15.6	ND	15.8	ND	15.9	ND	15.7	ND	15.8
Total TPH		17.5		17.1		35.6		ND		ND	
Total Chloride by EPA 9253	*Extracted:*										
	Analyzed:	Mar-20-08 11:30									
	Units/RL:	mg/kg	RL								
Chloride		33.1	5.19								

Brent Barron
Odessa Laboratory Director

Flagging Criteria

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

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

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

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

F RPD exceeded lab control limits.

J The target analyte was positively identified below the MQL(PQL) and above the SQL(MDL).

U Analyte was not detected.

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

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

K Sample analyzed outside of recommended hold time.

* Outside XENCO'S scope of NELAC Accreditation

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
11381 Meadowglen Lane Suite L Houston, Tx 77082-2647	(281) 589-0692	(281) 589-0695
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238	(210) 509-3334	(210) 509-3335
2505 N. Falkenburg Rd., Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
6017 Financial Dr., Norcross, GA 30071	(770) 449-8800	(770) 449-5477

Form 2 - Surrogate Recoveries

Project Name: Drip Tank Battery # 111

Work Order #: 299850 **Project ID:** BGT-014

Lab Batch #: 717653 **Sample:** 299850-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.2	100	97	70-135	
o-Terphenyl	53.0	50.0	106	70-135	

Lab Batch #: 717653 **Sample:** 299850-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.6	100	98	70-135	
o-Terphenyl	53.3	50.0	107	70-135	

Lab Batch #: 717653 **Sample:** 299850-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.2	100	93	70-135	
o-Terphenyl	50.8	50.0	102	70-135	

Lab Batch #: 717653 **Sample:** 299850-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.7	100	95	70-135	
o-Terphenyl	52.3	50.0	105	70-135	

Lab Batch #: 717653 **Sample:** 299850-004 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	107	100	107	70-135	
o-Terphenyl	58.3	50.0	117	70-135	

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: Drip Tank Battery # 111

Work Order #: 299850 **Project ID:** BGT-014

Lab Batch #: 717653 **Sample:** 299850-004 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.7	100	100	70-135	
o-Terphenyl	58.0	50.0	116	70-135	

Lab Batch #: 717653 **Sample:** 299850-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	82.5	100	83	70-135	
o-Terphenyl	43.7	50.0	87	70-135	

Lab Batch #: 717653 **Sample:** 506182-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	103	100	103	70-135	
o-Terphenyl	56.6	50.0	113	70-135	

Lab Batch #: 717653 **Sample:** 506182-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.5	100	100	70-135	
o-Terphenyl	56.9	50.0	114	70-135	

Lab Batch #: 717653 **Sample:** 506182-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	114	100	114	70-135	
o-Terphenyl	62.3	50.0	125	70-135	

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Blank Spike Recovery

Project Name: Drip Tank Battery # 111

Work Order #: 299850 **Project ID:** BGT-014

Lab Batch #: 717655 **Sample:** 717655-1-BKS **Matrix:** Solid

Date Analyzed: 03/20/2008 **Date Prepared:** 03/20/2008 **Analyst:** IRO

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

	BLANK /BLANK SPIKE RECOVERY STUDY					
Total Chloride by EPA 9253 **Analytes**	**Blank Result [A]**	**Spike Added [B]**	**Blank Spike Result [C]**	**Blank Spike %R [D]**	**Control Limits %R**	**Flags**
Chloride	ND	100	86.1	86	75-125	

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

BS / BSD Recoveries

Project Name: Drip Tank Battery # 111

Work Order #: 299850
Analyst: SHE
Lab Batch ID: 717653
Sample: 506182-1-BKS
Units: mg/kg

Date Prepared: 03/18/2008
Batch #: 1

Project ID: BGT-014
Date Analyzed: 03/19/2008
Matrix: Solid

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	ND	1000	839	84	1000	828	83	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	905	91	1000	871	87	4	70-135	35	

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

ENVIRONMENTAL LAB OF

Form 3 - MS / MSD Recoveries

Project Name: Drip Tank Battery # 111

ACCREDITED IN ACCORDANCE WITH nelac

Work Order # : 299850 **Project ID:** BGT-014

Lab Batch ID: 717653 **QC- Sample ID:** 299850-004 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 03/19/2008 **Date Prepared:** 03/18/2008 **Analyst:** SHE

Reporting Units: mg/kg

TPH By SW8015 Mod Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1040	845	81	1040	858	83	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1040	870	84	1040	900	87	4	70-135	35	

Lab Batch ID: 717655 **QC- Sample ID:** 299850-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 03/20/2008 **Date Prepared:** 03/20/2008 **Analyst:** IRO

Reporting Units: mg/kg

Total Chloride by EPA 9253 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
Chloride	33.1	5190	5300	101	5190	5300	101	0	75-125	30	

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

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

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

Sample Duplicate Recovery

Project Name: Drip Tank Battery # 111

Work Order #: 299850

Lab Batch #: 717489 **Project ID:** BGT-014

Date Analyzed: 03/18/2008 **Date Prepared:** 03/18/2008 **Analyst:** RBA

QC- Sample ID: 299835-014 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	1.74	1.53	13	20	

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

Environmental Lab of Texas

a XENCO Laboratory Company

CHAIN OF CUSTODY REC

12600 West I-20 East
Odessa, Texas 79765

Project Manager: Tony Savoie PAGE 1 OF 1 Proje

Company Name Southern Union Gas F

Company Address: SUGS, Jal Pro

City/State/Zip: Jal, New Mexico 88252

Telephone No: (575) 631-9376 Fax No: Report F

Sampler Signature: Troy Hahn e-mail: tony.savoie@sug.com

(lab use only)
ORDER #: 199850

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW = Drinking Water SL = Sludge	GW = Groundwater S = Soil/Soli	NP = Non-Potable Specify Oth	TPH 418.1 8015M 8015M
01	Floor			03/17/08	1335		1	X									S		X
02	North wall			03/17/08	1400		1	X											X
03	East wall			03/17/08	1430		1	X											X
04	South wall			03/17/08	1500		1	X											X
05	West wall			03/17/08	1530		1	X											X

Special Instructions:
Please email copy of results to Kdutton@basinenv.com

Relinquished by:	Date	Time	Received by:	Date	Tir
Troy Hahn	3.18.08	11:60	Linda K. Blackwood	3.18.08	11:
Relinquished by: Linda Blackwood	Date 3/18/08	Time 2230	Received by:	Date	Tir
Relinquished by:	Date	Time	Received by ELOT: Andrea Lam	Date 3.18.08	Tir 2

#1	Temperature of container/ cooler?	Yes	No	2.5 °C	
#2	Shipping container in good condition?	Yes	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
#4	Custody Seals intact on sample bottles/ container?	Yes	No	Not Present	
#5	Chain of Custody present?	Yes	No		
#6	Sample instructions complete of Chain of Custody?	Yes	No		
#7	Chain of Custody signed when relinquished/ received?	Yes	No		
#8	Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	Yes	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	Yes	No		
#11	Containers supplied by ELOT?	Yes	No		
#12	Samples in proper container/ bottle?	Yes	No	See Below	
#13	Samples properly preserved?	Yes	No	See Below	
#14	Sample bottles intact?	Yes	No		
#15	Preservations documented on Chain of Custody?	Yes	No		
#16	Containers documented on Chain of Custody?	Yes	No		
#17	Sufficient sample amount for indicated test(s)?	Yes	No	See Below	
#18	All samples received within sufficient hold time?	Yes	No	See Below	
#19	Subcontract of sample(s)?	Yes	No	~~Not Applicable~~	
#20	VOC samples have zero headspace?	Yes	No	Not Applicable	

Variance Documentation

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

Regarding: _____

_____

Corrective Action Taken:

_____

_____

_____

Check all that Apply:

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

Analytical Report 462288

for

Southern Union Gas Services- Monahans

Project Manager: Ben Arguijo

Drip Tank #111

RP-1820

08-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)

08-MAY-13

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

Reference: XENCO Report No(s): **462288**
Drip Tank #111
Project Address: Lea County, NM

Ben Arguijo:

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) 462288. 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. 462288 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 462288

Southern Union Gas Services- Monahans, Monahans, TX

Drip Tank #111

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-1 @ 10'	S	04-29-13 08:30		462288-001
SB-1 @ 20'	S	04-29-13 08:35		462288-002
SB-1 @ 30'	S	04-29-13 08:45		462288-003
SB-1 @ 40'	S	04-29-13 08:50		462288-004

CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans
Project Name: Drip Tank #111

Project ID:	*RP-1820*	Report Date:	*08-MAY-13*
Work Order Number(s):	*462288*	Date Received:	*04/30/2013*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-912950 Inorganic Anions by EPA 300/300.1
E300

Batch 912950, Chloride recovered above QC limits in the Matrix Spike.
Samples affected are: 462288-003, -001, -002, -004.
The Laboratory Control Sample for Chloride is within laboratory Control Limits

Certificate of Analysis Summary 462288

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: Drip Tank #111

Project Id: RP-1820
Contact: Ben Arguijo
Project Location: Lea County, NM

Date Received in Lab: Tue Apr-30-13 01:35 pm
Report Date: 08-MAY-13
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	462288-001		462288-002		462288-003		462288-004					
	Field Id:	SB-1 @ 10'		SB-1 @ 20'		SB-1 @ 30'		SB-1 @ 40'					
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL					
	Sampled:	Apr-29-13 08:30		Apr-29-13 08:35		Apr-29-13 08:45		Apr-29-13 08:50					
BTEX by EPA 8021B	*Extracted:*	May-06-13 08:00		May-06-13 08:00		May-06-13 08:00		May-06-13 08:00					
	Analyzed:	May-06-13 09:47		May-06-13 10:03		May-06-13 17:55		May-06-13 14:07					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Benzene		ND	0.00108	ND	0.00109	ND	0.00105	ND	0.00106				
Toluene		ND	0.00216	ND	0.00218	ND	0.00210	ND	0.00212				
Ethylbenzene		ND	0.00108	ND	0.00109	0.00152	0.00105	ND	0.00106				
m_p-Xylenes		ND	0.00216	ND	0.00218	0.00305	0.00210	ND	0.00212				
o-Xylene		ND	0.00108	ND	0.00109	ND	0.00105	ND	0.00106				
Total Xylenes		ND	0.00108	ND	0.00109	0.00305	0.00105	ND	0.00106				
Total BTEX		ND	0.00108	ND	0.00109	0.00457	0.00105	ND	0.00106				
Inorganic Anions by EPA 300/300.1	*Extracted:*	May-03-13 11:00		May-03-13 11:00		May-03-13 11:00		May-03-13 11:00					
	Analyzed:	May-03-13 18:08		May-03-13 15:36		May-03-13 16:41		May-03-13 17:03					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Chloride		8.59	4.35	57.3	10.9	64.7	10.4	55.8	4.22				
Percent Moisture	*Extracted:*												
	Analyzed:	May-02-13 14:25		May-02-13 14:25		May-02-13 14:25		May-02-13 14:25					
	Units/RL:	%	RL	%	RL	%	RL	%	RL				
Percent Moisture		8.10	1.00	8.52	1.00	4.00	1.00	5.25	1.00				
TPH By SW8015 Mod	*Extracted:*	May-07-13 14:00		May-07-13 14:00		May-07-13 14:00		May-07-13 14:00					
	Analyzed:	May-08-13 01:37		May-08-13 02:40		May-08-13 03:11		May-08-13 03:42					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		ND	16.3	ND	16.4	ND	15.6	ND	15.8				
C12-C28 Diesel Range Hydrocarbons		16.3	16.3	ND	16.4	ND	15.6	ND	15.8				
C28-C35 Oil Range Hydrocarbons		ND	16.3	ND	16.4	ND	15.6	ND	15.8				
Total TPH		16.3	16.3	ND	16.4	ND	15.6	ND	15.8				

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: Drip Tank #111

Work Orders : 462288, **Project ID:** RP-1820

Lab Batch #: 912992 **Sample:** 462288-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/06/13 09:47

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0348	0.0300	116	80-120	
4-Bromofluorobenzene	0.0317	0.0300	106	80-120	

Lab Batch #: 912992 **Sample:** 462288-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/06/13 10:03

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0288	0.0300	96	80-120	
4-Bromofluorobenzene	0.0302	0.0300	101	80-120	

Lab Batch #: 912992 **Sample:** 462288-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/06/13 14:07

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0277	0.0300	92	80-120	
4-Bromofluorobenzene	0.0267	0.0300	89	80-120	

Lab Batch #: 912992 **Sample:** 462288-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/06/13 17:55

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0297	0.0300	99	80-120	
4-Bromofluorobenzene	0.0300	0.0300	100	80-120	

Lab Batch #: 913125 **Sample:** 462288-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/08/13 01:37

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	108	99.8	108	70-135	
o-Terphenyl	51.3	49.9	103	70-135	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: Drip Tank #111

Work Orders : 462288,

Project ID: RP-1820

Lab Batch #: 913125 **Sample:** 462288-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/08/13 02:40

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	100	106	70-135	
o-Terphenyl	50.3	50.0	101	70-135	

Lab Batch #: 913125 **Sample:** 462288-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/08/13 03:11

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	103	99.7	103	70-135	
o-Terphenyl	47.6	49.9	95	70-135	

Lab Batch #: 913125 **Sample:** 462288-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/08/13 03:42

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	99.5	107	70-135	
o-Terphenyl	49.6	49.8	100	70-135	

Lab Batch #: 912992 **Sample:** 637629-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/06/13 09:30

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0288	0.0300	96	80-120	
4-Bromofluorobenzene	0.0299	0.0300	100	80-120	

Lab Batch #: 913125 **Sample:** 637715-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/07/13 20:33

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	111	100	111	70-135	
o-Terphenyl	52.5	50.1	105	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: Drip Tank #111

Work Orders : 462288,

Project ID: RP-1820

Lab Batch #: 912992 **Sample:** 637629-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/06/13 08:58

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0345	0.0300	115	80-120	
4-Bromofluorobenzene	0.0290	0.0300	97	80-120	

Lab Batch #: 913125 **Sample:** 637715-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/07/13 19:33

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	126	99.9	126	70-135	
o-Terphenyl	52.3	50.0	105	70-135	

Lab Batch #: 912992 **Sample:** 637629-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/06/13 09:14

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0343	0.0300	114	80-120	
4-Bromofluorobenzene	0.0254	0.0300	85	80-120	

Lab Batch #: 913125 **Sample:** 637715-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/07/13 20:03

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	127	99.9	127	70-135	
o-Terphenyl	53.0	50.0	106	70-135	

Lab Batch #: 912992 **Sample:** 462288-003 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/06/13 16:01

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0288	0.0300	96	80-120	
4-Bromofluorobenzene	0.0269	0.0300	90	80-120	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: Drip Tank #111

Work Orders : 462288,

Project ID: RP-1820

Lab Batch #: 913125 **Sample:** 462601-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/08/13 07:16

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	123	99.9	123	70-135	
o-Terphenyl	48.8	50.0	98	70-135	

Lab Batch #: 912992 **Sample:** 462288-003 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/06/13 16:18

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0346	0.0300	115	80-120	
4-Bromofluorobenzene	0.0284	0.0300	95	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: Drip Tank #111

Work Order #: 462288 **Project ID:** RP-1820

Analyst: DYV **Date Prepared:** 05/06/2013 **Date Analyzed:** 05/06/2013

Lab Batch ID: 912992 **Sample:** 637629-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.000994	0.0994	0.0979	98	0.0994	0.0885	89	10	70-130	35	
Toluene	<0.00199	0.0994	0.104	105	0.0994	0.0919	92	12	70-130	35	
Ethylbenzene	<0.000994	0.0994	0.110	111	0.0994	0.0942	95	15	71-129	35	
m_p-Xylenes	<0.00199	0.199	0.200	101	0.199	0.171	86	16	70-135	35	
o-Xylene	<0.000994	0.0994	0.0932	94	0.0994	0.0874	88	6	71-133	35	

Analyst: AMB **Date Prepared:** 05/03/2013 **Date Analyzed:** 05/03/2013

Lab Batch ID: 912950 **Sample:** 637605-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	<2.00	50.0	50.0	100	50.0	51.1	102	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: Drip Tank #111

Work Order #: 462288
Analyst: DYV
Lab Batch ID: 913125 **Sample:** 637715-1-BKS
Units: mg/kg

Date Prepared: 05/07/2013 **Batch #:** 1

Project ID: RP-1820
Date Analyzed: 05/07/2013
Matrix: Solid

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	999	980	98	999	977	98	0	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	999	1090	109	999	1090	109	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: Drip Tank #111

Work Order #: 462288

Lab Batch #: 912950 **Project ID:** RP-1820

Date Analyzed: 05/03/2013 **Date Prepared:** 05/03/2013 **Analyst:** AMB

QC- Sample ID: 462288-001 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

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	8.59	109	124	106	80-120	

Lab Batch #: 912950

Date Analyzed: 05/03/2013 **Date Prepared:** 05/03/2013 **Analyst:** AMB

QC- Sample ID: 462435-001 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

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	574	1000	1880	131	80-120	X

Lab Batch #: 913125

Date Analyzed: 05/08/2013 **Date Prepared:** 05/07/2013 **Analyst:** DYV

QC- Sample ID: 462601-001 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

TPH by SW8015 Mod	MATRIX / MATRIX SPIKE RECOVERY STUDY					
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	999	949	95	70-135	
C12-C28 Diesel Range Hydrocarbons	<15.0	999	1090	109	70-135	

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: Drip Tank #111

Work Order # : 462288 **Project ID:** RP-1820

Lab Batch ID: 912992 **QC- Sample ID:** 462288-003 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 05/06/2013 **Date Prepared:** 05/06/2013 **Analyst:** DYV

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	<0.00105	0.105	0.0850	81	0.103	0.0882	86	4	70-130	35	
Toluene	<0.00209	0.105	0.0851	81	0.103	0.0934	91	9	70-130	35	
Ethylbenzene	0.00152	0.105	0.0888	83	0.103	0.0930	89	5	71-129	35	
m_p-Xylenes	0.00305	0.209	0.168	79	0.206	0.170	81	1	70-135	35	
o-Xylene	<0.00105	0.105	0.0850	81	0.103	0.0849	82	0	71-133	35	

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

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

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

Sample Duplicate Recovery

Project Name: Drip Tank #111

Work Order #: 462288

Lab Batch #: 912810 **Project ID:** RP-1820

Date Analyzed: 05/02/2013 14:25 **Date Prepared:** 05/02/2013 **Analyst:** WRU

QC- Sample ID: 462278-001 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	11.2	10.6	6	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: Ben J. Arguijo; Joel Lowry
Project Name: Drip Tank #111
Company Name: Basin Environmental Service Technologies, LLC
Project #: RP-1820
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 and Rose @ Energy Transfer

(lab use only) ORDER #: 462288

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW = Drinking Water SL = Sludge; GW = Groundwater S = Soil/Soil; NP = Non-Potable Specify Other	Analyze For: TPH: 418.1 8015M	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	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
																	TCLP:								TOTAL:							
01	SB-1 @ 10'			4/29/2013	830		1	X								Soil	X								X			X			X
02	SB-1 @ 20'			4/29/2013	835		1	X								Soil	X								X			X			X
03	SB-1 @ 30'			4/29/2013	845		1	X								Soil	X								X			X			X
04	SB-1 @ 40'			4/29/2013	850		1	X								Soil	X								X			X			X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Joel Lowry	4/30/13	7:10	Josh Smith	4/30/13	7:10
Josh Smith	4/30/13	1:30	[illegible]	4/30/13	135
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Chantel Smith	5-1-13	12:15

Laboratory Comments:
Sample Containers Intact? Y N NA
VOCs Free of Headspace? Y N 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: 1°C 2°C

Final 1.000

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Date/ Time Received: 04/30/2013 01:35:00 PM

Work Order #: 462288

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

Temperature Measuring device used :

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

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

Analyst:	PH Device/Lot#:

Checklist completed by: Kelsey Brooks Date: 05/01/2013

Checklist reviewed by: Kelsey Brooks Date: 05/01/2013

Analytical Report 462289

for

Southern Union Gas Services- Monahans

Project Manager: Ben Arguijo

Drip Tank #111

RP-1820

08-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)

08-MAY-13

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

Reference: XENCO Report No(s): **462289**
Drip Tank #111
Project Address: Lea County, NM

Ben Arguijo:

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) 462289. 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. 462289 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 462289

Southern Union Gas Services- Monahans, Monahans, TX

Drip Tank #111

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-2 @ 10'	S	04-29-13 09:00		462289-001
SB-2 @ 20'	S	04-29-13 09:05		462289-002
SB-2 @ 30'	S	04-29-13 09:10		462289-003
SB-2 @ 40'	S	04-29-13 09:15		462289-004

CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans
Project Name: Drip Tank #111

Project ID:	*RP-1820*	Report Date:	*08-MAY-13*
Work Order Number(s):	*462289*	Date Received:	*05/01/2013*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-912950 Inorganic Anions by EPA 300/300.1
E300

Batch 912950, Chloride recovered above QC limits in the Matrix Spike.
Samples affected are: 462289-001.
The Laboratory Control Sample for Chloride is within laboratory Control Limits

Certificate of Analysis Summary 462289

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: Drip Tank #111

Project Id: RP-1820
Contact: Ben Arguijo
Project Location: Lea County, NM

Date Received in Lab: Wed May-01-13 01:35 pm
Report Date: 08-MAY-13
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	462289-001		462289-002		462289-003		462289-004					
	Field Id:	SB-2 @ 10'		SB-2 @ 20'		SB-2 @ 30'		SB-2 @ 40'					
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL					
	Sampled:	Apr-29-13 09:00		Apr-29-13 09:05		Apr-29-13 09:10		Apr-29-13 09:15					
BTEX by EPA 8021B	*Extracted:*	May-07-13 08:00		May-07-13 08:00		May-07-13 08:00		May-07-13 08:00					
	Analyzed:	May-07-13 13:38		May-07-13 13:55		May-07-13 14:11		May-07-13 15:17					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Benzene		ND	0.00106	ND	0.00106	ND	0.00103	ND	0.00104				
Toluene		ND	0.00213	ND	0.00212	ND	0.00207	ND	0.00208				
Ethylbenzene		ND	0.00106	ND	0.00106	ND	0.00103	ND	0.00104				
m_p-Xylenes		ND	0.00213	ND	0.00212	ND	0.00207	ND	0.00208				
o-Xylene		ND	0.00106	ND	0.00106	ND	0.00103	ND	0.00104				
Total Xylenes		ND	0.00106	ND	0.00106	ND	0.00103	ND	0.00104				
Total BTEX		ND	0.00106	ND	0.00106	ND	0.00103	ND	0.00104				
Inorganic Anions by EPA 300/300.1	*Extracted:*	May-03-13 11:00		May-03-13 11:00		May-03-13 11:00		May-03-13 11:00					
	Analyzed:	May-03-13 19:56		May-04-13 00:38		May-04-13 01:00		May-04-13 01:22					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Chloride		911	21.3	55.4	4.25	44.5	4.15	48.7	4.16				
Percent Moisture	*Extracted:*												
	Analyzed:	May-02-13 14:25		May-02-13 14:25		May-02-13 14:25		May-02-13 14:25					
	Units/RL:	%	RL	%	RL	%	RL	%	RL				
Percent Moisture		5.95	1.00	5.98	1.00	3.58	1.00	3.88	1.00				
TPH By SW8015 Mod	*Extracted:*	May-07-13 14:00		May-07-13 14:00		May-07-13 14:00		May-07-13 14:00					
	Analyzed:	May-08-13 05:12		May-08-13 05:42		May-08-13 06:13		May-08-13 06:45					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		ND	16.0	ND	16.0	ND	15.5	ND	15.6				
C12-C28 Diesel Range Hydrocarbons		48.8	16.0	27.6	16.0	18.0	15.5	19.9	15.6				
C28-C35 Oil Range Hydrocarbons		ND	16.0	ND	16.0	ND	15.5	ND	15.6				
Total TPH		48.8	16.0	27.6	16.0	18.0	15.5	19.9	15.6				

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: Drip Tank #111

Work Orders : 462289,

Project ID: RP-1820

Lab Batch #: 913084 **Sample:** 462289-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/07/13 13:38

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0293	0.0300	98	80-120	
4-Bromofluorobenzene	0.0265	0.0300	88	80-120	

Lab Batch #: 913084 **Sample:** 462289-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/07/13 13:55

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0263	0.0300	88	80-120	
4-Bromofluorobenzene	0.0278	0.0300	93	80-120	

Lab Batch #: 913084 **Sample:** 462289-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/07/13 14:11

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0262	0.0300	87	80-120	
4-Bromofluorobenzene	0.0271	0.0300	90	80-120	

Lab Batch #: 913084 **Sample:** 462289-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/07/13 15:17

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0273	0.0300	91	80-120	
4-Bromofluorobenzene	0.0260	0.0300	87	80-120	

Lab Batch #: 913125 **Sample:** 462289-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/08/13 05:12

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	113	100	113	70-135	
o-Terphenyl	54.8	50.1	109	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: Drip Tank #111

Work Orders : 462289,

Project ID: RP-1820

Lab Batch #: 913125 **Sample:** 462289-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/08/13 05:42

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	115	100	115	70-135	
o-Terphenyl	54.5	50.0	109	70-135	

Lab Batch #: 913125 **Sample:** 462289-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/08/13 06:13

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	99.9	106	70-135	
o-Terphenyl	49.1	50.0	98	70-135	

Lab Batch #: 913125 **Sample:** 462289-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/08/13 06:45

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	104	99.8	104	70-135	
o-Terphenyl	48.4	49.9	97	70-135	

Lab Batch #: 913084 **Sample:** 637682-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/07/13 13:22

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0291	0.0300	97	80-120	
4-Bromofluorobenzene	0.0304	0.0300	101	80-120	

Lab Batch #: 913125 **Sample:** 637715-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/07/13 20:33

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	111	100	111	70-135	
o-Terphenyl	52.5	50.1	105	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: Drip Tank #111

Work Orders : 462289, **Project ID:** RP-1820

Lab Batch #: 913084 **Sample:** 637682-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/07/13 12:49

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0322	0.0300	107	80-120	
4-Bromofluorobenzene	0.0325	0.0300	108	80-120	

Lab Batch #: 913125 **Sample:** 637715-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/07/13 19:33

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	126	99.9	126	70-135	
o-Terphenyl	52.3	50.0	105	70-135	

Lab Batch #: 913084 **Sample:** 637682-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

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

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0299	0.0300	100	80-120	
4-Bromofluorobenzene	0.0335	0.0300	112	80-120	

Lab Batch #: 913125 **Sample:** 637715-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/07/13 20:03

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	127	99.9	127	70-135	
o-Terphenyl	53.0	50.0	106	70-135	

Lab Batch #: 913084 **Sample:** 462289-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/07/13 14:44

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0339	0.0300	113	80-120	
4-Bromofluorobenzene	0.0354	0.0300	118	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: Drip Tank #111

Work Orders : 462289,

Project ID: RP-1820

Lab Batch #: 913125 **Sample:** 462601-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/08/13 07:16

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	123	99.9	123	70-135	
o-Terphenyl	48.8	50.0	98	70-135	

Lab Batch #: 913084 **Sample:** 462289-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/07/13 15:00

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0343	0.0300	114	80-120	
4-Bromofluorobenzene	0.0286	0.0300	95	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: Drip Tank #111

Work Order #: 462289 **Project ID:** RP-1820

Analyst: DYV **Date Prepared:** 05/07/2013 **Date Analyzed:** 05/07/2013

Lab Batch ID: 913084 **Sample:** 637682-1-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	0.108	108	0.0990	0.102	103	6	70-130	35	
Toluene	<0.00200	0.100	0.110	110	0.0990	0.107	108	3	70-130	35	
Ethylbenzene	<0.00100	0.100	0.113	113	0.0990	0.114	115	1	71-129	35	
m_p-Xylenes	<0.00200	0.200	0.207	104	0.198	0.211	107	2	70-135	35	
o-Xylene	<0.00100	0.100	0.102	102	0.0990	0.111	112	8	71-133	35	

Analyst: AMB **Date Prepared:** 05/03/2013 **Date Analyzed:** 05/03/2013

Lab Batch ID: 912950 **Sample:** 637605-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	<2.00	50.0	50.0	100	50.0	51.1	102	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: Drip Tank #111

Work Order #: 462289 **Project ID:** RP-1820

Analyst: AMB **Date Prepared:** 05/03/2013 **Date Analyzed:** 05/03/2013

Lab Batch ID: 912955 **Sample:** 637612-1-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	51.4	103	50.0	52.7	105	2	80-120	20	

Analyst: DYV **Date Prepared:** 05/07/2013 **Date Analyzed:** 05/07/2013

Lab Batch ID: 913125 **Sample:** 637715-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	999	980	98	999	977	98	0	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	999	1090	109	999	1090	109	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: Drip Tank #111

Work Order #: 462289

Lab Batch #: 912950 **Project ID:** RP-1820

Date Analyzed: 05/03/2013 **Date Prepared:** 05/03/2013 **Analyst:** AMB

QC- Sample ID: 462288-001 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

Inorganic Anions by EPA 300 / Analytes	MATRIX / MATRIX SPIKE RECOVERY STUDY					
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	8.59	109	124	106	80-120	

Lab Batch #: 912950

Date Analyzed: 05/03/2013 **Date Prepared:** 05/03/2013 **Analyst:** AMB

QC- Sample ID: 462435-001 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

Inorganic Anions by EPA 300 / Analytes	MATRIX / MATRIX SPIKE RECOVERY STUDY					
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	574	1000	1880	131	80-120	X

Lab Batch #: 912955

Date Analyzed: 05/04/2013 **Date Prepared:** 05/03/2013 **Analyst:** AMB

QC- Sample ID: 462290-007 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

Inorganic Anions by EPA 300 / Analytes	MATRIX / MATRIX SPIKE RECOVERY STUDY					
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	184	112	296	100	80-120	

Lab Batch #: 913125

Date Analyzed: 05/08/2013 **Date Prepared:** 05/07/2013 **Analyst:** DYV

QC- Sample ID: 462601-001 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

TPH by SW8015 Mod / Analytes	MATRIX / MATRIX SPIKE RECOVERY STUDY					
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	999	949	95	70-135	
C12-C28 Diesel Range Hydrocarbons	<15.0	999	1090	109	70-135	

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: Drip Tank #111

Work Order # : 462289 **Project ID:** RP-1820

Lab Batch ID: 913084 **QC- Sample ID:** 462289-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 05/07/2013 **Date Prepared:** 05/07/2013 **Analyst:** DYV

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	<0.00106	0.106	0.0937	88	0.107	0.0916	86	2	70-130	35	
Toluene	<0.00212	0.106	0.0962	91	0.107	0.0950	89	1	70-130	35	
Ethylbenzene	<0.00106	0.106	0.0962	91	0.107	0.0936	87	3	71-129	35	
m_p-Xylenes	<0.00212	0.212	0.174	82	0.213	0.177	83	2	70-135	35	
o-Xylene	<0.00106	0.106	0.0901	85	0.107	0.0882	82	2	71-133	35	

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

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

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

Sample Duplicate Recovery

Project Name: Drip Tank #111

Work Order #: 462289

Lab Batch #: 912810 **Project ID:** RP-1820

Date Analyzed: 05/02/2013 14:25 **Date Prepared:** 05/02/2013 **Analyst:** WRU

QC- Sample ID: 462278-001 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	11.2	10.6	6	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: Ben J. Arguijo; Joel Lowry

Project Name: Drip Tank #111

Company Name: Basin Environmental Service Technologies, LLC

Project #: RP-1820

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 and Rose @ Energy Transfer

(lab use only) ORDER #: 462289

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 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	TOTAL: 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	SB-2 @ 10'			4/29/2013	900		1	X								Soil	X								X			X				X
02	SB-2 @ 20'			4/29/2013	905		1	X								Soil	X								X			X				X
03	SB-2 @ 30'			4/29/2013	910		1	X								Soil	X								X			X				X
04	SB-2 @ 40'			4/29/2013	915		1	X								Soil	X								X			X				X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Joel Lowry	4/30	7:10	Wesh Smith	4/30	7:10
Wesh Smith	4/30	1:30			135
			Received by ELOT: Maurell Smith	5-1-13	1215

Laboratory Comments:

Sample Containers Intact? Y N

VOCs Free of Headspace? Y N 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: 11.0 °C

Final 1.000

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Date/ Time Received: 05/01/2013 01:35:00 PM

Work Order #: 462289

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

Temperature Measuring device used :

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

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

Analyst:	PH Device/Lot#:

Checklist completed by: Kelsey Brooks Date: 05/01/2013

Checklist reviewed by: Kelsey Brooks Date: 05/01/2013

Analytical Report 462290

for

Southern Union Gas Services- Monahans

Project Manager: Ben Arguijo

Drip Tank #111

RP-1820

09-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)

09-MAY-13

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

Reference: XENCO Report No(s): **462290**
Drip Tank #111
Project Address: Lea County, NM

Ben Arguijo:

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) 462290. 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. 462290 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 462290

Southern Union Gas Services- Monahans, Monahans, TX

Drip Tank #111

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-3 @ 10'	S	04-29-13 10:00		462290-001
SB-3 @ 20'	S	04-29-13 10:10		462290-002
SB-3 @ 30'	S	04-29-13 10:20		462290-003
SB-3 @ 40'	S	04-29-13 10:30		462290-004
SB-3 @ 50'	S	04-29-13 10:40		462290-005
SB-3 @ 60'	S	04-29-13 10:50		462290-006
SB-3 @ 70'	S	04-29-13 11:00		462290-007
SB-3 @ 80'	S	04-29-13 11:10		462290-008
SB-3 @ 90'	S	04-29-13 11:20		462290-009
SB-3 @ 100'	S	04-29-13 11:30		462290-010

CASE NARRATIVE

Client Name: Southern Union Gas Services- Monahans
Project Name: Drip Tank #111

Project ID:	*RP-1820*	Report Date:	*09-MAY-13*
Work Order Number(s):	*462290*	Date Received:	*04/30/2013*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-912950 Inorganic Anions by EPA 300/300.1
E300

Batch 912950, Chloride recovered above QC limits in the Matrix Spike.
Samples affected are: 462290-009, -006, -010, -005, -008, -003, -002, -004, -001.
The Laboratory Control Sample for Chloride is within laboratory Control Limits

Certificate of Analysis Summary 462290

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: Drip Tank #111

Project Id: RP-1820
Contact: Ben Arguijo
Project Location: Lea County, NM

Date Received in Lab: Tue Apr-30-13 01:35 pm
Report Date: 09-MAY-13
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	462290-001		462290-002		462290-003		462290-004		462290-005		462290-006	
	Field Id:	SB-3 @ 10'		SB-3 @ 20'		SB-3 @ 30'		SB-3 @ 40'		SB-3 @ 50'		SB-3 @ 60'	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Apr-29-13 10:00		Apr-29-13 10:10		Apr-29-13 10:20		Apr-29-13 10:30		Apr-29-13 10:40		Apr-29-13 10:50	
BTEX by EPA 8021B	***Extracted:***	May-06-13 08:00		May-06-13 08:00		May-06-13 08:00		May-06-13 08:00		May-06-13 08:00		May-06-13 08:00	
	Analyzed:	May-06-13 10:52		May-06-13 14:40		May-06-13 11:25		May-06-13 11:41		May-06-13 17:23		May-06-13 13:02	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		ND	0.00106	ND	0.00109	ND	0.00106	ND	0.00106	ND	0.00120	ND	0.00112
Toluene		0.00384	0.00213	ND	0.00217	ND	0.00212	ND	0.00211	ND	0.00240	0.00402	0.00224
Ethylbenzene		0.0124	0.00106	0.00843	0.00109	0.0145	0.00106	0.00592	0.00106	0.00879	0.00120	0.00424	0.00112
m_p-Xylenes		0.0179	0.00213	0.0287	0.00217	0.0256	0.00212	0.0204	0.00211	0.0267	0.00240	0.0219	0.00224
o-Xylene		0.0120	0.00106	0.00597	0.00109	0.00898	0.00106	0.00519	0.00106	0.00516	0.00120	0.00691	0.00112
Total Xylenes		0.0299	0.00106	0.0347	0.00109	0.0346	0.00106	0.0256	0.00106	0.0319	0.00120	0.0288	0.00112
Total BTEX		0.0461	0.00106	0.0431	0.00109	0.0491	0.00106	0.0315	0.00106	0.0407	0.00120	0.0371	0.00112
Inorganic Anions by EPA 300/300.1	***Extracted:***	May-03-13 11:00		May-03-13 11:00		May-03-13 11:00		May-03-13 11:00		May-03-13 11:00		May-03-13 11:00	
	Analyzed:	May-03-13 17:25		May-03-13 17:46		May-03-13 15:14		May-03-13 18:51		May-03-13 19:13		May-03-13 19:35	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		267	21.3	110	10.8	245	21.1	156	10.5	55.0	4.80	145	4.50
Percent Moisture	***Extracted:***												
	Analyzed:	May-02-13 14:25		May-02-13 14:25		May-02-13 14:25		May-02-13 14:25		May-02-13 14:43		May-02-13 14:43	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		6.30	1.00	7.80	1.00	5.30	1.00	4.63	1.00	16.7	1.00	11.2	1.00
TPH By SW8015 Mod	***Extracted:***	May-08-13 13:00		May-08-13 13:00		May-08-13 13:00		May-08-13 13:00		May-08-13 13:00		May-08-13 13:00	
	Analyzed:	May-08-13 20:42		May-09-13 04:17		May-09-13 04:48		May-09-13 05:18		May-09-13 05:49		May-09-13 06:20	
	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		423	79.6	296	16.3	496	15.8	421	15.7	607	17.9	491	16.8
C12-C28 Diesel Range Hydrocarbons		7980	79.6	4120	16.3	3660	15.8	2910	15.7	2720	17.9	2730	16.8
C28-C35 Oil Range Hydrocarbons		187	79.6	52.2	16.3	61.3	15.8	46.2	15.7	57.8	17.9	56.3	16.8
Total TPH		8590	79.6	4470	16.3	4220	15.8	3380	15.7	3380	17.9	3280	16.8

Kelsey Brooks
Project Manager

Certificate of Analysis Summary 462290

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: Drip Tank #111

Project Id: RP-1820
Contact: Ben Arguijo
Project Location: Lea County, NM

Date Received in Lab: Tue Apr-30-13 01:35 pm
Report Date: 09-MAY-13
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	462290-007		462290-008		462290-009		462290-010					
	Field Id:	SB-3 @ 70'		SB-3 @ 80'		SB-3 @ 90'		SB-3 @ 100'					
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL					
	Sampled:	Apr-29-13 11:00		Apr-29-13 11:10		Apr-29-13 11:20		Apr-29-13 11:30					
BTEX by EPA 8021B	*Extracted:*	May-06-13 08:00		May-03-13 10:00		May-03-13 10:00		May-03-13 10:00					
	Analyzed:	May-06-13 14:23		May-03-13 20:12		May-03-13 20:28		May-03-13 21:01					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Benzene		ND	0.00111	ND	0.00108	ND	0.00107	ND	0.00105				
Toluene		ND	0.00222	ND	0.00215	ND	0.00214	ND	0.00210				
Ethylbenzene		*0.00185*	*0.00111*	ND	*0.00108*	ND	*0.00107*	ND	*0.00105*				
m_p-Xylenes		0.00327	0.00222	ND	0.00215	ND	0.00214	ND	0.00210				
o-Xylene		0.00438	0.00111	ND	0.00108	ND	0.00107	ND	0.00105				
Total Xylenes		0.00765	0.00111	ND	0.00108	ND	0.00107	ND	0.00105				
Total BTEX		*0.00950*	*0.00111*	ND	*0.00108*	ND	*0.00107*	ND	*0.00105*				
Inorganic Anions by EPA 300/300.1	*Extracted:*	May-03-13 11:00		May-03-13 11:00		May-03-13 11:00		May-03-13 11:00					
	Analyzed:	May-03-13 23:55		May-03-13 21:01		May-03-13 21:23		May-03-13 21:45					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Chloride		184	4.49	66.5	4.31	80.5	4.30	47.0	4.23				
Percent Moisture	*Extracted:*												
	Analyzed:	May-02-13 14:43		May-02-13 14:43		May-02-13 14:43		May-02-13 14:50					
	Units/RL:	%	RL	%	RL	%	RL	%	RL				
Percent Moisture		10.9	1.00	7.12	1.00	6.90	1.00	5.47	1.00				
TPH By SW8015 Mod	*Extracted:*	May-08-13 13:00		May-08-13 13:00		May-08-13 13:00		May-08-13 13:00					
	Analyzed:	May-08-13 21:12		May-08-13 15:38		May-08-13 16:08		May-08-13 16:39					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		95.4	16.8	ND	16.1	ND	16.0	ND	15.9				
C12-C28 Diesel Range Hydrocarbons		1190	16.8	183	16.1	99.7	16.0	130	15.9				
C28-C35 Oil Range Hydrocarbons		36.5	16.8	ND	16.1	ND	16.0	ND	15.9				
Total TPH		1320	16.8	183	16.1	99.7	16.0	130	15.9				

Kelsey Brooks
Project Manager

Flagging Criteria

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

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

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

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

F RPD exceeded lab control limits.

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

U Analyte was not detected.

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

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

K Sample analyzed outside of recommended hold time.

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

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

\+ NELAC certification not offered for this compound.

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

Form 2 - Surrogate Recoveries

Project Name: Drip Tank #111

Work Orders : 462290,

Project ID: RP-1820

Lab Batch #: 912898 **Sample:** 462290-008 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/03/13 20:12

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0259	0.0300	86	80-120	
4-Bromofluorobenzene	0.0310	0.0300	103	80-120	

Lab Batch #: 912898 **Sample:** 462290-009 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/03/13 20:28

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0269	0.0300	90	80-120	
4-Bromofluorobenzene	0.0261	0.0300	87	80-120	

Lab Batch #: 912898 **Sample:** 462290-010 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/03/13 21:01

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0269	0.0300	90	80-120	
4-Bromofluorobenzene	0.0247	0.0300	82	80-120	

Lab Batch #: 912992 **Sample:** 462290-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/06/13 10:52

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0244	0.0300	81	80-120	
4-Bromofluorobenzene	0.0355	0.0300	118	80-120	

Lab Batch #: 912992 **Sample:** 462290-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/06/13 11:25

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0245	0.0300	82	80-120	
4-Bromofluorobenzene	0.0353	0.0300	118	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: Drip Tank #111

Work Orders : 462290, **Project ID:** RP-1820

Lab Batch #: 912992 **Sample:** 462290-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/06/13 11:41

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0243	0.0300	81	80-120	
4-Bromofluorobenzene	0.0348	0.0300	116	80-120	

Lab Batch #: 912992 **Sample:** 462290-006 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/06/13 13:02

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0287	0.0300	96	80-120	
4-Bromofluorobenzene	0.0340	0.0300	113	80-120	

Lab Batch #: 912992 **Sample:** 462290-007 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/06/13 14:23

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0264	0.0300	88	80-120	
4-Bromofluorobenzene	0.0273	0.0300	91	80-120	

Lab Batch #: 912992 **Sample:** 462290-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/06/13 14:40

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0254	0.0300	85	80-120	
4-Bromofluorobenzene	0.0300	0.0300	100	80-120	

Lab Batch #: 912992 **Sample:** 462290-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/06/13 17:23

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	0.0351	0.0300	117	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: Drip Tank #111

Work Orders : 462290,

Project ID: RP-1820

Lab Batch #: 913249 **Sample:** 462290-008 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/08/13 15:38

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	110	99.6	110	70-135	
o-Terphenyl	53.2	49.8	107	70-135	

Lab Batch #: 913249 **Sample:** 462290-009 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/08/13 16:08

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	111	99.6	111	70-135	
o-Terphenyl	53.0	49.8	106	70-135	

Lab Batch #: 913249 **Sample:** 462290-010 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/08/13 16:39

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	100	106	70-135	
o-Terphenyl	49.8	50.0	100	70-135	

Lab Batch #: 913249 **Sample:** 462290-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/08/13 20:42

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	117	99.5	118	70-135	
o-Terphenyl	56.1	49.8	113	70-135	

Lab Batch #: 913249 **Sample:** 462290-007 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/08/13 21:12

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	114	100	114	70-135	
o-Terphenyl	56.2	50.0	112	70-135	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: Drip Tank #111

Work Orders : 462290,

Project ID: RP-1820

Lab Batch #: 913249 **Sample:** 462290-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/09/13 04:17

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	117	100	117	70-135	
o-Terphenyl	54.8	50.0	110	70-135	

Lab Batch #: 913249 **Sample:** 462290-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/09/13 04:48

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	116	99.8	116	70-135	
o-Terphenyl	52.9	49.9	106	70-135	

Lab Batch #: 913249 **Sample:** 462290-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/09/13 05:18

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	118	99.9	118	70-135	
o-Terphenyl	54.2	50.0	108	70-135	

Lab Batch #: 913249 **Sample:** 462290-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/09/13 05:49

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	119	99.7	119	70-135	
o-Terphenyl	54.4	49.9	109	70-135	

Lab Batch #: 913249 **Sample:** 462290-006 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/09/13 06:20

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	115	99.6	115	70-135	
o-Terphenyl	54.5	49.8	109	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: Drip Tank #111

Work Orders : 462290, **Project ID:** RP-1820

Lab Batch #: 912898 **Sample:** 637565-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/03/13 17:45

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0286	0.0300	95	80-120	
4-Bromofluorobenzene	0.0265	0.0300	88	80-120	

Lab Batch #: 912992 **Sample:** 637629-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/06/13 09:30

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0288	0.0300	96	80-120	
4-Bromofluorobenzene	0.0299	0.0300	100	80-120	

Lab Batch #: 913249 **Sample:** 637796-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/08/13 15:08

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	108	99.7	108	70-135	
o-Terphenyl	50.9	49.9	102	70-135	

Lab Batch #: 912898 **Sample:** 637565-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/03/13 16:23

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0355	0.0300	118	80-120	
4-Bromofluorobenzene	0.0311	0.0300	104	80-120	

Lab Batch #: 912992 **Sample:** 637629-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/06/13 08:58

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0345	0.0300	115	80-120	
4-Bromofluorobenzene	0.0290	0.0300	97	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: Drip Tank #111

Work Orders : 462290, **Project ID:** RP-1820

Lab Batch #: 913249 **Sample:** 637796-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/08/13 14:06

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	120	99.6	120	70-135	
o-Terphenyl	50.5	49.8	101	70-135	

Lab Batch #: 912898 **Sample:** 637565-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/03/13 16:40

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	0.0277	0.0300	92	80-120	

Lab Batch #: 912992 **Sample:** 637629-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/06/13 09:14

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0343	0.0300	114	80-120	
4-Bromofluorobenzene	0.0254	0.0300	85	80-120	

Lab Batch #: 913249 **Sample:** 637796-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 05/08/13 14:37

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	120	100	120	70-135	
o-Terphenyl	48.0	50.0	96	70-135	

Lab Batch #: 912898 **Sample:** 462435-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/03/13 18:18

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0338	0.0300	113	80-120	
4-Bromofluorobenzene	0.0326	0.0300	109	80-120	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: Drip Tank #111

Work Orders : 462290,

Project ID: RP-1820

Lab Batch #: 912992 **Sample:** 462288-003 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/06/13 16:01

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0288	0.0300	96	80-120	
4-Bromofluorobenzene	0.0269	0.0300	90	80-120	

Lab Batch #: 913249 **Sample:** 462447-005 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/09/13 00:15

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	118	99.7	118	70-135	
o-Terphenyl	45.5	49.9	91	70-135	

Lab Batch #: 912992 **Sample:** 462288-003 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/06/13 16:18

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0346	0.0300	115	80-120	
4-Bromofluorobenzene	0.0284	0.0300	95	80-120	

Lab Batch #: 913249 **Sample:** 462447-005 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 05/09/13 00:46

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	125	99.7	125	70-135	
o-Terphenyl	49.3	49.9	99	70-135	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

BS / BSD Recoveries

Project Name: Drip Tank #111

Work Order #: 462290 **Project ID:** RP-1820

Analyst: DYV **Date Prepared:** 05/03/2013 **Date Analyzed:** 05/03/2013

Lab Batch ID: 912898 **Sample:** 637565-1-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	<0.000989	0.0989	0.0966	98	0.0994	0.0825	83	16	70-130	35	
Toluene	<0.00198	0.0989	0.0919	93	0.0994	0.0830	84	10	70-130	35	
Ethylbenzene	<0.000989	0.0989	0.0951	96	0.0994	0.0884	89	7	71-129	35	
m_p-Xylenes	<0.00198	0.198	0.183	92	0.199	0.161	81	13	70-135	35	
o-Xylene	<0.000989	0.0989	0.0890	90	0.0994	0.0814	82	9	71-133	35	

Analyst: DYV **Date Prepared:** 05/06/2013 **Date Analyzed:** 05/06/2013

Lab Batch ID: 912992 **Sample:** 637629-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.000994	0.0994	0.0979	98	0.0994	0.0885	89	10	70-130	35	
Toluene	<0.00199	0.0994	0.104	105	0.0994	0.0919	92	12	70-130	35	
Ethylbenzene	<0.000994	0.0994	0.110	111	0.0994	0.0942	95	15	71-129	35	
m_p-Xylenes	<0.00199	0.199	0.200	101	0.199	0.171	86	16	70-135	35	
o-Xylene	<0.000994	0.0994	0.0932	94	0.0994	0.0874	88	6	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: Drip Tank #111

Work Order #: 462290 **Project ID:** RP-1820

Analyst: AMB **Date Prepared:** 05/03/2013 **Date Analyzed:** 05/03/2013

Lab Batch ID: 912950 **Sample:** 637605-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	<2.00	50.0	50.0	100	50.0	51.1	102	2	80-120	20	

Analyst: AMB **Date Prepared:** 05/03/2013 **Date Analyzed:** 05/03/2013

Lab Batch ID: 912955 **Sample:** 637612-1-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	51.4	103	50.0	52.7	105	2	80-120	20	

Analyst: DYV **Date Prepared:** 05/08/2013 **Date Analyzed:** 05/08/2013

Lab Batch ID: 913249 **Sample:** 637796-1-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	<14.9	996	950	95	1000	948	95	0	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<14.9	996	1070	107	1000	1080	108	1	70-135	35	

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

Final 1.000

Form 3 - MS Recoveries

Project Name: Drip Tank #111

Work Order #: 462290

Lab Batch #: 912898 **Project ID:** RP-1820

Date Analyzed: 05/03/2013 **Date Prepared:** 05/03/2013 **Analyst:** DYV

QC- Sample ID: 462435-001 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

BTEX by EPA 8021B Analytes	MATRIX / MATRIX SPIKE RECOVERY STUDY Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Benzene	<0.00104	0.104	0.104	100	70-130	
Toluene	<0.00208	0.104	0.0948	91	70-130	
Ethylbenzene	0.00253	0.104	0.0913	85	71-129	
m_p-Xylenes	0.00979	0.208	0.167	76	70-135	
o-Xylene	0.00616	0.104	0.0954	86	71-133	

Lab Batch #: 912950

Date Analyzed: 05/03/2013 **Date Prepared:** 05/03/2013 **Analyst:** AMB

QC- Sample ID: 462288-001 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

Inorganic Anions by EPA 300 Analytes	MATRIX / MATRIX SPIKE RECOVERY STUDY Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	8.59	109	124	106	80-120	

Lab Batch #: 912950

Date Analyzed: 05/03/2013 **Date Prepared:** 05/03/2013 **Analyst:** AMB

QC- Sample ID: 462435-001 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

Inorganic Anions by EPA 300 Analytes	MATRIX / MATRIX SPIKE RECOVERY STUDY Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	574	1000	1880	131	80-120	X

Lab Batch #: 912955

Date Analyzed: 05/04/2013 **Date Prepared:** 05/03/2013 **Analyst:** AMB

QC- Sample ID: 462290-007 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

Inorganic Anions by EPA 300 Analytes	MATRIX / MATRIX SPIKE RECOVERY STUDY Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	184	112	296	100	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: Drip Tank #111

Work Order # : 462290 **Project ID:** RP-1820

Lab Batch ID: 912992 **QC- Sample ID:** 462288-003 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 05/06/2013 **Date Prepared:** 05/06/2013 **Analyst:** DYV

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	<0.00105	0.105	0.0850	81	0.103	0.0882	86	4	70-130	35	
Toluene	<0.00209	0.105	0.0851	81	0.103	0.0934	91	9	70-130	35	
Ethylbenzene	0.00152	0.105	0.0888	83	0.103	0.0930	89	5	71-129	35	
m_p-Xylenes	0.00305	0.209	0.168	79	0.206	0.170	81	1	70-135	35	
o-Xylene	<0.00105	0.105	0.0850	81	0.103	0.0849	82	0	71-133	35	

Lab Batch ID: 913249 **QC- Sample ID:** 462447-005 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 05/09/2013 **Date Prepared:** 05/08/2013 **Analyst:** DYV

Reporting Units: mg/kg

TPH By SW8015 Mod Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.6	1040	989	95	1040	1000	96	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.6	1040	1150	111	1040	1180	113	3	70-135	35	

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

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

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

Sample Duplicate Recovery

Project Name: Drip Tank #111

Work Order #: 462290

Lab Batch #: 912810 **Project ID:** RP-1820

Date Analyzed: 05/02/2013 14:25 **Date Prepared:** 05/02/2013 **Analyst:** WRU

QC- Sample ID: 462278-001 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	11.2	10.6	6	20	

Lab Batch #: 912818

Date Analyzed: 05/02/2013 14:50 **Date Prepared:** 05/02/2013 **Analyst:** WRU

QC- Sample ID: 462290-010 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	5.47	5.90	8	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: Ben J. Arguijo; Joel Lowry
Project Name: Drip Tank #111
Company Name: Basin Environmental Service Technologies, LLC
Project #: RP-1820
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 and Rose @ Energy Transfer

(lab use only)
ORDER #: 462290

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/Sol NP = Non-Potable Specify Othe	Analyze For: TPH: 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260 (TOTAL: X)	RCI	N.O.R.M.	CHLORIDES (TCLP:)	Total Dissolved Solids	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT 4 DAY
	SB-3 @ 10'			4/29/2013	1000		1	X								Soil	X								X			X			X
	SB-3 @ 20'			4/29/2013	1010		1	X								Soil	X								X			X			X
	SB-3 @ 30'			4/29/2013	1020		1	X								Soil	X								X			X			X
	SB-3 @ 40'			4/29/2013	1030		1	X								Soil	X								X			X			X
	SB-3 @ 50'			4/29/2013	1040		1	X								Soil	X								X			X			X
	SB-3 @ 60'			4/29/2013	1050		1	X								Soil	X								X			X			X
	SB-3 @ 70'			4/29/2013	1100		1	X								Soil	X								X			X			X
	SB-3 @ 80'			4/29/2013	1110		1	X								Soil	X								X			X			X
	SB-3 @ 90'			4/29/2013	1120		1	X								Soil	X								X			X			X
	SB-3 @ 100'			4/29/2013	1130		1	X								Soil	X								X			X			X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Joel Lowry	4/30/13	2:10	Rosh Smith	4/30/13	2:10
Rosh Smith	4/30/13	1:30		4/30/13	135
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Shannon Smith	5-1-13	12:15

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: 1.0 °C

Final 1.000

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Southern Union Gas Services- Monahan

Date/ Time Received: 04/30/2013 01:35:00 PM

Work Order #: 462290

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

Temperature Measuring device used :

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

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

Analyst:	PH Device/Lot#:

Checklist completed by: Kelsey Brooks Date: 05/01/2013

Checklist reviewed by: Kelsey Brooks Date: 05/01/2013

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 05, 2013

JOEL LOWRY

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: DRIP TANK #111

Enclosed are the results of analyses for samples received by the laboratory on 06/24/13 8:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	06/24/2013	Sampling Date:	06/21/2013
Reported:	07/05/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: SOUTH FLOOR #1 @ 11' (H301446-01)

Chloride, SM4500Cl-B mg/kg **Analyzed By: DW**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	06/24/2013	ND	432	108	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/25/2013	ND	203	101	200	3.07	
DRO >C10-C28	**2380**	50.0	06/25/2013	ND	208	104	200	5.24	
EXT DRO >C28-C35	**449**	50.0	06/25/2013	ND					

Surrogate: 1-Chlorooctane	*100 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*138 %*	*63.6-154*

Sample ID: SOUTH WALL #1 (H301446-02)

Chloride, SM4500Cl-B mg/kg **Analyzed By: DW**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	06/24/2013	ND	432	108	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/25/2013	ND	203	101	200	3.07	
DRO >C10-C28	**2630**	50.0	06/25/2013	ND	208	104	200	5.24	
EXT DRO >C28-C35	**497**	50.0	06/25/2013	ND					

Surrogate: 1-Chlorooctane	*98.2 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*142 %*	*63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	06/24/2013	Sampling Date:	06/21/2013
Reported:	07/05/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: TT-1 @ 19' (H301446-03)

BTEX 8021B mg/kg Analyzed By: AP S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	07/03/2013	ND	2.14	107	2.00	2.42	
Toluene*	**0.349**	0.200	07/03/2013	ND	2.26	113	2.00	2.24	
Ethylbenzene*	**2.74**	0.200	07/03/2013	ND	2.45	123	2.00	2.84	
Total Xylenes*	**1.96**	0.600	07/03/2013	ND	7.44	124	6.00	2.43	
Total BTEX	**5.05**	1.20	07/03/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *177 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	06/24/2013	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**157**	50.0	06/25/2013	ND	203	101	200	3.07	
DRO >C10-C28	**3750**	50.0	06/25/2013	ND	208	104	200	5.24	
EXT DRO >C28-C35	**1100**	50.0	06/25/2013	ND					

Surrogate: 1-Chlorooctane *101 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *170 %* *63.6-154*

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	06/24/2013	Sampling Date:	06/21/2013
Reported:	07/05/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: 6-21-13 STOCKPILE (H301446-04)

Chloride, SM4500Cl-B mg/kg **Analyzed By: DW**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	06/24/2013	ND	432	108	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS** **S-06**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**50.3**	50.0	06/25/2013	ND	203	101	200	3.07	
DRO >C10-C28	**3340**	50.0	06/25/2013	ND	208	104	200	5.24	
EXT DRO >C28-C35	**1130**	50.0	06/25/2013	ND					

Surrogate: 1-Chlorooctane	*101 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*165 %*	*63.6-154*

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Celey D. Keene, Lab Director/Quality Manager

CARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Basin Environmental Service Technologies, LLC	**BILL TO**	
Project Manager:	Joel Lowry	P.O. #:	
Address:	P.O. Box 301	Company:	Southern Union
City:	Lovington	State: NM Zip: 88260	Attn: Cyndi Inskeep
Phone #:	(575)396-2378	Fax #: (575)396-1429	Address:
Project #:		Project Owner:	City:
Project Name:	Drip Tank #111		State: Zip:
Project Location:	Lea Co		Phone #:
Sampler Name:	Adrian Irigoyen		Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: Chloride	TPH (8015M)	BTEX (8021B)	Hold For BTEX	BTEX added 7/3/13						
H301446																									
1	South Floor #1 @ 11'	G	1			X					X		6/21/2013	1300	X	X		X							
2	South Wall #1	G	1			X					X		6/21/2013	1330	X	X		X							
3	TT-1 @ 19'	G	1			X					X		6/21/2013	1340	X	X		X	X						
4	6-21-13 Stockpile	G	1			X					X		6/21/2013	1350	X	X									

Relinquished By:	Date: 6-24-13	Received By:	Phone Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 8:30		Fax Result: ☐ Yes ☐ No Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:
FORM-006 Revision 1.0	Time:		
Delivered By: (Circle One)	Sample Condition: 2.6°C #54	CHECKED BY:	

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 11, 2013

JOEL LOWRY

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: DRIP TANK #111

Enclosed are the results of analyses for samples received by the laboratory on 07/01/13 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	07/01/2013	Sampling Date:	07/01/2013
Reported:	07/11/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: NORTH SW #1 (H301551-01)

BTEX 8260B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89.5	6.00	8.49	

Surrogate: Dibromofluoromethane	*100 %*	*61.3-142*
Surrogate: Toluene-d8	*98.0 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*107 %*	*65.7-141*

Chloride, SM4500Cl-B mg/kg **Analyzed By: DW**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	07/02/2013	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/02/2013	ND	196	98.2	200	1.25	
DRO >C10-C28	<10.0	10.0	07/02/2013	ND	203	102	200	1.09	
EXT DRO >C28-C35	<10.0	10.0	07/02/2013	ND					

Surrogate: 1-Chlorooctane	*85.4 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*87.6 %*	*63.6-154*

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	07/01/2013	Sampling Date:	07/01/2013
Reported:	07/11/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: NORTH SW #2 (H301551-02)

BTEX 8260B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89.5	6.00	8.49	

Surrogate: Dibromofluoromethane	*102 %*	*61.3-142*
Surrogate: Toluene-d8	*97.6 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*105 %*	*65.7-141*

Chloride, SM4500Cl-B mg/kg **Analyzed By: DW**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	07/02/2013	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/02/2013	ND	196	98.2	200	1.25	
DRO >C10-C28	<10.0	10.0	07/02/2013	ND	203	102	200	1.09	
EXT DRO >C28-C35	<10.0	10.0	07/02/2013	ND					

Surrogate: 1-Chlorooctane	*86.7 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*90.3 %*	*63.6-154*

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	07/01/2013	Sampling Date:	07/01/2013
Reported:	07/11/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: SOUTH SW #1B (H301551-03)

BTEX 8260B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89.5	6.00	8.49	

Surrogate: Dibromofluoromethane	*99.4 %*	*61.3-142*
Surrogate: Toluene-d8	*99.5 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*108 %*	*65.7-141*

Chloride, SM4500Cl-B mg/kg **Analyzed By: DW**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	07/02/2013	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/02/2013	ND	196	98.2	200	1.25	
DRO >C10-C28	<10.0	10.0	07/02/2013	ND	203	102	200	1.09	
EXT DRO >C28-C35	<10.0	10.0	07/02/2013	ND					

Surrogate: 1-Chlorooctane	*83.2 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*86.4 %*	*63.6-154*

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	07/01/2013	Sampling Date:	07/01/2013
Reported:	07/11/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: SOUTH SW #2 (H301551-04)

BTEX 8260B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89.5	6.00	8.49	

Surrogate: Dibromofluoromethane	*100 %*	*61.3-142*
Surrogate: Toluene-d8	*101 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*109 %*	*65.7-141*

Chloride, SM4500Cl-B mg/kg **Analyzed By: DW**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/02/2013	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/02/2013	ND	196	98.2	200	1.25	
DRO >C10-C28	<10.0	10.0	07/02/2013	ND	203	102	200	1.09	
EXT DRO >C28-C35	<10.0	10.0	07/02/2013	ND					

Surrogate: 1-Chlorooctane	*71.4 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*74.5 %*	*63.6-154*

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	07/01/2013	Sampling Date:	07/01/2013
Reported:	07/11/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: EAST SW #1 (H301551-05)

BTEX 8260B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89.5	6.00	8.49	

Surrogate: Dibromofluoromethane	*99.8 %*	*61.3-142*
Surrogate: Toluene-d8	*101 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*108 %*	*65.7-141*

Chloride, SM4500Cl-B mg/kg **Analyzed By: DW**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	07/02/2013	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/02/2013	ND	196	98.2	200	1.25	
DRO >C10-C28	<10.0	10.0	07/02/2013	ND	203	102	200	1.09	
EXT DRO >C28-C35	<10.0	10.0	07/02/2013	ND					

Surrogate: 1-Chlorooctane	*82.6 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*83.3 %*	*63.6-154*

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Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	07/01/2013	Sampling Date:	07/01/2013
Reported:	07/11/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: EAST SW #2 (H301551-06)

BTEX 8260B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2013	ND	2.07	103	2.00	8.04	
Toluene*	<0.050	0.050	07/02/2013	ND	1.80	89.9	2.00	9.41	
Ethylbenzene*	<0.050	0.050	07/02/2013	ND	1.77	88.6	2.00	9.25	
Total Xylenes*	<0.150	0.150	07/02/2013	ND	5.37	89.5	6.00	8.49	

Surrogate: Dibromofluoromethane	*99.0 %*	*61.3-142*
Surrogate: Toluene-d8	*99.2 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*109 %*	*65.7-141*

Chloride, SM4500Cl-B mg/kg **Analyzed By: DW**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/02/2013	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/02/2013	ND	196	98.2	200	1.25	
DRO >C10-C28	<10.0	10.0	07/02/2013	ND	203	102	200	1.09	
EXT DRO >C28-C35	<10.0	10.0	07/02/2013	ND					

Surrogate: 1-Chlorooctane	*82.8 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*86.6 %*	*63.6-154*

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Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	07/01/2013	Sampling Date:	07/01/2013
Reported:	07/11/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: STOCKPILE #1 (H301551-07)

BTEX 8260B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	07/10/2013	ND	2.21	111	2.00	24.4	
Toluene*	<0.200	0.200	07/10/2013	ND	2.24	112	2.00	21.9	
Ethylbenzene*	<0.200	0.200	07/10/2013	ND	2.21	110	2.00	19.3	
Total Xylenes*	<0.600	0.600	07/10/2013	ND	6.71	112	6.00	17.4	

Surrogate: Dibromofluoromethane	*94.4 %*	*61.3-142*
Surrogate: Toluene-d8	*105 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*123 %*	*65.7-141*

Chloride, SM4500Cl-B mg/kg **Analyzed By: DW**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	07/02/2013	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	07/02/2013	ND	196	98.2	200	1.25	
DRO >C10-C28	**2400**	50.0	07/02/2013	ND	203	102	200	1.09	
EXT DRO >C28-C35	**604**	50.0	07/02/2013	ND					

Surrogate: 1-Chlorooctane	*87.2 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*136 %*	*63.6-154*

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Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	07/01/2013	Sampling Date:	07/01/2013
Reported:	07/11/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: STOCKPILE #2 (H301551-08)

Chloride, SM4500Cl-B mg/kg **Analyzed By: DW**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	07/02/2013	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	07/02/2013	ND	196	98.2	200	1.25	
DRO >C10-C28	**2380**	50.0	07/02/2013	ND	203	102	200	1.09	
EXT DRO >C28-C35	**714**	50.0	07/02/2013	ND					

Surrogate: 1-Chlorooctane	*91.3 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*137 %*	*63.6-154*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	07/01/2013	Sampling Date:	07/01/2013
Reported:	07/11/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: STOCKPILE #3 (H301551-09)

BTEX 8260B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	07/11/2013	ND	2.21	111	2.00	24.4	
Toluene*	<0.200	0.200	07/11/2013	ND	2.24	112	2.00	21.9	
Ethylbenzene*	<0.200	0.200	07/11/2013	ND	2.21	110	2.00	19.3	
Total Xylenes*	<0.600	0.600	07/11/2013	ND	6.71	112	6.00	17.4	

Surrogate: Dibromofluoromethane	*95.5 %*	*61.3-142*
Surrogate: Toluene-d8	*103 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*125 %*	*65.7-141*

Chloride, SM4500Cl-B mg/kg **Analyzed By: DW**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	07/02/2013	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	07/02/2013	ND	196	98.2	200	1.25	
DRO >C10-C28	**2250**	50.0	07/02/2013	ND	203	102	200	1.09	
EXT DRO >C28-C35	**657**	50.0	07/02/2013	ND					

Surrogate: 1-Chlorooctane	*84.0 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*130 %*	*63.6-154*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	07/01/2013	Sampling Date:	07/01/2013
Reported:	07/11/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: STOCKPILE #4 (H301551-10)

BTEX 8260B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	07/11/2013	ND	2.21	111	2.00	24.4	
Toluene*	<0.200	0.200	07/11/2013	ND	2.24	112	2.00	21.9	
Ethylbenzene*	<0.200	0.200	07/11/2013	ND	2.21	110	2.00	19.3	
Total Xylenes*	<0.600	0.600	07/11/2013	ND	6.71	112	6.00	17.4	

Surrogate: Dibromofluoromethane	*96.3 %*	*61.3-142*
Surrogate: Toluene-d8	*103 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*122 %*	*65.7-141*

Chloride, SM4500Cl-B mg/kg **Analyzed By: DW**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	07/02/2013	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	07/02/2013	ND	196	98.2	200	1.25	
DRO >C10-C28	**2310**	50.0	07/02/2013	ND	203	102	200	1.09	
EXT DRO >C28-C35	**707**	50.0	07/02/2013	ND					

Surrogate: 1-Chlorooctane	*87.8 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*129 %*	*63.6-154*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Celey D. Keene, Lab Director/Quality Manager

LAB Order ID # H301551

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:	E-mail: pm@basinenv.com,phillip.little@sug.com, cyndi.inskeep@regencygas.com
Invoice to: Southern Union Gas	
Project #:	Project Name: Drip Tank #111
Project Location: (include state) Lea Co., NM	Sampler Signature: Joel Lowe

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	TPH 8015M	BTEX 8021B	Turn Around Time if different from standard	Hold
1	North SW #1	G	1		1							1		7/1	10:40	X	X	X		
2	North SW #2	G	1		1							1		7/1	10:35	X	X	X		
3	South SW #1	G	1		1							1		7/1	10:30	X	X	X		
4	South SW #2	G	1		1							1		7/1	10:25	X	X	X		
5	East SW #1	G	1		1							1		7/1	10:15	X	X	X		
6	East SW #2	G	1		1							1		7/1	10:20	X	X	X		
7	Stockpile #1	C	1		1							1		7/1	11:10	X	X	X		X
8	Stockpile #2	C	1		1							1		7/1	11:00	X	X			X
9	Stockpile #3	C	1		1							1		7/1	11:30	X	X	X		X
10	Stockpile #4	C	1		1							1		7/1	11:20	X	X	X		X

added 7/3/13

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Joel Lowe		7/1/13	4:00	Jodi Henson		7/1/13	4:00

INST 54 °C
OBS 4.7 °C
COR ____ °C

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

REMARKS:

- ☐ 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

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 05, 2013

JOEL LOWRY

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: DRIP TANK #111

Enclosed are the results of analyses for samples received by the laboratory on 07/03/13 8:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	07/03/2013	Sampling Date:	07/02/2013
Reported:	07/05/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: WEST SW #1 (H301567-01)

BTEX 8021B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/04/2013	ND	2.14	107	2.00	2.42	
Toluene*	<0.050	0.050	07/04/2013	ND	2.26	113	2.00	2.24	
Ethylbenzene*	<0.050	0.050	07/04/2013	ND	2.45	123	2.00	2.84	
Total Xylenes*	<0.150	0.150	07/04/2013	ND	7.44	124	6.00	2.43	
Total BTEX	<0.300	0.300	07/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL *118 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg **Analyzed By: DW**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	07/05/2013	ND	416	104	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/03/2013	ND	205	102	200	1.94	
DRO >C10-C28	<10.0	10.0	07/03/2013	ND	191	95.6	200	9.03	
EXT DRO >C28-C35	<10.0	10.0	07/03/2013	ND					

Surrogate: 1-Chlorooctane *84.4 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *81.7 %* *63.6-154*

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*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	07/03/2013	Sampling Date:	07/02/2013
Reported:	07/05/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: WEST SW #2 (H301567-02)

BTEX 8021B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/04/2013	ND	2.14	107	2.00	2.42	
Toluene*	<0.050	0.050	07/04/2013	ND	2.26	113	2.00	2.24	
Ethylbenzene*	<0.050	0.050	07/04/2013	ND	2.45	123	2.00	2.84	
Total Xylenes*	<0.150	0.150	07/04/2013	ND	7.44	124	6.00	2.43	
Total BTEX	<0.300	0.300	07/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg **Analyzed By: DW**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	07/05/2013	ND	416	104	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/03/2013	ND	205	102	200	1.94	
DRO >C10-C28	**36.1**	10.0	07/03/2013	ND	191	95.6	200	9.03	
EXT DRO >C28-C35	**21.3**	10.0	07/03/2013	ND					

Surrogate: 1-Chlorooctane *86.4 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *89.1 %* *63.6-154*

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

LAB Order ID # H3015G7

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:	E-mail: pm@basinenv.com,phillip.little@sug.com, cyndi.inskeep@regencygas.com
Invoice to: Southern Union Gas	
Project #:	Project Name: Drip Tank #111
Project Location: (include state) Lea Co., 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	TPH 8015M	BTEX 8021B	Rush	Turn Around Time if different from standard	Hold
1	Exhaust SW #1	G	1		X							X		7/2	13:00	X	X	X	X		
2	West SW #2	G	1		X							X		7/2	17:30	X	X	X	X		

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
Joel Lowry		7/3/13	8:00			7-3-13	8:15	INST ____ OBS ____ °C COR ____ °C
		7-3-13	8:45	Jodi Henson		7/3/13	8:45	INST 5/1 OBS ____ °C COR 4.2 °C
								INST ____ OBS ____ °C COR ____ °C

LAB USE ONLY

Intact Y / N

Headspace Y / N /NA

Log-in Review

REMARKS:

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

Carrier #

Submittal of samples constitutes agreement to Terms and Conditions

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 10, 2013

JOEL LOWRY

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: DRIP TANK #111

Enclosed are the results of analyses for samples received by the laboratory on 07/08/13 8:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Basin Environmental Service
JOEL LOWRY
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	07/08/2013	Sampling Date:	07/03/2013
Reported:	07/10/2013	Sampling Type:	Soil
Project Name:	DRIP TANK #111	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY		

Sample ID: CENTER FLOOR (H301588-01)

BTEX 8021B mg/kg Analyzed By: DW S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2013	ND	2.51	126	2.00	7.67	
Toluene*	**0.849**	0.050	07/10/2013	ND	2.43	122	2.00	8.28	
Ethylbenzene*	**5.66**	0.050	07/10/2013	ND	2.50	125	2.00	9.23	
Total Xylenes*	**5.01**	0.150	07/10/2013	ND	7.47	124	6.00	8.81	
Total BTEX	**11.5**	0.300	07/10/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL *461 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	07/09/2013	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**329**	50.0	07/09/2013	ND	201	100	200	2.08	
DRO >C10-C28	**4920**	50.0	07/09/2013	ND	212	106	200	5.52	
EXT DRO >C28-C35	**1030**	50.0	07/09/2013	ND					

Surrogate: 1-Chlorooctane *120 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *186 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

LAB Order ID # H3015588

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:	E-mail: pm@basinenv.com,phillip.little@sug.com, cyndi.inskeep@regencygas.com
Invoice to: Southern Union Gas	
Project #:	Project Name: DRIP TANK #111
Project Location: (include state) Lea Co., NM	Sampler Signature:

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	TPH 8015M	BTEX 8021B	Turn Around Time if different from standard	Hold
1	Center Floor				X							X		7-3	9:00	X	X	X		

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
		7-8-13	06:45			7-8-13	6:45	INST ____ OBS ____ °C COR ____ °C
		7-8-13	8:15	Jodi Henson		7/8/13	8:15	INST 54 OBS 50 °C COR 5c °C
								INST ____ OBS ____ °C COR ____ °C

LAB USE ONLY

Intact Y / N

Headspace Y / N /NA

Log-in Review

REMARKS:

☐ Dry Weight Basis Required

☐ TRRP Report Required

☐ Check If Special Reporting Limits Are Needed

Carrier #

Submittal of samples constitutes agreement to Terms and Conditions

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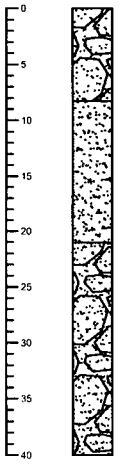
Appendix D
Soil Boring Logs

Soil Boring SB-1

Depth Below Ground Surface	Soil Column	Cl- ppm	TPH ppm	Soil Description
0				
5				0' - 8' - Tan fine sand - caliche sandstone
10		8.59	16.3	
15				8' - 21' - Tannish red v. f. sand - sandstone (cement)
20		57.3	<16.4	
25				
30		64.7	<15.6	21' - 40' - Beige silty sand - Caliche nodules sandstone
35				
40		55.8	<15.8	



Boring SB-1

Date Drilled April 29, 2013
Thickness of Bentonite Seal 38 Ft
Depth of Exploratory Boring 40 Ft bgs
Depth to Groundwater N/A
Ground Water Elevation N/A

▼ Indicates the PSH level measured on N/A
▼ Indicates the groundwater level measured on N/A

Completion Notes

1.) The soil boring was advanced on date using air rotary drilling techniques.
2.) The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

Soil Boring SB-1

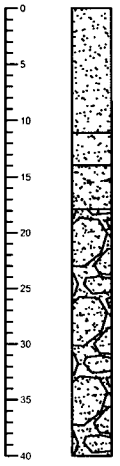
Southern Union Gas Services
Drip Tank #111
Lea County, New Mexico
NMOCD Reference #: 1RP-1820

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

Prep By: JWL	Checked By: BJA
June 3, 2013	

Soil Boring SB-2

Depth Below Ground Surface	Soil Column	Cl- ppm	TPH ppm	Soil Description
0				
5				0' - 11' - Tan fine sand - caliche (cement) sandstone
10		911	48.8	
15				11' - 14' - Tan silty sand - sandstone
20		55.4	27.6	14' - 18' - Tannish red v. f. sandstone
25				
30		44.5	18.0	18' - 40' - Beige silty sand - Caliche nodules sandstone
35				
40		48.7	19.9	



Boring SB-2

Date Drilled April 29, 2013
Thickness of Bentonite Seal 38 Ft
Depth of Exploratory Boring 40 Ft bgs
Depth to Groundwater N/A
Ground Water Elevation N/A

▼ Indicates the PSH level measured on N/A
▼ Indicates the groundwater level measured on N/A

Completion Notes

1.) The soil boring was advanced on date using air rotary drilling techniques.
2.) The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

Soil Boring SB-2

Southern Union Gas Services
Drip Tank #111
Lea County, New Mexico
NMOCD Reference #: 1RP-1820

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

Prep By: JWL	Checked By: BJA
June 3, 2013	

Soil Boring SB-3

Depth Below Ground Surface	Soil Column	Cl- ppm	TPH ppm
0			
5			
10		267	8,590
15			
20		110	4,470
25			
30		245	4,220
35			
40		156	3,380
45			
50		55.0	3,380
55			
60		145	3,280
65			
70		184	1,320
75			
80		66.5	183
85			
90		80.5	100
95			
100		47.0	130

Soil Description

0' - 6' - Tan fine sand - caliche (cement) sandstone

6' - 9' - Brownish tan fine sand - sandstone

9' - 17' - Light tan v. f. sand - (cement) sandstone

17' - 52' - Tan v. f. sand - sandstone

52' - 100' - Tan v. f. sand

Boring SB-3

Date Drilled April 29, 2013
Thickness of Bentonite Seal 98 Ft
Depth of Exploratory Boring 100 Ft bgs
Depth to Groundwater N/A
Ground Water Elevation N/A

▼ Indicates the PSH level measured on N/A

▼ Indicates the groundwater level measured on N/A

Completion Notes

1.) The soil boring was advanced on date using air rotary drilling techniques.

2.) The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

Soil Boring SB-3

Southern Union Gas Services
Drip Tank #111
Lea County, New Mexico
NMOCD Reference #: 1RP-1820

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

Prep By: JWL	Checked By: BJA
June 3, 2013	

Appendix E

Pit or Below-Grade Tank Registration Form

(Form C-144)

District I
1625 N. French Dr , Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-144
June 1, 2004

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

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: Southern Union Gas Services Telephone: 575-395-2116 e-mail address: tony savoie @sug com
Address: P.O Box 1226 Jal, New Mexico 88252
Facility or well name: Drip Tank #111 API #: U/L or Qtr/Qtr E Sec 27 T 22 S R 36E
County: Lea Latitude 32 deg 21.904N Longitude 103 deg. 15.517W NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

Pit	**Below-grade tank**	
Type: Drilling ☐ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☐ Unlined ☐ Liner type: Synthetic ☐ Thickness ____mil Clay ☐ Pit Volume ____bbl	Volume: _100_bbl Type of fluid: __Produced water and crude oil Construction material: __Steel Double-walled, with leak detection? Yes ☐ If not, explain why not. __Tank was installed by EPNG before the BGT regulations were written__	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) Average 108 ft.	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.) No, 4377 Horiz. Ft to a private water well	Yes No	(20 points) (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.) 2.01 Horizontal miles to a playa and an intermittent water course.	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)
	Ranking Score (Total Points)	0 Points

WTR 200'

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

Additional Comments. The Below Grade Tank will be removed in accordance with the NMOCD proposed Pit and Below Grade Tank Rules

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

Date: 3/13/08
Printed Name/ Tony Savoie
Title Waste Management and Remediation Specialist Signature Tony Savoie

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

Approval:
Printed Name/Title ____ Signature ENVIRONMENTAL ENGINEER Date: 3.19.08
1RP- 1820

fCoHo 8080385556