REMEDIATION SUMMARY & CLOSURE REQUEST

Property:

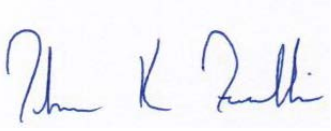
REGENCY FIELD SERVICES LLC.
Trunk "C" Drip Tank Battery #16
Historical Release Site
Lea County, New Mexico
Unit Letter "M", Section 6, Township 26 South, Range 37 East
Latitude 32.065446, Longitude -103.206583

January 2015
Apex Project No. 7030714G050

Prepared for:

Regency Field Services LLC
421 West 3rd Street, Suite 250
Fort Worth, TX 76102
Attn: **Ms. Crystal Callaway, BSN, RN, CHMM**

Prepared by:



Thomas Franklin
Project Manager

Tim Reed
Senior Technical Review

Table of Contents

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1.0 INTRODUCTION

1.1 Site Description & Background

Apex TITAN, Inc. (Apex) has prepared this Closure Request for the Regency Field Services, LLC (Regency) Trunk "C" Drip Tank Battery #16 (referred to hereinafter as the "Site" or "subject Site"). This Closure Request is based upon the interpretation of the data collected by Basin Environmental (Basin) and the remedial actions conducted to date by Apex.

The Trunk "C" Drip Tank Battery #16 were located in Unit Letter M, Section 6, Township 26 South, Range 37 East, Lea County, New Mexico (GPS 32.065446, -103.206583). Regency Field Services, LLC. have acquired this pipeline and associated equipment. The tanks and equipment were removed by the previous operator.

Remedial actions were conducted by Apex in accordance with New Mexico Energy, Minerals, and Natural Resources Department (EMNRD), Oil Conservation Division (NMOCD) rules (*NMAC 19.15.29 Release Notification*) and the NMOCD *Guidelines for Remediation of Leaks, Spills and Releases* as guidance.

1.2 Project Objective

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

1.3 Standard of Care

Apex's services are performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same time period. Apex makes no warranties, express or implied, as to the services performed hereunder. Additionally, Apex does not warrant the work of third parties supplying information used in the report (e.g. laboratories, regulatory agencies, or other third parties). This scope of services will be performed in accordance with the scope of work agreed with the client.

1.4 Reliance

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

2.0 SITE RANKING & PROPOSED REMEDIAL ACTION GOALS

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

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

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

Based on Apex's evaluation of the scoring criteria, the Site would have a Total Ranking Score of 0. This ranking is based on the following:

- The depth to the initial groundwater-bearing zone is >100 feet at the Site.
- The impacted area is greater than 200 feet from a private domestic water source.
- Distance to the nearest surface water body is greater than 1,000 ft.

Based on a Total Ranking Score of 0, cleanup goals for soils remaining in place include: 10 milligrams per kilogram (mg/Kg) for benzene, 50 mg/Kg for total benzene, toluene, ethlybenzene and xylene (BTEX) and, 5,000 mg/Kg for total petroleum hydrocarbons (TPH).

3.0 INITIAL RESPONSE, EXCAVATION & DRILLING ACTIVITIES

3.1 Initial Response

The Trunk "C" Tank Battery #16 tanks and equipment were removed by the previous operator. On August 13, 2013 Basin personnel conducted an initial investigation at the Site. During the investigation, test trenches were installed and samples collected as shown in Figure 3, Appendix A. The soil samples were submitted for laboratory analysis which detected elevated chloride and Total BTEX concentrations where the former above ground storage tanks were located. Chloride concentrations in TT-1 at the surface were 640 mg/Kg increasing to 784 mg/Kg at a depth of twelve (12) feet below ground surface (bgs). Total BTEX concentrations were observed at thirteen (13) feet of 109 mg/Kg and twenty (20) feet of 64.5 mg/Kg. The Soil Analytical Summary Table as provided by Basin is located in Appendix B.

3.2 Excavation Activities

Excavation remediation activities were conducted by Basin and began on August 27, 2013. The storage tanks had been removed, however, the outline of the historic facility was still visible. The excavation activities included removing impacted material from the historic facility and transporting it offsite to an approved disposal facility. The final dimensions of the excavation were approximately three hundred and twelve (312) feet in length, one hundred and forty five (145) feet in width and ten (10) to twelve (12) feet in depth as shown on Figure 4, Appendix A. Approximately three thousand, three hundred twenty four (3,324) cubic yards (yd^3) of impacted soil was transported to Sundance Services Inc. for proper disposal. The excavated area was lined and fitted with three (3) eight (8) inch PVC conduits in the areas with the highest concentrations.

3.3 Excavation Confirmation Soil Sampling Program

Side wall and bottom hole soil samples were collected by Basin personnel and all of the samples were analyzed for BTEX, TPH and chlorides. The results of the confirmation samples were compared to the NMOCD *Guidelines for Remediation of Leaks, Spills and Releases* (Section VI A. Contaminated Soils). Several areas exceed the NMOCD clean-up goals as discussed in Section 2.0 above. Test Trench Six (TT-6) exceeded Total TPH regulatory levels with 5,535 mg/Kg at thirty (30) feet bgs. The Southwest and Southeast Floors samples exceeded Total TPH levels with 7,908 mg/K and 6,216 mg/Kg at ten (10) feet bgs. Elevated chloride concentrations were found in the Below Ground Tank Test Trench (BGT TT) of 6,480 mg/KG at a depth of twenty one (21) feet bgs. The impacted soil at the Site was not vertically defined.

3.4 Drilling Activities

Apex personnel supervised soil boring activities in the areas that were not previously vertically delineated. On September 10, through September 11, 2014; Mr. Thomas Franklin, was present to observe on-Site activities and to collect bore hole samples. Three soil borings (SB-1@ BGT, SB-2 @ TT-6 and SB-3 @ SW Floor) as shown in Figure 3, were installed to depths of fifty (50) feet bgs, forty (40) feet bgs and thirty five (35) feet bgs, respectively. Samples were collected and field screened for chlorides and hydrocarbons.

3.5 Drilling Confirmation Soil Sampling Program

Seven (7) soil samples were collected from SB-1 by Apex personnel and analyzed for chlorides. Elevated chloride concentrations were found at depths down to forty five (45) feet bgs, with the highest concentration of 4,010 mg/Kg at twenty (20) feet, declining to 217 mg/Kg at fifty (50) feet bgs. Four (4) soil samples were collected from SB-2 and analyzed for TPH. Elevated TPH concentrations were found at depths down to ten (10) feet bgs, with the highest concentration of 13,640 mg/Kg at ten (10) feet declining to 819 mg/Kg at twenty (20) feet bgs. Five (5) soil samples were collected from SB-3 and analyzed for TPH. All five (5) samples were below the regulatory levels. Subsequently the site was vertically delineated.

4.0 LABORATORY ANALYTICAL METHODS

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

Soil samples were collected and placed in laboratory prepared glassware, placed on ice in a cooler. The sample coolers and completed chain-of-custody forms were relinquished to an approved laboratory for normal turn-around time.

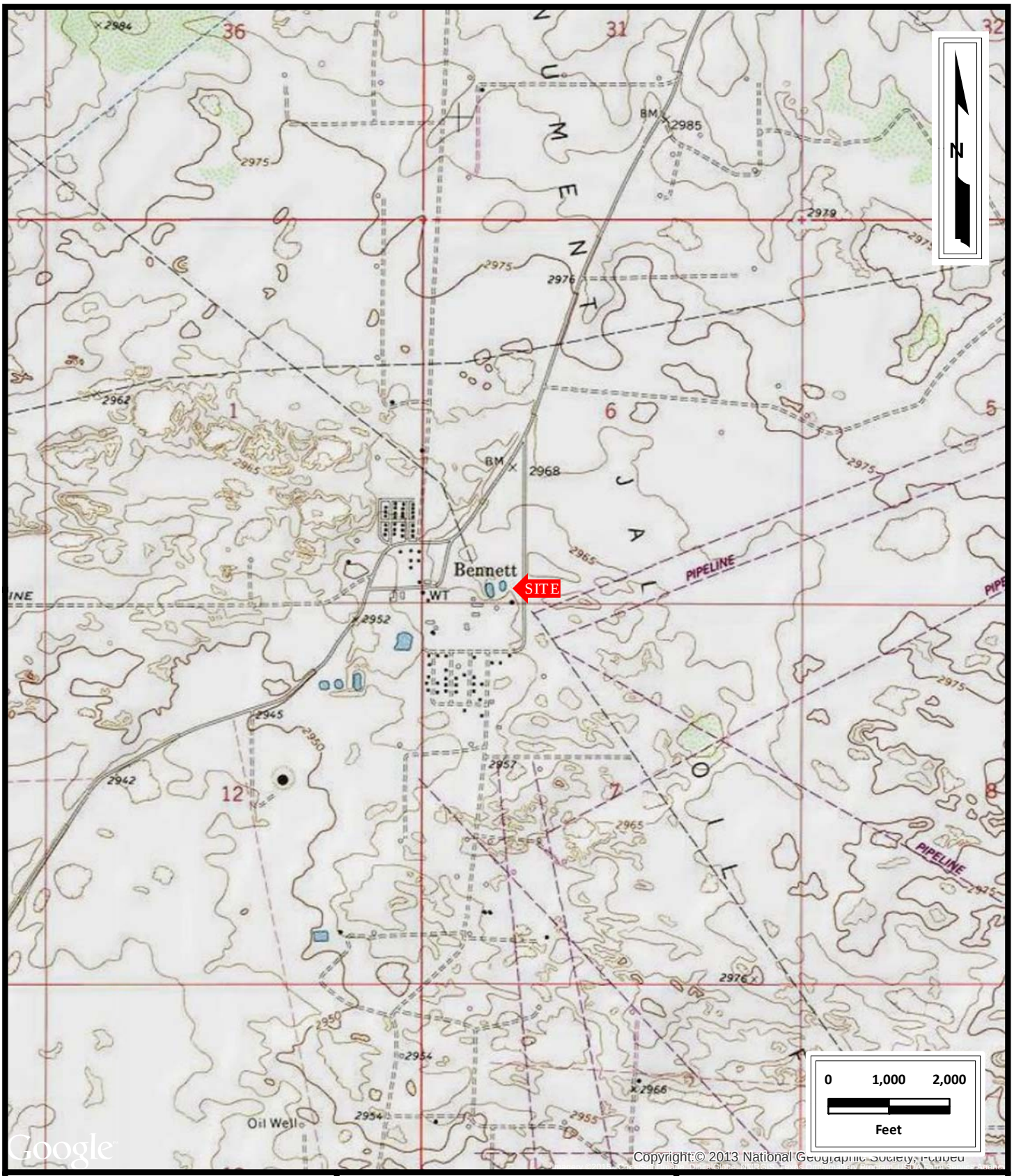
Figure 3 is a Site plan that indicates the approximate location of the confirmation soil samples, test trench and soil bore samples in relation to pertinent land features and general Site boundaries.

5.0 CLOSURE

Based upon the data provided by Basin and Apex and the photos shown in Appendix C, the site was delineated and brought to grade. Based upon the response actions and laboratory analytical results, no additional investigation and/or remediation appears warranted at this time. Regency respectfully requests closure of this site. Copies of the Initial and Final C-141 are provided in Appendix E.

APPENDIX A

Figures



Regency Field Services LLC
Trunk "C" Drip Tank Battery #16
Lea County, New Mexico
32.065446, -103.206583

Apex Project # 7030714G050.001

Apex Companies, LLC
505 N. Big Springs St., Suite 301A
Midland, Texas 79707
Phone: (432) 695-6016
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FIGURE 1
Topographic Map
Jal, NM Quadrangle
1980

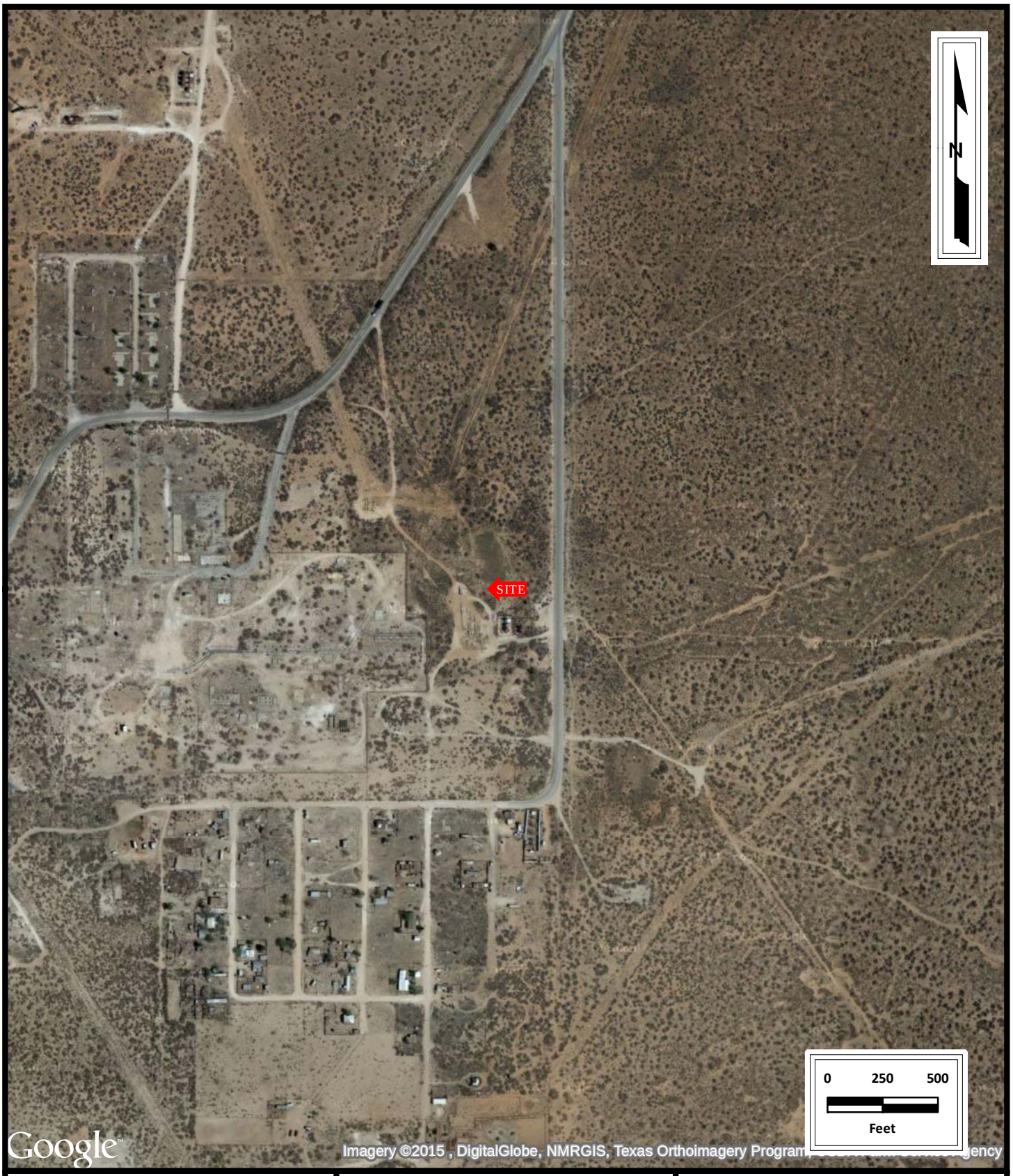

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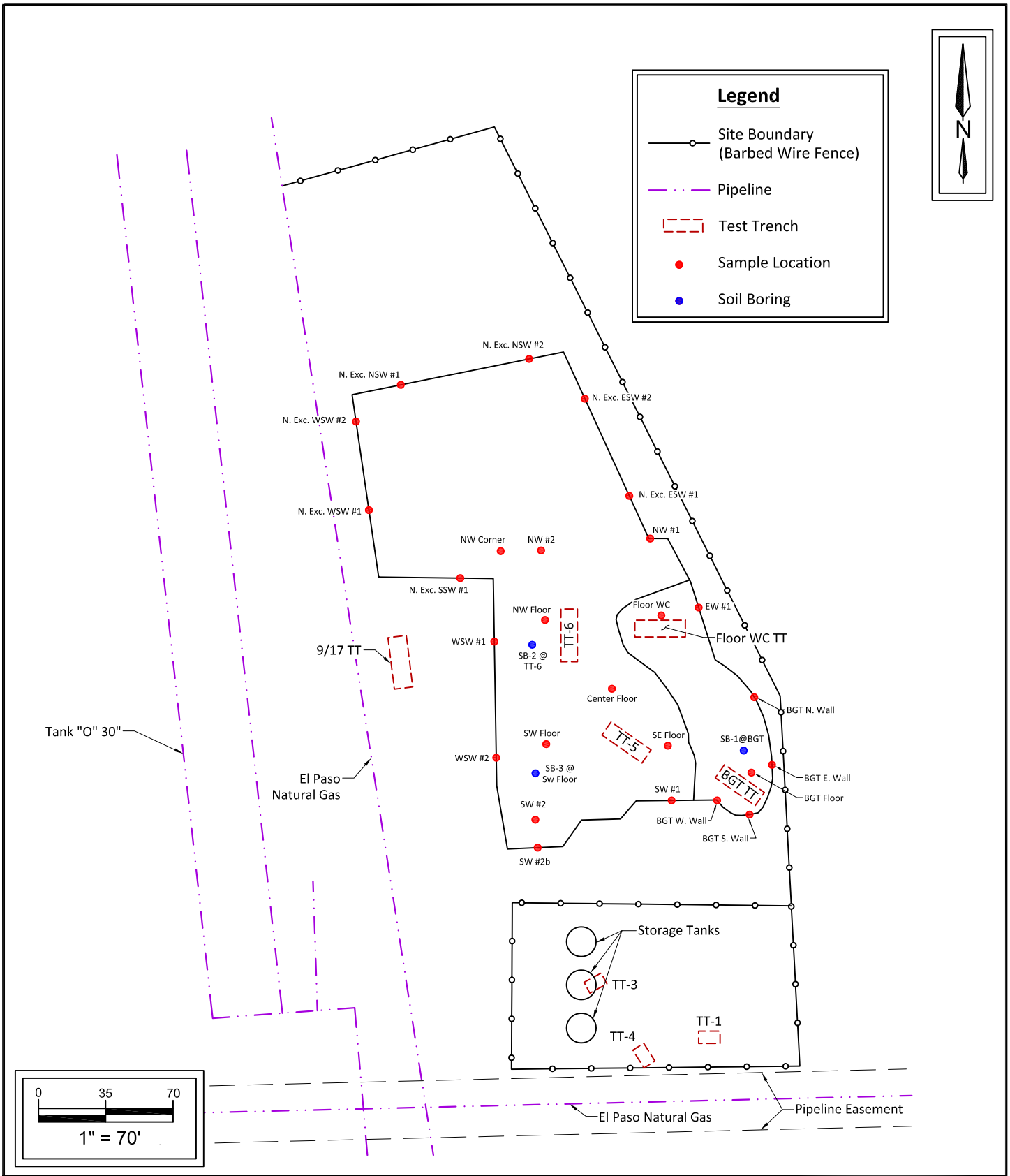
FIGURE 2
Site Vicinity Map
April 2013 Aerial Photograph
Source Google Earth



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A Subsidiary of Apex Companies, LLC

FIGURE 3
Sample/Boring Locations

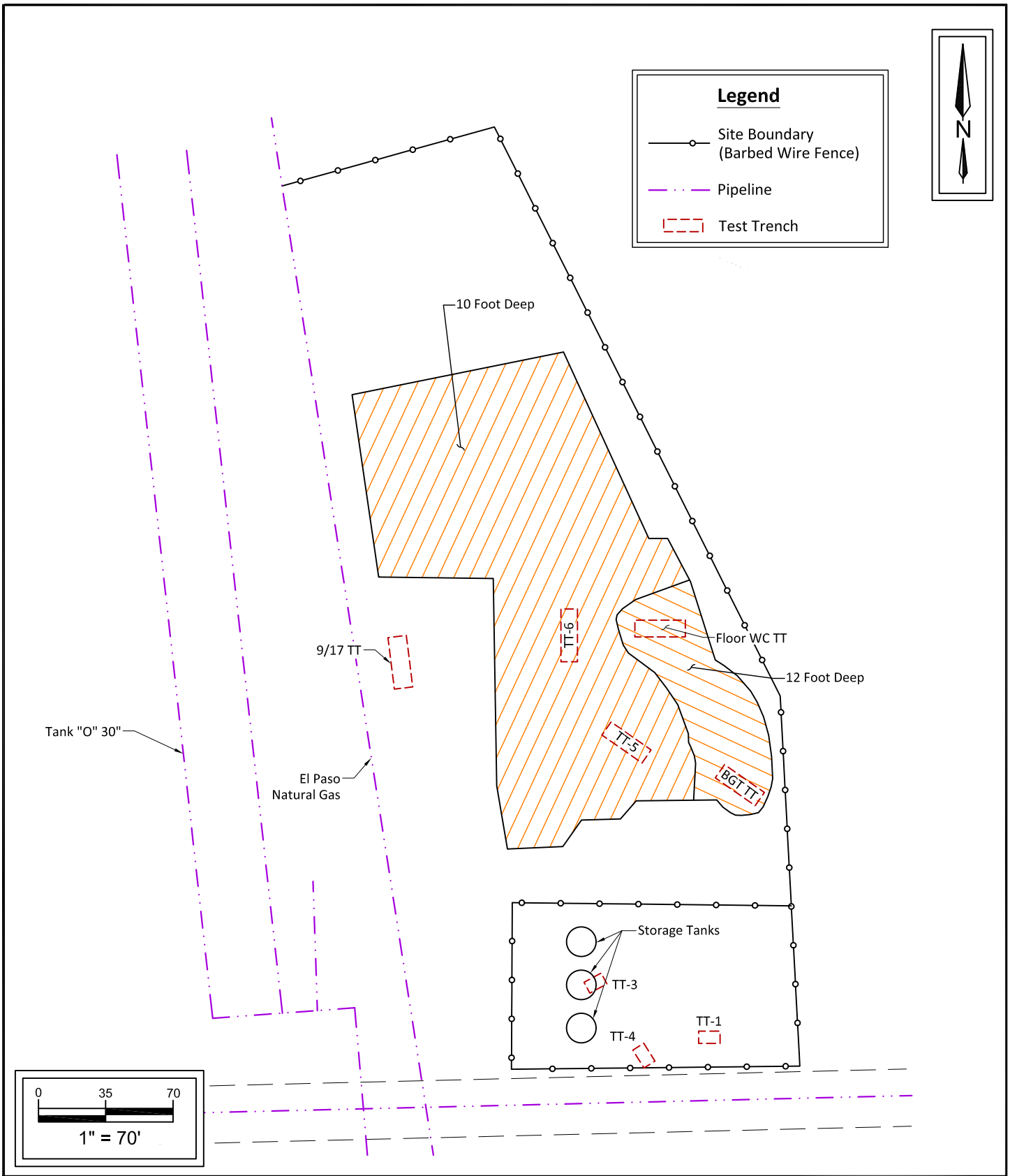

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FIGURE 4
Excavated Depths

APPENDIX B

Soil Analytical Results

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

REGENCY FIELD SERVICES, LLC
TRUNK "C" DRIP TANK #16 HISTORICAL
ENVIRONMENTAL REMEDIATION SITE
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH	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)	C_6-C_{28} (mg/Kg)	CHLORIDE (mg/Kg)
TT-1 @ Surface	Surface	8/13/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	259	105	364	640
TT-1 @ 3'	3'	8/13/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	11.2	11.2	272
TT-1 @ 12'	12'	8/13/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	784
TT-3 @ 6'	6'	8/13/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
TT-3 @ 12'	12'	8/13/2013	In-Situ	<0.050	0.076	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
TT-4 @ 3'	3'	8/13/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
TT-4 @ 9'	9'	8/13/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
TT-5 @ Surface	Surface	8/13/2013	In-Situ	<0.500	0.143	0.239	1.20	1.58	<100	1,990	908	2,898	<16.0
TT-5 @ 6'	6'	8/13/2013	In-Situ	<0.500	3.21	9.37	34.5	47.1	843	2,830	420	4,093	<16.0
TT-5 @ 13'	13'	8/13/2013	In-Situ	<2.00	12.3	12.8	83.9	**109**	1,640	2,850	318	4,808	<16.0
TT-5 @ 17'	17'	8/22/2013	In-Situ	<0.200	2.23	4.93	24.8	32.0	391	795	64.7	1,250.7	-
TT-5 @ 20'	20'	8/22/2013	In-Situ	0.429	6.71	9.80	47.6	**64.5**	681	1,000	95.1	1,776	-
BGT West Wall	8'	8/28/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	10.8	10.8	304
BGT North Wall	8'	8/28/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
BGT East Wall	8'	8/28/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	28.0	27.1	55.1	<16.0
BGT South Wall	8'	8/28/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
BGT Floor	12'	8/28/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	**1,390**
TT-6 @ 15'	15'	8/28/2013	In-Situ	<0.500	<0.500	2.52	5.89	8.41	644	4,240	219	**5,103**	<16.0
TT-6 @ 20'	20'	8/28/2013	In-Situ	<0.400	<0.400	1.48	4.14	5.62	384	3,820	310	4,515	16.0
TT-6 @ 25'	25'	8/28/2013	In-Situ	<0.800	<0.800	3.79	9.98	13.8	759	5,380	454	**6,593**	<16.0
TT-6 @ 30'	30'	8/28/2013	In-Situ	<0.400	<0.400	1.46	4.16	5.62	438	4,720	377	**5,535**	<16.0
9/5 Stockpile	N/A	9/5/2013	Stockpiled	-	-	-	-	-	292	5,380	702	**6,374**	<16.0
9/9 Stockpile #2	N/A	9/9/2013	Stockpiled	-	-	-	-	-	35.7	875	290	1,200	<16.0
9/12 Stockpile #1	N/A	9/12/2013	Stockpiled	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	159	41.1	200	<16.0
9/12 Stockpile #2	N/A	9/12/2013	Stockpiled	<0.050	<0.050	0.088	<0.150	<0.300	<10.0	203	45.1	248	<16.0
9/12 Stockpile #3	N/A	9/12/2013	Stockpiled	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	35.9	16.8	52.7	32.0
Floor WC	N/A	9/16/2013	In-Situ	-	-	-	-	-	7,840	40,100	5,470	**53,410**	416
9/17 TT @ 9'	9'	9/17/2013	In-Situ	<0.500	1.53	7.97	14.1	23.6	639	3,870	623	4,509	<16.0
9/17 TT @ 12'	12'	9/17/2013	In-Situ	<0.100	0.474	1.86	4.46	6.79	109	857	153	966	<16.0
9/17 TT @ 15'	15'	9/17/2013	In-Situ	<0.050	0.281	1.66	3.89	5.83	196	1,390	252	1,586	<16.0
NW#1	8'	9/18/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	86.9	37.1	124	<16.0
NW#2	8'	9/19/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	143	51.6	195	<16.0
EW #1	8'	9/20/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	47.1	29.3	76.4	<16.0
SW #1	8'	9/21/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	10.9	10.9	<16.0
SW #2	8'	9/22/2013	Excavated	-	-	-	-	-	2,510	4510	186	**7,206**	<16.0
NW Floor	10'	9/23/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SW Floor	10'	9/24/2013	In-Situ	<0.500	<0.500	2.40	7.95	10.4	520	6,500	888	**7,908**	<16.0
SE Floor	10'	9/25/2013	In-Situ	<0.500	<0.500	<0.500	8.68	8.68	499	4,920	797	**6,216**	<16.0
Center Floor	10'	9/26/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<50.0	2,610	525	3,135	<16.0
Floor WC TT @ 12'	12'	9/23/2013	In-Situ	-	-	-	-	-	418	3,640	317	4,375	-
Floor WC TT @ 15'	15'	9/24/2013	In-Situ	-	-	-	-	-	81	1,210	175	1,466	-
Floor WC TT @ 18'	18'	9/25/2013	In-Situ	<0.050	0.212	1.28	3.58	5.07	70	1,080	82.6	1232	-
BGT TT @ 21'	21'	9/27/2013	In-Situ	-	-	-	-	-	-	-	-	-	**6,480**
WSW #1	8'	10/1/2013	In-Situ	<0.100	<0.100	<0.100	<0.300	<0.600	<50.0	1,170	514	1,684	<16.0
WSW #2	8'	10/1/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
10/1 Stockpile	N/A	10/1/2013	N/A	<0.200	0.297	0.969	3.94	5.21	<50.0	1,340	291	1,631	<16.0
SSW #2b	8'	10/3/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
NW Corner	8'	10/3/2013	Excavated	0.525	0.734	8.94	9.36	19.6	679	13,500	2,930	**17,109**	<16.0
10/23 Stockpile #1	N/A	10/23/2013	Stockpiled	<0.00612	<0.0122	<0.00612	<0.0122	<0.00612	200	1,550	<18.4	1,750	22.4
N. Exc. SSW #1	8'	10/25/2013	In-Situ	<0.00102	<0.00204	<0.00102	<0.00204	<0.00204	<15.4	<15.4	<15.4	<15.4	3.77
N. Exc ESW #1	8'	10/25/2013	In-Situ	<0.00109	<0.00217	<0.00109	<0.00217	<0.00217	<16.4	22.6	<16.4	22.6	4.67
N. Exc. WSW #1	8'	10/25/2013	In-Situ	<0.00100	<0.00201	<0.00100	<0.00201	<0.00201	42.9	821	<15.0	864	8.52
10/31 Stockpile	N/A	10/31/2013	Stockpile	<0.000998	<0.00200	0.00157	0.00677	0.00834	62.3	1,170	<15.1	1,230	18.7
N. Exc. ESW #2	8'	10/31/2013	In-Situ	<0.000996	<0.00199	<0.000996	<0.00199	<0.00199	<15.9	21.8	<15.9	21.8	17.2
N. Exc. WSW #2	8'	10/31/2013	In-Situ	<0.00996	<0.00199	<0.00996	0.00283	0.00283	24.4	928	<16.3	952	16.9
N. Exc. NSW #1	8'	10/31/2013	In-Situ	<0.000994	<0.00199	<0.000994	<0.00199	<0.00199	29	461	<15.7	490	17.8
N. Exc. NSW #2	8'	10/31/2013	In-Situ	<0.000998	<0.00200	<0.000998	<0.00200	<0.00200	<16.1	215	<16.1	215	17.7
NMOCD Standard				**10**				**50**				**5,000**	**1,000**

- = Not analyzed.

TABLE 2
REGENCY - TRUNK "C" DRIP TANK
ANALYTICAL RESULTS

Sample ID	Date	Sample Depth (feet)	TPH (GRO C6-C12) (mg/Kg)	TPH (DRO C12-C28) (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
NMOCD - Recommended Remediation Action Levels			**NE**		***5,000***	***250***
SOIL BORING CONFIRMATION SAMPLES						
SB-1 @ BGT	9/10/2014	10'	-	-	-	-
SB-1 @ BGT	9/10/2014	15'	-	-	-	-
SB-1 @ BGT	9/10/2014	20'	-	-	-	**4010**
SB-1 @ BGT	9/10/2014	25'	-	-	-	**2630**
SB-1 @ BGT	9/10/2014	30'	-	-	-	**1440**
SB-1 @ BGT	9/10/2014	35'	-	-	-	**902**
SB-1 @ BGT	9/10/2014	40'	-	-	-	**559**
SB-1 @ BGT	9/10/2014	45'	-	-	-	**324**
SB-1 @ BGT	9/10/2014	50'	-	-	-	217
SB-2 @ TT-6	9/10/2014	10'	2,040	11,600	**13,640**	-
SB-2 @ TT-6	9/10/2014	15'	-	-	-	-
SB-2 @ TT-6	9/10/2014	20'	114	705	819	-
SB-2 @ TT-6	9/10/2014	25'	-	-	-	-
SB-2 @ TT-6	9/10/2014	30'	ND	86.7	86.7	-
SB-2 @ TT-6	9/10/2014	35'	ND	32.1	32.1	-
SB-2 @ TT-6	9/10/2014	40'	-	-	-	-
SB-3 @ SW Floor	9/11/2014	10'	895	2,830	3,725	-
SB-3 @ SW Floor	9/11/2014	15'	332	1,210	1,542	-
SB-3 @ SW Floor	9/11/2014	20'	235	652	887	-
SB-3 @ SW Floor	9/11/2014	25'	39	149	188	-
SB-3 @ SW Floor	9/11/2014	30'	ND	27	27	-
SB-3 @ SW Floor	9/11/2014	35'	-	-	-	-

mg/Kg- milligrams per Kilograms

NE - Not Established

- (Not Analyzed)

Concentrations in Bold and Highlighted exceed the NMOCD Guidelines

APPENDIX C

Photos

Staining from Tanks

Test Trench

Area of Excavation

Area of Excavation, Liner Installed

PVC Conduit Installation

Backfill

Backfill and Conduit

Backfill

Present Day with vegetation starting to grow.

APPENDIX D

Laboratory Analysis and Chain-of-Custody

CARDINAL Laboratories

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

August 20, 2013

JOEL LOWRY

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: TRUNK 'C' DRIP TANK #16

Enclosed are the results of analyses for samples received by the laboratory on 08/14/13 14:25.

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:	08/14/2013	Sampling Date:	08/13/2013
Reported:	08/20/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: TT-1 @ SURFACE (H301930-01)

BTEX 8021B mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2013	ND	2.11	105	2.00	0.780	
Toluene*	<0.050	0.050	08/19/2013	ND	2.06	103	2.00	0.502	
Ethylbenzene*	<0.050	0.050	08/19/2013	ND	2.21	111	2.00	1.68	
Total Xylenes*	<0.150	0.150	08/19/2013	ND	6.58	110	6.00	1.89	
Total BTEX	<0.300	0.300	08/19/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *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	**640**	16.0	08/15/2013	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/16/2013	ND	171	85.5	200	0.974	
DRO >C10-C28	**259**	10.0	08/16/2013	ND	179	89.5	200	1.31	
EXT DRO >C28-C35	**105**	10.0	08/16/2013	ND					

Surrogate: 1-Chlorooctane *76.9 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *98.6 %* *63.6-154*

Cardinal Laboratories *=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:	08/14/2013	Sampling Date:	08/13/2013
Reported:	08/20/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: TT-1 @ 3' (H301930-02)

BTEX 8021B mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2013	ND	2.11	105	2.00	0.780	
Toluene*	<0.050	0.050	08/19/2013	ND	2.06	103	2.00	0.502	
Ethylbenzene*	<0.050	0.050	08/19/2013	ND	2.21	111	2.00	1.68	
Total Xylenes*	<0.150	0.150	08/19/2013	ND	6.58	110	6.00	1.89	
Total BTEX	<0.300	0.300	08/19/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *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	**272**	16.0	08/15/2013	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/16/2013	ND	171	85.5	200	0.974	
DRO >C10-C28	<10.0	10.0	08/16/2013	ND	179	89.5	200	1.31	
EXT DRO >C28-C35	**11.2**	10.0	08/16/2013	ND					

Surrogate: 1-Chlorooctane *81.4 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *94.3 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

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:	08/14/2013	Sampling Date:	08/13/2013
Reported:	08/20/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: TT-1 @ 12' (H301930-03)

BTEX 8021B mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2013	ND	2.11	105	2.00	0.780	
Toluene*	<0.050	0.050	08/19/2013	ND	2.06	103	2.00	0.502	
Ethylbenzene*	<0.050	0.050	08/19/2013	ND	2.21	111	2.00	1.68	
Total Xylenes*	<0.150	0.150	08/19/2013	ND	6.58	110	6.00	1.89	
Total BTEX	<0.300	0.300	08/19/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	**784**	16.0	08/15/2013	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/16/2013	ND	171	85.5	200	0.974	
DRO >C10-C28	<10.0	10.0	08/16/2013	ND	179	89.5	200	1.31	
EXT DRO >C28-C35	<10.0	10.0	08/16/2013	ND					

Surrogate: 1-Chlorooctane *85.7 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *96.3 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

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:	08/14/2013	Sampling Date:	08/13/2013
Reported:	08/20/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: TT-3 @ 6' (H301930-04)

BTEX 8021B mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2013	ND	2.11	105	2.00	0.780	
Toluene*	<0.050	0.050	08/19/2013	ND	2.06	103	2.00	0.502	
Ethylbenzene*	<0.050	0.050	08/19/2013	ND	2.21	111	2.00	1.68	
Total Xylenes*	<0.150	0.150	08/19/2013	ND	6.58	110	6.00	1.89	
Total BTEX	<0.300	0.300	08/19/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	**192**	16.0	08/15/2013	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/16/2013	ND	171	85.5	200	0.974	
DRO >C10-C28	<10.0	10.0	08/16/2013	ND	179	89.5	200	1.31	
EXT DRO >C28-C35	<10.0	10.0	08/16/2013	ND					

Surrogate: 1-Chlorooctane *80.2 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *93.2 %* *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:	08/14/2013	Sampling Date:	08/13/2013
Reported:	08/20/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: TT-3 @ 12' (H301930-05)

BTEX 8021B mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2013	ND	2.11	105	2.00	0.780	
Toluene*	**0.076**	0.050	08/19/2013	ND	2.06	103	2.00	0.502	
Ethylbenzene*	<0.050	0.050	08/19/2013	ND	2.21	111	2.00	1.68	
Total Xylenes*	<0.150	0.150	08/19/2013	ND	6.58	110	6.00	1.89	
Total BTEX	<0.300	0.300	08/19/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *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	**112**	16.0	08/15/2013	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/16/2013	ND	171	85.5	200	0.974	
DRO >C10-C28	<10.0	10.0	08/16/2013	ND	179	89.5	200	1.31	
EXT DRO >C28-C35	<10.0	10.0	08/16/2013	ND					

Surrogate: 1-Chlorooctane *76.7 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *88.3 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

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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:	08/14/2013	Sampling Date:	08/13/2013
Reported:	08/20/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: TT-4 @ 3' (H301930-06)

BTEX 8021B mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2013	ND	2.11	105	2.00	0.780	
Toluene*	<0.050	0.050	08/20/2013	ND	2.06	103	2.00	0.502	
Ethylbenzene*	<0.050	0.050	08/20/2013	ND	2.21	111	2.00	1.68	
Total Xylenes*	<0.150	0.150	08/20/2013	ND	6.58	110	6.00	1.89	
Total BTEX	<0.300	0.300	08/20/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *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	**32.0**	16.0	08/15/2013	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/16/2013	ND	171	85.5	200	0.974	
DRO >C10-C28	<10.0	10.0	08/16/2013	ND	179	89.5	200	1.31	
EXT DRO >C28-C35	<10.0	10.0	08/16/2013	ND					

Surrogate: 1-Chlorooctane *82.0 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *94.2 %* *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:	08/14/2013	Sampling Date:	08/13/2013
Reported:	08/20/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: TT-4 @ 9' (H301930-07)

BTEX 8021B mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2013	ND	2.11	105	2.00	0.780	
Toluene*	<0.050	0.050	08/19/2013	ND	2.06	103	2.00	0.502	
Ethylbenzene*	<0.050	0.050	08/19/2013	ND	2.21	111	2.00	1.68	
Total Xylenes*	<0.150	0.150	08/19/2013	ND	6.58	110	6.00	1.89	
Total BTEX	<0.300	0.300	08/19/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	<16.0	16.0	08/15/2013	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/16/2013	ND	172	86.2	200	3.38	
DRO >C10-C28	<10.0	10.0	08/16/2013	ND	185	92.6	200	2.28	
EXT DRO >C28-C35	<10.0	10.0	08/16/2013	ND					

Surrogate: 1-Chlorooctane *83.3 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *95.5 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

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:	08/14/2013	Sampling Date:	08/13/2013
Reported:	08/20/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: TT-5 @ SURFACE (H301930-08)

BTEX 8021B mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2013	ND	2.11	105	2.00	0.780	
Toluene*	**0.143**	0.050	08/19/2013	ND	2.06	103	2.00	0.502	
Ethylbenzene*	**0.239**	0.050	08/19/2013	ND	2.21	111	2.00	1.68	
Total Xylenes*	**1.20**	0.150	08/19/2013	ND	6.58	110	6.00	1.89	
Total BTEX	**1.58**	0.300	08/19/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *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	<16.0	16.0	08/15/2013	ND	416	104	400	3.92	

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<100	100	08/16/2013	ND	172	86.2	200	3.38	
DRO >C10-C28	**1990**	100	08/16/2013	ND	185	92.6	200	2.28	
EXT DRO >C28-C35	**908**	100	08/16/2013	ND					

Surrogate: 1-Chlorooctane *85.4 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *193 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

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:	08/14/2013	Sampling Date:	08/13/2013
Reported:	08/20/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: TT-5 @ 6' (H301930-09)

BTEX 8021B mg/kg Analyzed By: DW S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	08/19/2013	ND	2.11	105	2.00	0.780	
Toluene*	**3.21**	1.00	08/19/2013	ND	2.06	103	2.00	0.502	
Ethylbenzene*	**9.37**	1.00	08/19/2013	ND	2.21	111	2.00	1.68	
Total Xylenes*	**34.5**	3.00	08/19/2013	ND	6.58	110	6.00	1.89	
Total BTEX	**47.1**	6.00	08/19/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *133 %* *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	<16.0	16.0	08/15/2013	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**843**	50.0	08/16/2013	ND	172	86.2	200	3.38	
DRO >C10-C28	**2830**	50.0	08/16/2013	ND	185	92.6	200	2.28	
EXT DRO >C28-C35	**420**	50.0	08/16/2013	ND					

Surrogate: 1-Chlorooctane *118 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *138 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

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:	08/14/2013	Sampling Date:	08/13/2013
Reported:	08/20/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: TT-5 @ 13' (H301930-10)

BTEX 8021B mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	08/19/2013	ND	2.11	105	2.00	0.780	
Toluene*	**12.3**	2.00	08/19/2013	ND	2.06	103	2.00	0.502	
Ethylbenzene*	**12.8**	2.00	08/19/2013	ND	2.21	111	2.00	1.68	
Total Xylenes*	**83.9**	6.00	08/19/2013	ND	6.58	110	6.00	1.89	
Total BTEX	**109**	12.0	08/19/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *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	<16.0	16.0	08/15/2013	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**1640**	50.0	08/16/2013	ND	172	86.2	200	3.38	
DRO >C10-C28	**2850**	50.0	08/16/2013	ND	185	92.6	200	2.28	
EXT DRO >C28-C35	**318**	50.0	08/16/2013	ND					

Surrogate: 1-Chlorooctane *137 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *123 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

LAB Order ID # H301930

Page 1 of 1

Cardinal Laboratories

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

Company Name:	Basin Environmental Service Technologies, LLC	**Phone #:**	(575)396-2378
Address:	P.O. Box 301 Lovington, NM 88260	**Fax #:**	(575)396-1429
Contact Person:	Joel Lowry	**E-mail:**	pm@basinenv.com,phillip.little@sug.com, cyndi.inskeep@regencygas.com, rachel.johnson@regencygas.com
Invoice to:	Regency Field Services		
Project #:		**Project Name:**	Trunk "C" Drip Tank #16
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	Hold For BTEX, If TPH <100 ppm Run BTEX	Turn Around Time if different from standard	Hold
1	TT-1 @ Surface	G	1		x							x		8/13/13	900	x	x	x			
2	TT-1 @ 3'	G	1		x							x		8/13/13	910	x	x	x			
3	TT-1 @ 12'	G	1		x							x		8/13/13	920	x	x	x			
4	TT-3 @ 6'	G	1		x							x		8/13/13	1000	x	x	x			
5	TT-3 @ 12'	G	1		x							x		8/13/13	1010	x	x	x			
6	TT-4 @ 3'	G	1		x							x		8/13/13	1100	x	x	x			
7	TT-4 @ 9'	G	1		x							x		8/13/13	1120	x	x	x			
8	TT-5 @ Surface	G	1		x							x		8/13/13	1300	x	x	x			
9	TT-5 @ 6'	G	1		x							x		8/13/13	1310	x	x	x			
10	TT-5 @ 13'	G	1		x							x		8/13/13	1320	x	x	x			

Relinquished by: Joel Lowry	Company:	Date: 8/13/13	Time: 8:00	Received by:	Company:	Date: 8/13/13	Time: 8:00	INST ____ OBS ____ °C COR ____ °C
Relinquished by:	Company:	Date: 8/13/13	Time: 2:25	Received by:	Company:	Date:	Time:	INST ____ OBS ____ °C COR ____ °C
Relinquished by:	Company:	Date:	Time:	Received by: Kathy Perry	Company:	Date: 8/14/13	Time: 2:25pm	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

ORIGINAL COPY

L.D.'c #54

CARDINAL Laboratories

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

August 27, 2013

JOEL LOWRY

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: TRUNK 'C' DRIP TANK #16

Enclosed are the results of analyses for samples received by the laboratory on 08/22/13 13:20.

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:	08/22/2013	Sampling Date:	08/22/2013
Reported:	08/27/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	LEA COUNTY, NM		

Sample ID: TT-5 @ 17' (H302016-01)

BTEX 8021B mg/kg Analyzed By: DW S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	08/27/2013	ND	2.20	110	2.00	6.60	
Toluene*	**2.23**	0.200	08/27/2013	ND	2.14	107	2.00	6.10	
Ethylbenzene*	**4.93**	0.200	08/27/2013	ND	2.18	109	2.00	6.27	
Total Xylenes*	**24.8**	0.600	08/27/2013	ND	6.47	108	6.00	6.45	
Total BTEX	**32.0**	1.20	08/27/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *157 %* *89.4-126*

TPH 8015M mg/kg Analyzed By: AR/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**391**	10.0	08/26/2013	ND	191	95.7	200	3.91	
DRO >C10-C28	**795**	10.0	08/26/2013	ND	186	93.0	200	5.56	
EXT DRO >C28-C35	**64.7**	10.0	08/26/2013	ND					

Surrogate: 1-Chlorooctane *112 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *111 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

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:	08/22/2013	Sampling Date:	08/22/2013
Reported:	08/27/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	LEA COUNTY, NM		

Sample ID: TT-5 @ 20' (H302016-02)

BTEX 8021B mg/kg Analyzed By: DW S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**0.429**	0.200	08/23/2013	ND	2.10	105	2.00	3.04	
Toluene*	**6.71**	0.200	08/23/2013	ND	2.14	107	2.00	1.21	
Ethylbenzene*	**9.80**	0.200	08/23/2013	ND	2.22	111	2.00	1.37	
Total Xylenes*	**47.6**	0.600	08/23/2013	ND	6.70	112	6.00	1.13	
Total BTEX	**64.5**	1.20	08/23/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID	*187 %*	*89.4-126*

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**681**	10.0	08/23/2013	ND	190	94.8	200	4.64	
DRO >C10-C28	**1000**	10.0	08/23/2013	ND	194	97.1	200	5.21	
EXT DRO >C28-C35	**95.1**	10.0	08/23/2013	ND					

Surrogate: 1-Chlorooctane	*106 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*93.9 %*	*63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Regency Field Services
Project Manager:	Joel Lowery
Address:	3100 Plains Hwy
City:	Lovington
State:	NM
Zip:	88260
Phone #:	432-686-4050
Fax #:	
Project #:	
Project Owner:	Regency Field
Project Name:	Trunk "C" Drip Tank #16
Project Location:	
Sampler Name:	Joel Lowery

BILL TO

P.O. #:	
Company:	Regency Field
Attn:	
Address:	
City:	
State:	Zip:
Phone #:	
Fax #:	

ANALYSIS REQUEST

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	BTEX, TPH	Hold added 8/26/13	Rush
#302016-01	TT-5 @ 17'	G	1			X					X		8/22/13	12:30	X	X	X
02	TT-5 @ 20'	G	1			X					X		8/22/13	12:45	X		X

Relinquished By:	Date: 8/22/13	Received By:	
Relinquished By:	Time: 1:20	Received By:	
	Date:		
	Time:		

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

6.8°C

Sample Condition: Cool ☐ Yes ☑ No; Intact ☑ Yes ☐ No

CHECKED BY: (Initials)

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:
Email Cyndi Inskeep
Rachel Johnson
Phillip Little
Joel Lowery

RUSH Sample @20'
Hold Sample @17'
samples just taken + brought to lab. Ch

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

#54

CARDINAL Laboratories

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

August 30, 2013

JOEL LOWRY

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: TRUNK 'O' DRIP TANK #16

Enclosed are the results of analyses for samples received by the laboratory on 08/29/13 8:50.

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:	08/29/2013	Sampling Date:	08/28/2013
Reported:	08/30/2013	Sampling Type:	Soil
Project Name:	TRUNK 'O' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: BGT WEST WALL (H302077-01)

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2013	ND	2.22	111	2.00	13.0	
Toluene*	<0.050	0.050	08/29/2013	ND	2.11	105	2.00	9.88	
Ethylbenzene*	<0.050	0.050	08/29/2013	ND	2.05	102	2.00	10.5	
Total Xylenes*	<0.150	0.150	08/29/2013	ND	6.12	102	6.00	9.59	
Total BTEX	<0.300	0.300	08/29/2013	ND					

Surrogate: Dibromofluoromethane	*103 %*	*61.3-142*
Surrogate: Toluene-d8	*102 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*107 %*	*65.7-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	08/30/2013	ND	400	100	400	7.69	

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/29/2013	ND	179	89.5	200	2.67	
DRO >C10-C28	<10.0	10.0	08/29/2013	ND	193	96.4	200	3.95	
EXT DRO >C28-C35	**10.8**	10.0	08/29/2013	ND					

Surrogate: 1-Chlorooctane	*110 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*115 %*	*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:	08/29/2013	Sampling Date:	08/28/2013
Reported:	08/30/2013	Sampling Type:	Soil
Project Name:	TRUNK 'O' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: BGT NORTH WALL (H302077-02)

BTEX 8260B mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2013	ND	2.22	111	2.00	13.0	
Toluene*	<0.050	0.050	08/29/2013	ND	2.11	105	2.00	9.88	
Ethylbenzene*	<0.050	0.050	08/29/2013	ND	2.05	102	2.00	10.5	
Total Xylenes*	<0.150	0.150	08/29/2013	ND	6.12	102	6.00	9.59	
Total BTEX	<0.300	0.300	08/29/2013	ND					

Surrogate: Dibromofluoromethane	*105 %*	*61.3-142*
Surrogate: Toluene-d8	*100 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*105 %*	*65.7-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/30/2013	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: AR/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/29/2013	ND	179	89.5	200	2.67	
DRO >C10-C28	<10.0	10.0	08/29/2013	ND	193	96.4	200	3.95	
EXT DRO >C28-C35	<10.0	10.0	08/29/2013	ND					

Surrogate: 1-Chlorooctane	*110 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*113 %*	*63.6-154*

Cardinal Laboratories *=Accredited Analyte

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:	08/29/2013	Sampling Date:	08/28/2013
Reported:	08/30/2013	Sampling Type:	Soil
Project Name:	TRUNK 'O' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: BGT EAST WALL (H302077-03)

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2013	ND	2.22	111	2.00	13.0	
Toluene*	<0.050	0.050	08/29/2013	ND	2.11	105	2.00	9.88	
Ethylbenzene*	<0.050	0.050	08/29/2013	ND	2.05	102	2.00	10.5	
Total Xylenes*	<0.150	0.150	08/29/2013	ND	6.12	102	6.00	9.59	
Total BTEX	<0.300	0.300	08/29/2013	ND					

Surrogate: Dibromofluoromethane	*107 %*	*61.3-142*
Surrogate: Toluene-d8	*101 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*107 %*	*65.7-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2013	ND	400	100	400	7.69	

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/29/2013	ND	179	89.5	200	2.67	
DRO >C10-C28	**28.0**	10.0	08/29/2013	ND	193	96.4	200	3.95	
EXT DRO >C28-C35	**27.1**	10.0	08/29/2013	ND					

Surrogate: 1-Chlorooctane	*120 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*129 %*	*63.6-154*

Cardinal Laboratories *=Accredited Analyte

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:	08/29/2013	Sampling Date:	08/28/2013
Reported:	08/30/2013	Sampling Type:	Soil
Project Name:	TRUNK 'O' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: BGT SOUTH WALL (H302077-04)

BTEX 8260B mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2013	ND	2.22	111	2.00	13.0	
Toluene*	<0.050	0.050	08/29/2013	ND	2.11	105	2.00	9.88	
Ethylbenzene*	<0.050	0.050	08/29/2013	ND	2.05	102	2.00	10.5	
Total Xylenes*	<0.150	0.150	08/29/2013	ND	6.12	102	6.00	9.59	
Total BTEX	<0.300	0.300	08/29/2013	ND					

Surrogate: Dibromofluoromethane	*105 %*	*61.3-142*
Surrogate: Toluene-d8	*101 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*105 %*	*65.7-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	08/30/2013	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: AR/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/29/2013	ND	179	89.5	200	2.67	
DRO >C10-C28	<10.0	10.0	08/29/2013	ND	193	96.4	200	3.95	
EXT DRO >C28-C35	<10.0	10.0	08/29/2013	ND					

Surrogate: 1-Chlorooctane	*110 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*115 %*	*63.6-154*

Cardinal Laboratories *=Accredited Analyte

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:	08/29/2013	Sampling Date:	08/28/2013
Reported:	08/30/2013	Sampling Type:	Soil
Project Name:	TRUNK 'O' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: BGT FLOOR (H302077-05)

BTEX 8260B mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2013	ND	2.22	111	2.00	13.0	
Toluene*	<0.050	0.050	08/29/2013	ND	2.11	105	2.00	9.88	
Ethylbenzene*	<0.050	0.050	08/29/2013	ND	2.05	102	2.00	10.5	
Total Xylenes*	<0.150	0.150	08/29/2013	ND	6.12	102	6.00	9.59	
Total BTEX	<0.300	0.300	08/29/2013	ND					

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

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1390**	16.0	08/30/2013	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: AR/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/29/2013	ND	179	89.5	200	2.67	
DRO >C10-C28	<10.0	10.0	08/29/2013	ND	193	96.4	200	3.95	
EXT DRO >C28-C35	<10.0	10.0	08/29/2013	ND					

Surrogate: 1-Chlorooctane	*97.2 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*99.6 %*	*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:	08/29/2013	Sampling Date:	08/28/2013
Reported:	08/30/2013	Sampling Type:	Soil
Project Name:	TRUNK 'O' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: TT-6 @ 15' (H302077-06)

BTEX 8260B mg/kg Analyzed By: CK S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	08/29/2013	ND	2.22	111	2.00	13.0	
Toluene*	<0.500	0.500	08/29/2013	ND	2.11	105	2.00	9.88	
Ethylbenzene*	**2.52**	0.500	08/29/2013	ND	2.05	102	2.00	10.5	
Total Xylenes*	**5.89**	1.50	08/29/2013	ND	6.12	102	6.00	9.59	
Total BTEX	**8.41**	3.00	08/29/2013	ND					

Surrogate: Dibromofluoromethane	*103 %*	*61.3-142*
Surrogate: Toluene-d8	*102 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*142 %*	*65.7-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2013	ND	400	100	400	7.69	

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**644**	50.0	08/29/2013	ND	179	89.5	200	2.67	
DRO >C10-C28	**4240**	50.0	08/29/2013	ND	193	96.4	200	3.95	
EXT DRO >C28-C35	**219**	50.0	08/29/2013	ND					

Surrogate: 1-Chlorooctane	*162 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*143 %*	*63.6-154*

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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:	08/29/2013	Sampling Date:	08/28/2013
Reported:	08/30/2013	Sampling Type:	Soil
Project Name:	TRUNK 'O' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: TT-6 @ 20' (H302077-07)

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.400	0.400	08/29/2013	ND	2.22	111	2.00	13.0	
Toluene*	<0.400	0.400	08/29/2013	ND	2.11	105	2.00	9.88	
Ethylbenzene*	**1.48**	0.400	08/29/2013	ND	2.05	102	2.00	10.5	
Total Xylenes*	**4.14**	1.20	08/29/2013	ND	6.12	102	6.00	9.59	
Total BTEX	**5.62**	2.40	08/29/2013	ND					

Surrogate: Dibromofluoromethane	*107 %*	*61.3-142*
Surrogate: Toluene-d8	*102 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*137 %*	*65.7-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/30/2013	ND	400	100	400	7.69	

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**384**	50.0	08/29/2013	ND	179	89.5	200	2.67	
DRO >C10-C28	**3820**	50.0	08/29/2013	ND	193	96.4	200	3.95	
EXT DRO >C28-C35	**310**	50.0	08/29/2013	ND					

Surrogate: 1-Chlorooctane	*144 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*140 %*	*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:	08/29/2013	Sampling Date:	08/28/2013
Reported:	08/30/2013	Sampling Type:	Soil
Project Name:	TRUNK 'O' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: TT-6 @ 25' (H302077-08)

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.800	0.800	08/30/2013	ND	2.22	111	2.00	13.0	
Toluene*	<0.800	0.800	08/30/2013	ND	2.11	105	2.00	9.88	
Ethylbenzene*	**3.79**	0.800	08/30/2013	ND	2.05	102	2.00	10.5	
Total Xylenes*	**9.98**	2.40	08/30/2013	ND	6.12	102	6.00	9.59	
Total BTEX	**13.8**	4.80	08/30/2013	ND					

Surrogate: Dibromofluoromethane	*105 %*	*61.3-142*
Surrogate: Toluene-d8	*101 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*135 %*	*65.7-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2013	ND	400	100	400	7.69	

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**759**	50.0	08/29/2013	ND	179	89.5	200	2.67	
DRO >C10-C28	**5380**	50.0	08/29/2013	ND	193	96.4	200	3.95	
EXT DRO >C28-C35	**454**	50.0	08/29/2013	ND					

Surrogate: 1-Chlorooctane	*171 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*159 %*	*63.6-154*

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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:	08/29/2013	Sampling Date:	08/28/2013
Reported:	08/30/2013	Sampling Type:	Soil
Project Name:	TRUNK 'O' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: TT 6 @ 30' (H302077-09)

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.400	0.400	08/30/2013	ND	2.22	111	2.00	13.0	
Toluene*	<0.400	0.400	08/30/2013	ND	2.11	105	2.00	9.88	
Ethylbenzene*	**1.46**	0.400	08/30/2013	ND	2.05	102	2.00	10.5	
Total Xylenes*	**4.16**	1.20	08/30/2013	ND	6.12	102	6.00	9.59	
Total BTEX	**5.62**	2.40	08/30/2013	ND					

Surrogate: Dibromofluoromethane	*105 %*	*61.3-142*
Surrogate: Toluene-d8	*102 %*	*71.3-129*
Surrogate: 4-Bromofluorobenzene	*140 %*	*65.7-141*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/30/2013	ND	400	100	400	7.69	

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**438**	50.0	08/29/2013	ND	179	89.5	200	2.67	
DRO >C10-C28	**4720**	50.0	08/29/2013	ND	193	96.4	200	3.95	
EXT DRO >C28-C35	**377**	50.0	08/29/2013	ND					

Surrogate: 1-Chlorooctane	*154 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*149 %*	*63.6-154*

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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

Celey D. Keene, Lab Director/Quality Manager

LAB Order ID # H302077

Page 1 of 1

Cardinal Laboratories

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

Company Name:	Basin Environmental Service Technologies, LLC	Phone #:	(575)396-2378
Address:	P.O. Box 301 Lovington, NM 88260	Fax #:	(575)396-1429
Contact Person:	Joel Lowry	E-mail:	pm@basinenv.com,phillip.little@sug.com, cyndi.inskeep@regencygas.com, rachel.johnson@regencygas.com
Invoice to:	Regency Field Services		
Project #:		Project Name:	Trunk "O" Drip Tank #16
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	Hold For BTEX, If TPH <100 ppm Run BTEX	Turn Around Time if different from standard	Hold
1	BGT West Wall	G	1		x							x		8/28/13	0900	x	x	x				
2	BGT North Wall	G	1		x							x		8/28/13	0910	x	x	x				
3	BGT East Wall	G	1		x							x		8/28/13	0920	x	x	x				
4	BGT South Wall	G	1		x							x		8/28/13	0930	x	x	x				
5	BGT Floor	G	1		x							x		8/28/13	940	x	x	x				
6	TT-6 @ 15'	G	1		x							x		8/28/13	1240	x	x	x	x			
7	TT-6 @ 20'	G	1		x							x		8/28/13	1250	x	x	x	x			
8	TT-6 @ 25'	G	1		x							x		8/28/13	1300	x	x	x	x			
9	TT-6 @ 30'	G	1		x							x		8/28/13	1310	x	x	x	x			

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
Joel Lowry		8/28/13	0800			8/29-13	8:00	INST ____ OBS ____ °C COR ____ °C
		8-29-13	4:50	Jodi Henson		8/29/13		INST 54 OBS ____ °C COR 5.9 °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

ORIGINAL COPY

CARDINAL Laboratories

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

September 09, 2013

JOEL LOWRY

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: TRUNK 'C' DRIP TANK #16

Enclosed are the results of analyses for samples received by the laboratory on 09/06/13 16:15.

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

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:	09/06/2013	Sampling Date:	09/05/2013
Reported:	09/09/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: 9/5 STOCKPILE (H302167-01)

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/09/2013	ND	400	100	400	3.92	

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**292**	10.0	09/09/2013	ND	208	104	200	0.475	
DRO >C10-C28	**5380**	10.0	09/09/2013	ND	192	96.1	200	3.54	
EXT DRO >C28-C35	**702**	10.0	09/09/2013	ND					

Surrogate: 1-Chlorooctane	*110 %*	*65.2-140*
Surrogate: 1-Chlorooctadecane	*151 %*	*63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

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

Celey D. Keene, Lab Director/Quality Manager

LAB Order ID # H302167

Page 1 of 1

Cardinal Laboratories

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

Company Name:	Basin Environmental Service Technologies, LLC	Phone #:	(575)396-2378
Address:	P.O. Box 301 Lovington, NM 88260	Fax #:	(575)396-1429
Contact Person:	Joel Lowry	E-mail:	pm@basinenv.com,phillip.little@sug.com, cyndi.inskeep@regencygas.com, rachel.johnson@regencygas.com
Invoice to:	Regency Field Services		
Project #:		Project Name:	Trunk "C" Drip Tank #16
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	Hold For BTEX, If TPH <100 ppm Run BTEX	Turn Around Time if different from standard	Hold
1	9/5 Stockpile	C	1		X							X		9/5/13	1430	X	X		X			

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
Joel Lowry		9/6/13	1330	Tamara Oates	Basin	9/6/13	1330	INST ____ OBS ____ °C COR ____ °C
Tamara Oates	Basin	9/6/13	4:15	Jodi Henson		9/6/13	4:15	INST 5.4 OBS ____ °C COR 5.9 °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

September 11, 2013

JOEL LOWRY

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: TRUNK 'C' DRIP TANK #16

Enclosed are the results of analyses for samples received by the laboratory on 09/10/13 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:	09/10/2013	Sampling Date:	09/09/2013
Reported:	09/11/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: 9/9 STOCKPILE #2 (H302172-01)

BTEX 8021B mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2013	ND	1.85	92.6	2.00	6.48	
Toluene*	<0.050	0.050	09/10/2013	ND	1.87	93.3	2.00	7.38	
Ethylbenzene*	**0.198**	0.050	09/10/2013	ND	1.93	96.4	2.00	7.53	
Total Xylenes*	**0.363**	0.150	09/10/2013	ND	5.78	96.3	6.00	8.29	
Total BTEX	**0.561**	0.300	09/10/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *127 %* *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	<16.0	16.0	09/10/2013	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**35.7**	10.0	09/10/2013	ND	208	104	200	0.650	
DRO >C10-C28	**875**	10.0	09/10/2013	ND	200	99.9	200	0.352	
EXT DRO >C28-C35	**290**	10.0	09/10/2013	ND					

Surrogate: 1-Chlorooctane *88.0 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *116 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Regency Gas Services
Project Manager:	JOEL LOWRY
Address:	3100 Plains
City:	Lovington State: NM Zip: 88260
Phone #:	Fax #:
Project #:	Project Owner:
Project Name:	Trunk "C" Drip Tank #16
Project Location:	" "
Sampler Name:	JOEL LOWRY

BILL TO

P.O. #:	Regency Gas
Company:	Regency Gas
Attn:	
Address:	
City:	
State:	Zip:
Phone #:	
Fax #:	

ANALYSIS REQUEST

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	TPH Rush	Cl⁻	BTEX
H30217-1	9/9 Stockpile #2	C	1			X					X		9/9/13	9:30	X	X	X

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Joel Lowry	Date: 9/10/13 Time: 8:45	Received By: Jodi Henson
Relinquished By:		Date: Time:	Received By:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: 5.7°C

Sample Condition: Cool: ☑ Yes ☐ No — Intact: ☑ Yes ☐ No

CHECKED BY: (Initials)

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

#54

CARDINAL Laboratories

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

October 01, 2013

JOEL LOWRY

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: TRUNK 'C' DRIP TANK #16

Enclosed are the results of analyses for samples received by the laboratory on 09/30/13 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:	09/30/2013	Sampling Date:	09/27/2013
Reported:	10/01/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: BGT TT @ 21' (H302362-01)

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6480**	16.0	09/30/2013	ND	400	100	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

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

Celey D. Keene, Lab Director/Quality Manager

LAB Order ID # H302362

Cardinal Laboratories

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

Company Name: Basin Environmental Service Technologies, LLC	**Phone #:** (575)396-2378
Address: P.O. Box 301, Lovington, NM 88260	**Fax #:** (575)396-1429
Contact Person: Joel Lowry	**E-mail:** pm@basinenv.com,phillip.little@sug.com, cyndi.inskeep@regencygas.com, rachel.johnson@regencygas.com
Invoice to: Regency Field Services	
Project #:	**Project Name:** Trunk "C" Drip Tank #16
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	Hold For BTEX, If TPH <100 ppm Run BTEX	Turn Around Time if different from standard	Hold
1	BGT TT @ 21'	C	1		X							X		9/27/13	1130	X			X			

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
Joel Lowry		9/30/13	8:00			9/30/13	8:00	INST ____ OBS ____ °C COR ____ °C
		9-30-13	8:30	Cyndi Henson		9/30/13	8:30	INST #54 OBS D.2 °C COR ____ °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

ORIGINAL COPY

CARDINAL Laboratories

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

October 02, 2013

JOEL LOWRY

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: TRUNK 'C' DRIP TANK #16

Enclosed are the results of analyses for samples received by the laboratory on 10/01/13 15:40.

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.

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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:	10/01/2013	Sampling Date:	10/01/2013
Reported:	10/02/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: WSW #1 (H302383-01)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	10/02/2013	ND	1.99	99.3	2.00	0.254	
Toluene*	<0.100	0.100	10/02/2013	ND	2.02	101	2.00	0.364	
Ethylbenzene*	<0.100	0.100	10/02/2013	ND	2.04	102	2.00	0.293	
Total Xylenes*	<0.300	0.300	10/02/2013	ND	6.27	105	6.00	0.651	
Total BTEX	<0.600	0.600	10/02/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *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	<16.0	16.0	10/02/2013	ND	432	108	400	3.64	

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	10/02/2013	ND	201	101	200	0.897	
DRO >C10-C28	**1170**	50.0	10/02/2013	ND	199	99.7	200	0.688	
EXT DRO >C28-C35	**514**	50.0	10/02/2013	ND					

Surrogate: 1-Chlorooctane *76.1 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *151 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

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:	10/01/2013	Sampling Date:	10/01/2013
Reported:	10/02/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: WSW #2 (H302383-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/02/2013	ND	1.99	99.3	2.00	0.254	
Toluene*	<0.050	0.050	10/02/2013	ND	2.02	101	2.00	0.364	
Ethylbenzene*	<0.050	0.050	10/02/2013	ND	2.04	102	2.00	0.293	
Total Xylenes*	<0.150	0.150	10/02/2013	ND	6.27	105	6.00	0.651	
Total BTEX	<0.300	0.300	10/02/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *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	<16.0	16.0	10/02/2013	ND	432	108	400	3.64	

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	10/02/2013	ND	201	101	200	0.897	
DRO >C10-C28	<10.0	10.0	10/02/2013	ND	199	99.7	200	0.688	
EXT DRO >C28-C35	<10.0	10.0	10/02/2013	ND					

Surrogate: 1-Chlorooctane *88.3 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *94.3 %* *63.6-154*

Cardinal Laboratories

*=Accredited Analyte

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:	10/01/2013	Sampling Date:	10/01/2013
Reported:	10/02/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: 10/1 STOCKPILE (H302383-03)

BTEX 8021B mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	10/02/2013	ND	1.97	98.6	2.00	1.41	
Toluene*	**0.297**	0.200	10/02/2013	ND	2.03	102	2.00	2.05	
Ethylbenzene*	**0.969**	0.200	10/02/2013	ND	2.13	106	2.00	1.11	
Total Xylenes*	**3.94**	0.600	10/02/2013	ND	6.56	109	6.00	1.13	
Total BTEX	**5.21**	1.20	10/02/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *158 %* *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	<16.0	16.0	10/02/2013	ND	432	108	400	3.64	

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	10/02/2013	ND	201	101	200	0.897	
DRO >C10-C28	**1340**	50.0	10/02/2013	ND	199	99.7	200	0.688	
EXT DRO >C28-C35	**291**	50.0	10/02/2013	ND					

Surrogate: 1-Chlorooctane *86.2 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *125 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Basin Environmental	**BILL TO**	**P.O. #:** Regency	**ANALYSIS REQUEST**
Project Manager: Joel Lowry		**Company:** Regency	
Address: 3100 Plains Hwy		**Attn:**	
City: Lovington **State:** NM **Zip:** 88260		**Address:**	
Phone #: **Fax #:**		**City:**	
Project #: **Project Owner:**		**State:** **Zip:**	
Project Name: Trunk "C" Drip Tank #16		**Phone #:**	
Project Location:		**Fax #:**	
Sampler Name: Joel Lowry			

FOR LAB USE ONLY				MATRIX							PRESERV.			SAMPLING													
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	**DATE**	**TIME**	BTEX	TPHC	Cl		RUSH								
H302388																											
1	WSW #1	C	1			X					X		10/1/13	2:30	X	X	X		X								
2	WSW #2	C	1			X					X		10/1/13	2:45	X	X	X		X								
3	10/1 Stockpile	C	1			X					X		10/1/13	3:30	X	X	X		X								

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Joel Lowry	**Date:** 10/1/13 **Time:** 3:40	**Received By:** Jodi Henson	**Phone Result:** ☐ Yes ☐ No **Add'l Phone #:**
Relinquished By:	**Date:** **Time:**	**Received By:**	**Fax Result:** ☐ Yes ☐ No **Add'l Fax #:**
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 4.2°C	**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	**CHECKED BY: (Initials)** HH	**REMARKS:** Email R. Johnson, P. Little, C. Inskeep, J. Lowry

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

#54

CARDINAL Laboratories

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

October 04, 2013

JOEL LOWRY

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: TRUNK 'C' DRIP TANK #16

Enclosed are the results of analyses for samples received by the laboratory on 10/03/13 12:22.

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.

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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:	10/03/2013	Sampling Date:	10/03/2013
Reported:	10/04/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SSW #2B (H302397-01)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2013	ND	1.92	95.8	2.00	3.59	
Toluene*	<0.050	0.050	10/04/2013	ND	1.74	87.0	2.00	3.55	
Ethylbenzene*	<0.050	0.050	10/04/2013	ND	1.74	87.1	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/04/2013	ND	5.16	86.0	6.00	3.62	
Total BTEX	<0.300	0.300	10/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *89.4-126*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/03/2013	ND	416	104	400	3.92	

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	10/03/2013	ND	200	100	200	3.46	
DRO >C10-C28	<10.0	10.0	10/03/2013	ND	189	94.4	200	4.30	
EXT DRO >C28-C35	<10.0	10.0	10/03/2013	ND					

Surrogate: 1-Chlorooctane *106 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *113 %* *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:	10/03/2013	Sampling Date:	10/03/2013
Reported:	10/04/2013	Sampling Type:	Soil
Project Name:	TRUNK 'C' DRIP TANK #16	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: NW CORNER (H302397-02)

BTEX 8021B mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**0.525**	0.500	10/04/2013	ND	1.92	95.8	2.00	3.59	
Toluene*	**0.734**	0.500	10/04/2013	ND	1.74	87.0	2.00	3.55	
Ethylbenzene*	**8.94**	0.500	10/04/2013	ND	1.74	87.1	2.00	3.95	
Total Xylenes*	**9.36**	1.50	10/04/2013	ND	5.16	86.0	6.00	3.62	
Total BTEX	**19.6**	3.00	10/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *132 %* *89.4-126*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/03/2013	ND	416	104	400	3.92	

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	**679**	200	10/03/2013	ND	200	100	200	3.46	
DRO >C10-C28	**13500**	200	10/03/2013	ND	189	94.4	200	4.30	
EXT DRO >C28-C35	**2930**	200	10/03/2013	ND					

Surrogate: 1-Chlorooctane *152 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *423 %* *63.6-154*

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Basin Environmental		**BILL TO**	
Project Manager: Jodi Henson		P.O. #:	
Address: 3100 Plains		Company: Regency	
City: Lovington	State: NM Zip: 88260	Attn:	
Phone #:	Fax #:	Address:	
Project #:	Project Owner:	City:	
Project Name: Tremaine D.T. #16		State: Zip:	
Project Location:		Phone #:	
Sampler Name: Jodi Henson		Fax #:	

FOR LAB USE ONLY				MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	Cl-										
H302397																											
1	SSW #26	C	1			X					X		10/3/13	11:30	X	X	X										
2	NW Corner	C	1			X					X		10/3/13	11:30	X	X	X										

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Jodi Henson	Date: 10/3/13 Time: 12:22	Received By: Jodi Henson	Phone Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Fax Result: ☐ Yes ☐ No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 11.2°C	Sample Condition Cool: ☐ Yes ☑ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials)	REMARKS: samples taken & brought directly to lab. RUSH!!

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

#54

Analytical Report 472834

for

Regency Gas

Project Manager: Joel Lowry

Trunk "C" Drip Tank #16 Historical

29-OCT-13

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-13-15-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

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

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

29-OCT-13

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

Reference: XENCO Report No(s): **472834**
Trunk "C" Drip Tank #16 Historical
Project Address: Lea County, NM

Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 472834. 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. 472834 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Kelsey Brooks
Project Manager

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

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

Sample Cross Reference 472834

Regency Gas, Monahans, TX

Trunk "C" Drip Tank #16 Historical

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
10/23 Stockpile #1	S	10-23-13 15:30		472834-001

CASE NARRATIVE

Client Name: Regency Gas

Project Name: Trunk "C" Drip Tank #16 Historical

Project ID:
Work Order Number(s): *472834*

Report Date: *29-OCT-13*
Date Received: *10/24/2013*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 472834

Regency Gas, Monahans, TX

Project Name: Trunk "C" Drip Tank #16 Historical

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

Date Received in Lab: Thu Oct-24-13 08:33 am
Report Date: 29-OCT-13
Project Manager: Kelsey Brooks

Analysis Requested							
	Lab Id:	472834-001					
	Field Id:	10/23 Stockpile #1					
	Depth:						
	Matrix:	SOIL					
	Sampled:	Oct-23-13 15:30					
BTEX by EPA 8021B	***Extracted:***	Oct-29-13 13:00					
	Analyzed:	Oct-29-13 16:03					
	Units/RL:	mg/kg	RL				
Benzene		ND	0.00612				
Toluene		ND	0.0122				
Ethylbenzene		ND	0.00612				
m,p-Xylenes		ND	0.0122				
o-Xylene		ND	0.00612				
Total Xylenes		ND	0.00612				
Total BTEX		ND	0.00612				
Inorganic Anions by EPA 300/300.1	***Extracted:***	Oct-28-13 10:00					
	Analyzed:	Oct-28-13 13:31					
	Units/RL:	mg/kg	RL				
Chloride		22.4	12.2				
Percent Moisture	***Extracted:***						
	Analyzed:	Oct-25-13 16:00					
	Units/RL:	%	RL				
Percent Moisture		18.3	1.00				
TPH By SW8015 Mod	***Extracted:***	Oct-25-13 12:00					
	Analyzed:	Oct-25-13 14:25					
	Units/RL:	mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		200	18.4				
C12-C28 Diesel Range Hydrocarbons		1550	18.4				
C28-C35 Oil Range Hydrocarbons		ND	18.4				
Total TPH		1750	18.4				

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: Trunk "C" Drip Tank #16 Historical

Work Orders : 472834,

Project ID:

Lab Batch #: 926156 **Sample:** 472834-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/25/13 14:25

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	124	100	124	70-135	
o-Terphenyl	59.4	50.0	119	70-135	

Lab Batch #: 926297 **Sample:** 472834-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/29/13 16:03

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0264	0.0300	88	80-120	
4-Bromofluorobenzene	0.0304	0.0300	101	80-120	

Lab Batch #: 926156 **Sample:** 645983-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/25/13 13:57

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	114	100	114	70-135	
o-Terphenyl	53.2	50.0	106	70-135	

Lab Batch #: 926297 **Sample:** 646116-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/29/13 14:59

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0272	0.0300	91	80-120	
4-Bromofluorobenzene	0.0274	0.0300	91	80-120	

Lab Batch #: 926156 **Sample:** 645983-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/25/13 12:59

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	124	100	124	70-135	
o-Terphenyl	54.0	50.0	108	70-135	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: Trunk "C" Drip Tank #16 Historical

Work Orders : 472834,

Project ID:

Lab Batch #: 926297 **Sample:** 646116-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/29/13 14:11

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0302	0.0300	101	80-120	
4-Bromofluorobenzene	0.0326	0.0300	109	80-120	

Lab Batch #: 926156 **Sample:** 645983-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/25/13 13:28

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	124	100	124	70-135	
o-Terphenyl	59.9	50.0	120	70-135	

Lab Batch #: 926297 **Sample:** 646116-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/29/13 14:28

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0308	0.0300	103	80-120	
4-Bromofluorobenzene	0.0329	0.0300	110	80-120	

Lab Batch #: 926156 **Sample:** 472555-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/25/13 19:38

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	128	99.6	129	70-135	
o-Terphenyl	54.0	49.8	108	70-135	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

BS / BSD Recoveries

Project Name: Trunk "C" Drip Tank #16 Historical

Work Order #: 472834 **Project ID:**

Analyst: ARM **Date Prepared:** 10/29/2013 **Date Analyzed:** 10/29/2013

Lab Batch ID: 926297 **Sample:** 646116-1-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	<0.00500	0.500	0.510	102	0.500	0.516	103	1	70-130	35	
Toluene	<0.0100	0.500	0.521	104	0.500	0.527	105	1	70-130	35	
Ethylbenzene	<0.00500	0.500	0.551	110	0.500	0.558	112	1	71-129	35	
m,p-Xylenes	<0.0100	1.00	1.12	112	1.00	1.14	114	2	70-135	35	
o-Xylene	<0.00500	0.500	0.562	112	0.500	0.571	114	2	71-133	35	

Analyst: AMB **Date Prepared:** 10/28/2013 **Date Analyzed:** 10/28/2013

Lab Batch ID: 926182 **Sample:** 646033-1-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	47.1	94	50.0	47.0	94	0	80-120	20	

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

BS / BSD Recoveries

Project Name: Trunk "C" Drip Tank #16 Historical

Work Order #: 472834 **Project ID:**

Analyst: ARM **Date Prepared:** 10/25/2013 **Date Analyzed:** 10/25/2013

Lab Batch ID: 926156 **Sample:** 645983-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	1070	107	1000	1140	114	6	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	1000	1190	119	1000	1180	118	1	70-135	35	

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

Form 3 - MS Recoveries

Project Name: Trunk "C" Drip Tank #16 Historical

Work Order #: 472834

Lab Batch #: 926182 **Project ID:**

Date Analyzed: 10/28/2013 **Date Prepared:** 10/28/2013 **Analyst:** AMB

QC- Sample ID: 472849-001 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	627	525	1250	119	80-120	

Lab Batch #: 926156

Date Analyzed: 10/25/2013 **Date Prepared:** 10/25/2013 **Analyst:** ARM

QC- Sample ID: 472555-001 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	<17.3	1150	1280	111	70-135	
C12-C28 Diesel Range Hydrocarbons	<17.3	1150	1340	117	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

Sample Duplicate Recovery

Project Name: Trunk "C" Drip Tank #16 Historical

Work Order #: 472834

Lab Batch #: 926131 **Project ID:**

Date Analyzed: 10/25/2013 12:50 **Date Prepared:** 10/25/2013 **Analyst:** WRU

QC- Sample ID: 472806-001 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	2.46	2.51	2	20	

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

BRL - Below Reporting Limit

472834

Xenco Laboratories

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

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

Project Manager: Joel Lowry

Company Name: Basin Environmental Service Technologies, LLC

Company Address: P.O. Box 301

City/State/Zip: Lovington, NM 88260

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

Sampler Signature: Joel Lowry

Project Name: Trunk "C" Drip Tank #16 Historical

Project #:

Project Loc: Lea County, NM

PO #:

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

e-mail: cyndi.inskeep@regencygas.com, pm@basinenv.com, rachel.johnson@sug.com

(lab use only)

ORDER #:

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=Sludg; GW=Groundwater S=Soil/Soil; NP=Non-Potable Specify Othe	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
	10/23 Stockpile #1			10/23/2013	330		1	X									X								X			X				X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Joel Lowry	10/24/13	2:30		10/24/13	7:30
Relinquished by:	Date	Time	Received by:	Date	Time
	10/24/13	8:35	Steve Butler	10-24-13	0853
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
				10-25-13	1:30

Laboratory Comments:

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

Temperature Upon Receipt: 5.1 °C

Final 1.000

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Regency Gas

Date/ Time Received: 10/24/2013 08:33:00 AM

Work Order #: 472834

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)?	5.1
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6 *Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**N/A**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

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

Analyst:	PH Device/Lot#:

Checklist completed by: Candace James Date: 10/25/2013
Candace James

Checklist reviewed by: Kelsey Brooks Date: 10/25/2013
Kelsey Brooks

Analytical Report 472887

for

Regency Gas

Project Manager: Joel Lowry

Truck "C" Drip Tank #16 Horizontal

31-OCT-13

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-13-15-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

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

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

31-OCT-13

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

Reference: XENCO Report No(s): **472887**
Truck "C" Drip Tank #16 Horizontal
Project Address: Lea County, NM

Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 472887. 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. 472887 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,

Alejandro Montoya
Odessa Laboratory Director

Sample Cross Reference 472887

Regency Gas, Monahans, TX

Truck "C" Drip Tank #16 Horizontal

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
N. Exc. SSW #1	S	10-25-13 10:00		472887-001
N. Exc. ESW #1	S	10-25-13 10:20		472887-002
N. Exc. WSW #1	S	10-25-13 10:40		472887-003

CASE NARRATIVE

Client Name: Regency Gas

Project Name: Truck "C" Drip Tank #16 Horizontal

Project ID:
Work Order Number(s): *472887*

Report Date: *31-OCT-13*
Date Received: *10/25/2013*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 472887

Regency Gas, Monahans, TX

Project Name: Truck "C" Drip Tank #16 Horizontal

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

Date Received in Lab: Fri Oct-25-13 01:05 pm
Report Date: 31-OCT-13
Project Manager: Kelsey Brooks

Analysis Requested											
	Lab Id:	472887-001		472887-002		472887-003					
	Field Id:	N. Exc. SSW #1		N. Exc. ESW #1		N. Exc. WSW #1					
	Depth:										
	Matrix:	SOIL		SOIL		SOIL					
	Sampled:	Oct-25-13 10:00		Oct-25-13 10:20		Oct-25-13 10:40					
BTEX by EPA 8021B	***Extracted:***	Oct-29-13 13:00		Oct-29-13 13:00		Oct-29-13 13:00					
	Analyzed:	Oct-29-13 17:44		Oct-29-13 18:00		Oct-29-13 18:16					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Benzene		ND	0.00102	ND	0.00109	ND	0.00100				
Toluene		ND	0.00204	ND	0.00217	ND	0.00201				
Ethylbenzene		ND	0.00102	ND	0.00109	ND	0.00100				
m,p-Xylenes		ND	0.00204	ND	0.00217	ND	0.00201				
o-Xylene		ND	0.00102	ND	0.00109	ND	0.00100				
Total Xylenes		ND	0.00102	ND	0.00109	ND	0.00100				
Total BTEX		ND	0.00102	ND	0.00109	ND	0.00100				
Inorganic Anions by EPA 300/300.1	***Extracted:***	Oct-31-13 10:00		Oct-31-13 10:00		Oct-31-13 10:00					
	Analyzed:	Oct-31-13 16:34		Oct-31-13 15:49		Oct-31-13 16:57					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Chloride		3.77	2.06	4.67	2.19	8.52	4.01				
Percent Moisture	***Extracted:***										
	Analyzed:	Oct-28-13 13:20		Oct-28-13 13:20		Oct-28-13 13:20					
	Units/RL:	%	RL	%	RL	%	RL				
Percent Moisture		2.86	1.00	8.53	1.00	ND	1.00				
TPH By SW8015 Mod	***Extracted:***	Oct-29-13 11:00		Oct-29-13 11:00		Oct-29-13 11:00					
	Analyzed:	Oct-29-13 18:19		Oct-29-13 19:54		Oct-29-13 20:25					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		ND	15.4	ND	16.4	42.9	15.0				
C12-C28 Diesel Range Hydrocarbons		ND	15.4	22.6	16.4	821	15.0				
C28-C35 Oil Range Hydrocarbons		ND	15.4	ND	16.4	ND	15.0				
Total TPH		ND	15.4	22.6	16.4	864	15.0				

Alejandro Montoya
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 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: Truck "C" Drip Tank #16 Horizontal

Work Orders : 472887,

Project ID:

Lab Batch #: 926297 **Sample:** 472887-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/29/13 17:44

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0274	0.0300	91	80-120	
4-Bromofluorobenzene	0.0315	0.0300	105	80-120	

Lab Batch #: 926297 **Sample:** 472887-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/29/13 18:00

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0262	0.0300	87	80-120	
4-Bromofluorobenzene	0.0309	0.0300	103	80-120	

Lab Batch #: 926297 **Sample:** 472887-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/29/13 18:16

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0246	0.0300	82	80-120	
4-Bromofluorobenzene	0.0259	0.0300	86	80-120	

Lab Batch #: 926410 **Sample:** 472887-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/29/13 18:19

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	110	99.8	110	70-135	
o-Terphenyl	48.8	49.9	98	70-135	

Lab Batch #: 926410 **Sample:** 472887-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/29/13 19:54

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	108	100	108	70-135	
o-Terphenyl	50.3	50.0	101	70-135	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: Truck "C" Drip Tank #16 Horizontal

Work Orders : 472887,

Project ID:

Lab Batch #: 926410 **Sample:** 472887-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/29/13 20:25

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	123	99.9	123	70-135	
o-Terphenyl	59.2	50.0	118	70-135	

Lab Batch #: 926297 **Sample:** 646116-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/29/13 14:59

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0272	0.0300	91	80-120	
4-Bromofluorobenzene	0.0274	0.0300	91	80-120	

Lab Batch #: 926410 **Sample:** 646133-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/29/13 17:12

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	121	100	121	70-135	
o-Terphenyl	57.8	50.0	116	70-135	

Lab Batch #: 926297 **Sample:** 646116-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/29/13 14:11

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0302	0.0300	101	80-120	
4-Bromofluorobenzene	0.0326	0.0300	109	80-120	

Lab Batch #: 926410 **Sample:** 646133-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/29/13 16:04

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	126	100	126	70-135	
o-Terphenyl	52.7	50.0	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: Truck "C" Drip Tank #16 Horizontal

Work Orders : 472887,

Project ID:

Lab Batch #: 926297 **Sample:** 646116-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/29/13 14:28

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0308	0.0300	103	80-120	
4-Bromofluorobenzene	0.0329	0.0300	110	80-120	

Lab Batch #: 926410 **Sample:** 646133-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 10/29/13 16:38

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	113	100	113	70-135	
o-Terphenyl	56.5	50.0	113	70-135	

Lab Batch #: 926410 **Sample:** 472887-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/29/13 18:52

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	129	99.8	129	70-135	
o-Terphenyl	52.8	49.9	106	70-135	

Lab Batch #: 926297 **Sample:** 472888-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/29/13 19:36

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0303	0.0300	101	80-120	
4-Bromofluorobenzene	0.0311	0.0300	104	80-120	

Lab Batch #: 926410 **Sample:** 472887-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 10/29/13 19:25

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	122	99.8	122	70-135	
o-Terphenyl	49.2	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: Truck "C" Drip Tank #16 Horizontal

Work Order #: 472887 **Project ID:**

Analyst: ARM **Date Prepared:** 10/29/2013 **Date Analyzed:** 10/29/2013

Lab Batch ID: 926297 **Sample:** 646116-1-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	0.102	102	0.100	0.103	103	1	70-130	35	
Toluene	<0.00200	0.100	0.104	104	0.100	0.105	105	1	70-130	35	
Ethylbenzene	<0.00100	0.100	0.110	110	0.100	0.112	112	2	71-129	35	
m,p-Xylenes	<0.00200	0.200	0.224	112	0.200	0.227	114	1	70-135	35	
o-Xylene	<0.00100	0.100	0.112	112	0.100	0.114	114	2	71-133	35	

Analyst: AMB **Date Prepared:** 10/31/2013 **Date Analyzed:** 10/31/2013

Lab Batch ID: 926519 **Sample:** 646260-1-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	47.1	94	50.0	48.2	96	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

Version: 1.%

BS / BSD Recoveries

Project Name: Truck "C" Drip Tank #16 Horizontal

Work Order #: 472887 **Project ID:**

Analyst: ARM **Date Prepared:** 10/29/2013 **Date Analyzed:** 10/29/2013

Lab Batch ID: 926410 **Sample:** 646133-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	1070	107	1000	1090	109	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	1000	1150	115	1000	1140	114	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

Version: 1.%

Form 3 - MS Recoveries

Project Name: Truck "C" Drip Tank #16 Horizontal

Work Order #: 472887

Lab Batch #: 926297 **Project ID:**

Date Analyzed: 10/29/2013 **Date Prepared:** 10/29/2013 **Analyst:** ARM

QC- Sample ID: 472888-001 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	<0.00114	0.114	0.0990	87	70-130	
Toluene	<0.00228	0.114	0.102	89	70-130	
Ethylbenzene	<0.00114	0.114	0.103	90	71-129	
m,p-Xylenes	<0.00228	0.228	0.208	91	70-135	
o-Xylene	<0.00114	0.114	0.105	92	71-133	

Lab Batch #: 926519

Date Analyzed: 10/31/2013 **Date Prepared:** 10/31/2013 **Analyst:** AMB

QC- Sample ID: 472887-002 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	4.67	54.7	54.8	92	80-120	

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

BRL - Below Reporting Limit

Version: 1.%

Form 3 - MS / MSD Recoveries

Project Name: Truck "C" Drip Tank #16 Horizontal

Work Order # : 472887 **Project ID:**

Lab Batch ID: 926410 **QC- Sample ID:** 472887-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 10/29/2013 **Date Prepared:** 10/29/2013 **Analyst:** ARM

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.4	1030	1090	106	1030	1020	99	7	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.4	1030	1080	105	1030	1040	101	4	70-135	35	

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

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

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

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

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

Sample Duplicate Recovery

Project Name: Truck "C" Drip Tank #16 Horizontal

Work Order #: 472887

Lab Batch #: 926238 **Project ID:**

Date Analyzed: 10/28/2013 13:20 **Date Prepared:** 10/28/2013 **Analyst:** WRU

QC- Sample ID: 472887-001 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	2.86	2.86	0	20	

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

BRL - Below Reporting Limit

Version: 1.%

472887

Xenco Laboratories

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

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

Project Manager: Joel Lowry

Company Name: Basin Environmental Service Technologies, LLC

Company Address: P.O. Box 301

City/State/Zip: Lovington, NM 88260

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

Sampler Signature: Joel Lowry

Project Name: Trunk "C" Drip Tank #16 Historical

Project #:

Project Loc: Lea County, NM

PO #:

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

e-mail: cyndi.inskeep@regencygas.com, pm@basinenv.com, rachel.johnson@sug.com

(lab use only)

ORDER #:

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 Othe	Analyze For: TCLP: TOTAL: TPH: 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	CHLORIDES	Total Dissolved Solids		RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT 4 DAY
	N. Exc. SSW #1			10/25/2013	1000		1	X									X								X			X				X
	N. Exc. ESW #1			10/25/2013	1020		1	X									X								X			X				X
	N. Exc. WSW #1			10/25/2013	1040		1	X									X								X			X				X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Joel Lowry	10/25/13		Steve Butler	10-25-13	1305
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Candace Jones	10-26-13	Fedex

Laboratory Comments:

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

Temperature Upon Receipt: 6-7 °C

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Regency Gas

Date/ Time Received: 10/25/2013 01:05:00 PM

Work Order #: 472887

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)?	6.7
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6 *Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**N/A**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

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

Analyst:	PH Device/Lot#:

Checklist completed by: Candace James Date: 10/28/2013
Candace James

Checklist reviewed by: Kelsey Brooks Date: 10/28/2013
Kelsey Brooks

Analytical Report 473268

for

Regency Gas

Project Manager: Joel Lowry

Trunk "C" Drip Tank #16 Historical

05-NOV-13

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-13-15-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

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

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

05-NOV-13

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

Reference: XENCO Report No(s): **473268**
Trunk "C" Drip Tank #16 Historical
Project Address: Lea County, New Mexico

Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 473268. 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. 473268 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Kelsey Brooks
Project Manager

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

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

Sample Cross Reference 473268

Regency Gas, Monahans, TX

Trunk "C" Drip Tank #16 Historical

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
10/31 Stockpile	S	10-31-13 10:40		473268-001
N. Exc. ESW #2	S	10-31-13 10:50		473268-002
N. Esc. WSW #2	S	10-31-13 11:00		473268-003
N. Exc. NSW #1	S	10-31-13 11:10		473268-004
N. Exc. NSW #2	S	10-31-13 11:20		473268-005

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 473268

Regency Gas, Monahans, TX

Project Name: Trunk "C" Drip Tank #16 Historical

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

Date Received in Lab: Thu Oct-31-13 04:20 pm
Report Date: 05-NOV-13
Project Manager: Kelsey Brooks

Analysis Requested											
	Lab Id:	473268-001		473268-002		473268-003		473268-004		473268-005	
	Field Id:	10/31 Stockpile		N. Exc. ESW #2		N. Esc. WSW #2		N. Exc. NSW #1		N. Exc. NSW #2	
	Depth:										
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Oct-31-13 10:40		Oct-31-13 10:50		Oct-31-13 11:00		Oct-31-13 11:10		Oct-31-13 11:20	
BTEX by EPA 8021B	**Extracted:**	Nov-04-13 18:00		Nov-04-13 18:00		Nov-04-13 18:00		Nov-04-13 18:00		Nov-04-13 18:00	
	Analyzed:	Nov-05-13 02:02		Nov-05-13 02:18		Nov-05-13 02:33		Nov-05-13 02:50		Nov-05-13 03:06	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		ND	0.000998	ND	0.000996	ND	0.000996	ND	0.000994	ND	0.000998
Toluene		ND	0.00200	ND	0.00199	ND	0.00199	ND	0.00199	ND	0.00200
Ethylbenzene		0.00157	0.000998	ND	0.000996	ND	0.000996	ND	0.000994	ND	0.000998
m,p-Xylenes		0.00438	0.00200	ND	0.00199	0.00283	0.00199	ND	0.00199	ND	0.00200
o-Xylene		0.00239	0.000998	ND	0.000996	ND	0.000996	ND	0.000994	ND	0.000998
Total Xylenes		0.00677	0.000998	ND	0.000996	0.00283	0.000996	ND	0.000994	ND	0.000998
Total BTEX		0.00834	0.000998	ND	0.000996	0.00283	0.000996	ND	0.000994	ND	0.000998
Inorganic Anions by EPA 300/300.1	**Extracted:**	Nov-03-13 10:00		Nov-03-13 10:00		Nov-03-13 10:00		Nov-03-13 10:00		Nov-03-13 10:00	
	Analyzed:	Nov-04-13 18:22		Nov-04-13 18:45		Nov-04-13 21:01		Nov-04-13 21:46		Nov-04-13 22:09	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		18.7	10.0	17.2	10.0	16.9	10.0	17.8	10.0	17.7	10.0
Percent Moisture	**Extracted:**										
	Analyzed:	Nov-01-13 15:50		Nov-01-13 15:50		Nov-01-13 15:50		Nov-01-13 15:50		Nov-01-13 15:50	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		ND	1.00	6.07	1.00	8.19	1.00	4.34	1.00	7.17	1.00
TPH By SW8015 Mod	**Extracted:**	Nov-01-13 14:00		Nov-01-13 14:00		Nov-01-13 14:00		Nov-01-13 14:00		Nov-01-13 14:00	
	Analyzed:	Nov-01-13 16:30		Nov-01-13 16:58		Nov-01-13 17:28		Nov-01-13 17:55		Nov-01-13 18:21	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
C6-C12 Gasoline Range Hydrocarbons		62.3	15.1	ND	15.9	24.4	16.3	28.6	15.7	ND	16.1
C12 - C28 Diesel Range Hydrocarbons		1170	15.1	21.8	15.9	928	16.3	461	15.7	215	16.1
C28-C35 Oil Range Hydrocarbons		ND	15.1	ND	15.9	ND	16.3	ND	15.7	ND	16.1
Total TPH 1005		1230	15.1	21.8	15.9	952	16.3	490	15.7	215	16.1

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: Trunk "C" Drip Tank #16 Historical

Work Orders : 473268,

Project ID:

Lab Batch #: 926709 **Sample:** 473268-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/01/13 16:30

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	90.1	99.8	90	70-135	
o-Terphenyl	40.0	49.9	80	70-135	

Lab Batch #: 926709 **Sample:** 473268-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/01/13 16:58

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	116	99.7	116	70-135	
o-Terphenyl	54.2	49.9	109	70-135	

Lab Batch #: 926709 **Sample:** 473268-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/01/13 17:28

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.4	99.9	98	70-135	
o-Terphenyl	45.9	50.0	92	70-135	

Lab Batch #: 926709 **Sample:** 473268-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/01/13 17:55

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	101	99.9	101	70-135	
o-Terphenyl	46.8	50.0	94	70-135	

Lab Batch #: 926709 **Sample:** 473268-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/01/13 18:21

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.9	99.7	100	70-135	
o-Terphenyl	46.5	49.9	93	70-135	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: Trunk "C" Drip Tank #16 Historical

Work Orders : 473268,

Project ID:

Lab Batch #: 926777 **Sample:** 473268-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/05/13 02:02

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0240	0.0300	80	80-120	
4-Bromofluorobenzene	0.0305	0.0300	102	80-120	

Lab Batch #: 926777 **Sample:** 473268-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/05/13 02:18

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0265	0.0300	88	80-120	
4-Bromofluorobenzene	0.0279	0.0300	93	80-120	

Lab Batch #: 926777 **Sample:** 473268-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/05/13 02:33

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0259	0.0300	86	80-120	
4-Bromofluorobenzene	0.0295	0.0300	98	80-120	

Lab Batch #: 926777 **Sample:** 473268-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/05/13 02:50

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0248	0.0300	83	80-120	
4-Bromofluorobenzene	0.0319	0.0300	106	80-120	

Lab Batch #: 926777 **Sample:** 473268-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/05/13 03:06

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0242	0.0300	81	80-120	
4-Bromofluorobenzene	0.0268	0.0300	89	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: Trunk "C" Drip Tank #16 Historical

Work Orders : 473268,

Project ID:

Lab Batch #: 926709 **Sample:** 646359-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/01/13 20:28

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	104	100	104	70-135	
o-Terphenyl	47.9	50.0	96	70-135	

Lab Batch #: 926777 **Sample:** 646437-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/05/13 01:46

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0265	0.0300	88	80-120	
4-Bromofluorobenzene	0.0284	0.0300	95	80-120	

Lab Batch #: 926709 **Sample:** 646359-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/01/13 19:38

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	124	100	124	70-135	
o-Terphenyl	58.7	50.0	117	70-135	

Lab Batch #: 926777 **Sample:** 646437-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/05/13 00:26

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0293	0.0300	98	80-120	
4-Bromofluorobenzene	0.0327	0.0300	109	80-120	

Lab Batch #: 926709 **Sample:** 646359-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/01/13 20:03

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod

Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.2	100	93	70-135	
o-Terphenyl	54.1	50.0	108	70-135	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: Trunk "C" Drip Tank #16 Historical

Work Orders : 473268,

Project ID:

Lab Batch #: 926777 **Sample:** 646437-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 11/05/13 00:42

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0318	0.0300	106	80-120	
4-Bromofluorobenzene	0.0327	0.0300	109	80-120	

Lab Batch #: 926709 **Sample:** 473268-002 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/01/13 18:47

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	116	99.8	116	70-135	
o-Terphenyl	64.8	49.9	130	70-135	

Lab Batch #: 926777 **Sample:** 473268-002 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/05/13 00:58

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0312	0.0300	104	80-120	
4-Bromofluorobenzene	0.0329	0.0300	110	80-120	

Lab Batch #: 926709 **Sample:** 473268-002 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/01/13 19:12

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	104	100	104	70-135	
o-Terphenyl	57.0	50.0	114	70-135	

Lab Batch #: 926777 **Sample:** 473268-002 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 11/05/13 01:14

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0310	0.0300	103	80-120	
4-Bromofluorobenzene	0.0329	0.0300	110	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: Trunk "C" Drip Tank #16 Historical

Work Order #: 473268 **Project ID:**

Analyst: ARM **Date Prepared:** 11/04/2013 **Date Analyzed:** 11/05/2013

Lab Batch ID: 926777 **Sample:** 646437-1-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	0.0948	95	0.100	0.0988	99	4	70-130	35	
Toluene	<0.00200	0.100	0.0956	96	0.100	0.0991	99	4	70-130	35	
Ethylbenzene	<0.00100	0.100	0.0996	100	0.100	0.103	103	3	71-129	35	
m,p-Xylenes	<0.00200	0.200	0.203	102	0.200	0.210	105	3	70-135	35	
o-Xylene	<0.00100	0.100	0.104	104	0.100	0.108	108	4	71-133	35	

Analyst: AMB **Date Prepared:** 11/03/2013 **Date Analyzed:** 11/04/2013

Lab Batch ID: 926811 **Sample:** 646453-1-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	47.4	95	50.0	47.2	94	0	90-110	20	

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

BS / BSD Recoveries

Project Name: Trunk "C" Drip Tank #16 Historical

Work Order #: 473268 **Project ID:**

Analyst: AMB **Date Prepared:** 11/03/2013 **Date Analyzed:** 11/04/2013

Lab Batch ID: 926813 **Sample:** 646457-1-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	47.7	95	50.0	47.8	96	0	90-110	20	

Analyst: ARM **Date Prepared:** 11/01/2013 **Date Analyzed:** 11/01/2013

Lab Batch ID: 926709 **Sample:** 646359-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	1230	123	1000	1050	105	16	70-135	35	
C12 - C28 Diesel Range Hydrocarbons	<15.0	1000	1280	128	1000	1040	104	21	70-135	35	

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

Form 3 - MS Recoveries

Project Name: Trunk "C" Drip Tank #16 Historical

Work Order #: 473268

Lab Batch #: 926811 **Project ID:**

Date Analyzed: 11/04/2013 **Date Prepared:** 11/03/2013 **Analyst:** AMB

QC- Sample ID: 473141-001 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	213	265	496	107	80-120	

Lab Batch #: 926811

Date Analyzed: 11/04/2013 **Date Prepared:** 11/03/2013 **Analyst:** AMB

QC- Sample ID: 473141-011 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	6.00	50.7	52.5	92	80-120	

Lab Batch #: 926813

Date Analyzed: 11/04/2013 **Date Prepared:** 11/03/2013 **Analyst:** AMB

QC- Sample ID: 473268-003 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	16.9	250	232	86	80-120	

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

BRL - Below Reporting Limit

Form 3 - MS / MSD Recoveries

Project Name: Trunk "C" Drip Tank #16 Historical

Work Order # : 473268 **Project ID:**

Lab Batch ID: 926777 **QC- Sample ID:** 473268-002 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 11/05/2013 **Date Prepared:** 11/04/2013 **Analyst:** ARM

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.000998	0.0998	0.0940	94	0.0998	0.0934	94	1	70-130	35	
Toluene	<0.00200	0.0998	0.0941	94	0.0998	0.0939	94	0	70-130	35	
Ethylbenzene	<0.000998	0.0998	0.0974	98	0.0998	0.0970	97	0	71-129	35	
m,p-Xylenes	<0.00200	0.200	0.197	99	0.200	0.197	99	0	70-135	35	
o-Xylene	<0.000998	0.0998	0.101	101	0.0998	0.101	101	0	71-133	35	

Lab Batch ID: 926709 **QC- Sample ID:** 473268-002 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 11/01/2013 **Date Prepared:** 11/01/2013 **Analyst:** ARM

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.9	1060	1300	123	1060	1170	110	11	70-135	35	
C12 - C28 Diesel Range Hydrocarbons	21.8	1060	1320	122	1060	1170	108	12	70-135	35	

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

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

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

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

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

Sample Duplicate Recovery

Project Name: Trunk "C" Drip Tank #16 Historical

Work Order #: 473268

Lab Batch #: 926686 **Project ID:**

Date Analyzed: 11/01/2013 15:50 **Date Prepared:** 11/01/2013 **Analyst:** WRU

QC- Sample ID: 473205-001 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	10.4	10.6	2	20	

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

BRL - Below Reporting Limit

Xenco Laboratories

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST 473268

12600 West I-20 East
Odessa, Texas 79765

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

Project Manager: Joel Lowry

Company Name: Basin Environmental Service Technologies, LLC

Company Address: P.O. Box 301

City/State/Zip: Lovington, NM 88260

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

Sampler Signature: Joel Lowry

Project Name: Trunk "C" Drip Tank #16 Historical

Project #:

Project Loc: Lea County, NM

PO #:

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

e-mail: cyndi.inskeep@regencygas.com, pm@basinenv.com, rachel.johnson@sug.com

(lab use only)

ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludg / GW=Groundwater S=Soil/Soil / NP=Non-Potable Specify Othe	Analyze For: TCLP: TOTAL: TPH: 418.1 8015M TX 1005 8015B 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
	10/31 Stockpile			10/31/2013	1040		1	X									X							X			X				X
	N. Exc. ESW #2			10/31/2013	1050		1	X									X							X			X				
	N. Exc. WSW #2			10/31/2013	1100		1	X									X							X			X				
	N. Exc. NSW #1			10/31/2013	1110		1	X									X							X			X				
	N. Exc. NSW #2			10/31/2013	1120		1	X									X							X			X				
	~~N. Exc. West Floor~~			~~10/31/2013~~	~~1130~~		~~1~~	*								SL	*							*			*				
	~~N. Exc. East Floor~~			~~10/31/2013~~	~~1140~~		~~1~~	*									*							*			*				

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Joel Lowry	10/31/13	4:30		10/31/13	4:30pm
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Candace Harmon via Fedex	11-1-13	14:24

Laboratory Comments:

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

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 6.4 °C

Final 1.000

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Regency Gas

Date/ Time Received: 10/31/2013 04:20:00 PM

Work Order #: 473268

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)?	6.4
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6 *Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**N/A**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

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

Analyst:	PH Device/Lot#:

Checklist completed by: Candace James Date: 11/01/2013
Candace James

Checklist reviewed by: Kelsey Brooks Date: 11/01/2013
Kelsey Brooks

Analytical Report 493219

for

APEX/Titan

Project Manager: Thomas Franklin

Trunk "C" Drip Tank

90307414G050

09-OCT-14

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

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

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Texas (T104704477), Louisiana (04176), USDA (P330-07-00105)

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

09-OCT-14

Project Manager: **Thomas Franklin**
APEX/Titan
505 N. Big Spring Ste. 301 A
Midland, TX 79701

Reference: XENCO Report No(s): **493219**
Trunk "C" Drip Tank
Project Address:

Thomas Franklin:

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) 493219. 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. 493219 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,

Julian Martinez
Project Manager

Sample Cross Reference 493219

APEX/Titan, Midland, TX

Trunk "C" Drip Tank

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-1 @ BGT 20 ft	S	09-10-14 10:10	- 20 ft	493219-003
SB-1 @ BGT 25 ft	S	09-10-14 10:20	- 25 ft	493219-004
SB-1 @ BGT 30 ft	S	09-10-14 10:30	- 30 ft	493219-005
SB-1 @ BGT 35 ft	S	09-10-14 10:50	- 35 ft	493219-006
SB-1 @ BGT 40 ft	S	09-10-14 11:10	- 40 ft	493219-007
SB-1 @ BGT 45 ft	S	09-10-14 11:30	- 45 ft	493219-008
SB-1 @ BGT 50ft	S	09-10-14 13:00	- 50 ft	493219-009
SB-2 @ TT-6 10ft	S	09-10-14 13:10	- 10 ft	493219-010
SB-2 @ TT-6 20ft	S	09-10-14 13:30	- 20 ft	493219-012
SB-2 @ TT-6 30ft	S	09-10-14 13:50	- 30 ft	493219-014
SB-2 @ TT-6 35ft	S	09-10-14 14:00	- 35 ft	493219-015
SB-3 @ SW Floor 10 ft	S	09-11-14 10:20	- 10 ft	493219-017
SB-3 @ SW Floor 15 ft	S	09-11-14 10:25	- 15 ft	493219-018
SB-3 @ SW Floor 20 ft	S	09-11-14 10:30	- 20 ft	493219-019
SB-3 @ SW Floor 25 ft	S	09-11-14 10:45	- 25 ft	493219-020
SB-3 @ SW Floor 30 ft	S	09-11-14 11:00	- 30 ft	493219-021
SB-1 @ BGT 10 ft	S	09-10-14 10:00	- 10 ft	Not Analyzed
SB-1 @ BGT 15 ft	S	09-10-14 10:05	- 15 ft	Not Analyzed
SB-2 @ TT-6 15ft	S	09-10-14 13:20	- 15 ft	Not Analyzed
SB-2 # TT-6 25ft	S	09-10-14 13:40	- 25 ft	Not Analyzed
SB-2 @ TT-6 40ft	S	09-11-14 10:10	- 40 ft	Not Analyzed
SB-3 @ SW Floor 35ft	S	09-11-14 11:00	- 35 ft	Not Analyzed

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 493219

APEX/Titan, Midland, TX

Project Name: Trunk "C" Drip Tank

Project Id: 90307414G050
Contact: Thomas Franklin
Project Location:

Date Received in Lab: Fri Sep-12-14 12:42 pm
Report Date: 09-OCT-14
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	493219-003		493219-004		493219-005		493219-006		493219-007		493219-008	
	Field Id:	SB-1 @ BGT 20 ft		SB-1 @ BGT 25 ft		SB-1 @ BGT 30 ft		SB-1 @ BGT 35 ft		SB-1 @ BGT 40 ft		SB-1 @ BGT 45 ft	
	Depth:	20 ft		25 ft		30 ft		35 ft		40 ft		45 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Sep-10-14 10:10		Sep-10-14 10:20		Sep-10-14 10:30		Sep-10-14 10:50		Sep-10-14 11:10		Sep-10-14 11:30	
Inorganic Anions by EPA 300/300.1	***Extracted:***	Sep-16-14 16:00		Sep-16-14 16:00		Sep-16-14 16:00		Sep-16-14 16:00		Sep-16-14 16:00		Sep-16-14 16:00	
	Analyzed:	Sep-17-14 00:42		Sep-17-14 01:04		Sep-17-14 01:27		Sep-17-14 01:50		Sep-17-14 02:58		Sep-17-14 03:20	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		4010	472	2630	440	1440	109	902	109	559	42.7	324	21.0
Percent Moisture	***Extracted:***												
	Analyzed:	Sep-15-14 17:05		Sep-15-14 17:05		Sep-15-14 17:05		Sep-15-14 17:05		Sep-15-14 17:05		Sep-15-14 17:05	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		15.3	1.00	9.06	1.00	8.63	1.00	8.12	1.00	6.40	1.00	4.78	1.00

Julian Martinez
Project Manager

Certificate of Analysis Summary 493219

APEX/Titan, Midland, TX

Project Name: Trunk "C" Drip Tank

Project Id: 90307414G050
Contact: Thomas Franklin
Project Location:

Date Received in Lab: Fri Sep-12-14 12:42 pm
Report Date: 09-OCT-14
Project Manager: Kelsey Brooks

Analysis Requested													
	Lab Id:	493219-009		493219-010		493219-012		493219-014		493219-015		493219-017	
	Field Id:	SB-1 @ BGT 50ft		SB-2 @ TT-6 10ft		SB-2 @ TT-6 20ft		SB-2 @ TT-6 30ft		SB-2 @ TT-6 35ft		SB-3 @ SW Floor 10 ft	
	Depth:	50 ft		10 ft		20 ft		30 ft		35 ft		10 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Sep-10-14 13:00		Sep-10-14 13:10		Sep-10-14 13:30		Sep-10-14 13:50		Sep-10-14 14:00		Sep-11-14 10:20	
Inorganic Anions by EPA 300/300.1	***Extracted:***	Sep-16-14 16:00											
	Analyzed:	Sep-17-14 03:43											
	Units/RL:	mg/kg	RL										
Chloride		217	21.2										
Percent Moisture	***Extracted:***												
	Analyzed:	Sep-15-14 17:05		Sep-15-14 17:05		Sep-15-14 17:05		Sep-15-14 17:05		Sep-15-14 17:05		Sep-15-14 17:05	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		5.72	1.00	18.8	1.00	7.72	1.00	12.1	1.00	7.05	1.00	38.5	1.00
TPH By SW8015 Mod	***Extracted:***			Sep-15-14 14:00		Sep-15-14 14:00		Sep-15-14 14:00		Sep-15-14 14:00		Sep-15-14 14:00	
	Analyzed:			Sep-16-14 02:26		Sep-16-14 02:52		Sep-16-14 03:18		Sep-16-14 03:44		Sep-16-14 04:11	
	Units/RL:			mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
C6-C12 Gasoline Range Hydrocarbons				2040	92.0	114	16.2	ND	17.0	ND	16.1	895	24.3
C12-C28 Diesel Range Hydrocarbons				11600	92.0	705	16.2	86.7	17.0	32.1	16.1	2830	24.3
Total TPH				14200	92.0	848	16.2	86.7	17.0	32.1	16.1	3760	24.3

Julian Martinez
Project Manager

Certificate of Analysis Summary 493219

APEX/Titan, Midland, TX

Project Name: Trunk "C" Drip Tank

Project Id: 90307414G050
Contact: Thomas Franklin
Project Location:

Date Received in Lab: Fri Sep-12-14 12:42 pm
Report Date: 09-OCT-14
Project Manager: Kelsey Brooks

Analysis Requested											
	Lab Id:	493219-018		493219-019		493219-020		493219-021			
	Field Id:	SB-3 @ SW Floor 15 ft		SB-3 @ SW Floor 20 ft		SB-3 @ SW Floor 25 ft		SB-3 @ SW Floor 30 ft			
	Depth:	15 ft		20 ft		25 ft		30 ft			
	Matrix:	SOIL		SOIL		SOIL		SOIL			
	Sampled:	Sep-11-14 10:25		Sep-11-14 10:30		Sep-11-14 10:45		Sep-11-14 11:00			
Percent Moisture	***Extracted:***										
	Analyzed:	Sep-15-14 17:05		Sep-15-14 17:05		Sep-15-14 17:05		Sep-15-14 17:05			
	Units/RL:	%	RL	%	RL	%	RL	%	RL		
Percent Moisture		8.51	1.00	22.1	1.00	35.8	1.00	12.6	1.00		
TPH By SW8015 Mod	***Extracted:***	Sep-15-14 14:00		Sep-15-14 14:00		Sep-15-14 14:00		Sep-15-14 14:00			
	Analyzed:	Sep-16-14 04:37		Sep-16-14 05:03		Sep-16-14 07:50		Sep-16-14 08:54			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL		
C6-C12 Gasoline Range Hydrocarbons		332	16.3	235	19.2	38.7	23.4	ND	17.1		
C12-C28 Diesel Range Hydrocarbons		1210	16.3	652	19.2	149	23.4	27.0	17.1		
Total TPH		1540	16.3	887	19.2	188	23.4	27.0	17.1		

Julian Martinez
Project Manager

Flagging Criteria

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

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

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

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

F RPD exceeded lab control limits.

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

U Analyte was not detected.

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

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

K Sample analyzed outside of recommended hold time.

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

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

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

Form 2 - Surrogate Recoveries

Project Name: Trunk "C" Drip Tank

Work Orders : 493219, 493219 **Project ID:** 90307414G050

Lab Batch #: 950664 **Sample:** 493219-010 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 09/16/14 02:26

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	103	99.7	103	70-135	
o-Terphenyl	53.9	49.9	108	70-135	

Lab Batch #: 950664 **Sample:** 493219-012 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 09/16/14 02:52

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	102	99.6	102	70-135	
o-Terphenyl	51.4	49.8	103	70-135	

Lab Batch #: 950664 **Sample:** 493219-014 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 09/16/14 03:18

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	91.2	99.8	91	70-135	
o-Terphenyl	44.8	49.9	90	70-135	

Lab Batch #: 950664 **Sample:** 493219-015 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 09/16/14 03:44

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.2	99.8	86	70-135	
o-Terphenyl	42.6	49.9	85	70-135	

Lab Batch #: 950664 **Sample:** 493219-017 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 09/16/14 04:11

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	104	99.8	104	70-135	
o-Terphenyl	48.8	49.9	98	70-135	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: Trunk "C" Drip Tank

Work Orders : 493219, 493219 **Project ID:** 90307414G050

Lab Batch #: 950664 **Sample:** 493219-018 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 09/16/14 04:37

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.2	99.7	98	70-135	
o-Terphenyl	47.7	49.9	96	70-135	

Lab Batch #: 950664 **Sample:** 493219-019 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 09/16/14 05:03

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.4	99.7	98	70-135	
o-Terphenyl	46.9	49.9	94	70-135	

Lab Batch #: 950664 **Sample:** 493219-020 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 09/16/14 07:50

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	88.9	99.9	89	70-135	
o-Terphenyl	44.2	50.0	88	70-135	

Lab Batch #: 950664 **Sample:** 493219-021 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 09/16/14 08:54

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	102	99.9	102	70-135	
o-Terphenyl	51.3	50.0	103	70-135	

Lab Batch #: 950664 **Sample:** 661540-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 09/15/14 17:56

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.1	100	92	70-135	
o-Terphenyl	45.5	50.0	91	70-135	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: Trunk "C" Drip Tank

Work Orders : 493219, 493219 **Project ID:** 90307414G050

Lab Batch #: 950664 **Sample:** 661540-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 09/15/14 18:23

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.6	100	94	70-135	
o-Terphenyl	54.2	50.0	108	70-135	

Lab Batch #: 950664 **Sample:** 661540-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 09/15/14 18:51

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	117	100	117	70-135	
o-Terphenyl	57.6	50.0	115	70-135	

Lab Batch #: 950664 **Sample:** 493195-002 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 09/15/14 20:13

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	100	99.8	100	70-135	
o-Terphenyl	49.6	49.9	99	70-135	

Lab Batch #: 950664 **Sample:** 493195-002 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 09/15/14 20:41

SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.8	99.8	99	70-135	
o-Terphenyl	50.1	49.9	100	70-135	

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

BS / BSD Recoveries

Project Name: Trunk "C" Drip Tank

Work Order #: 493219, 493219 **Project ID:** 90307414G050

Analyst: JUM **Date Prepared:** 09/16/2014 **Date Analyzed:** 09/16/2014

Lab Batch ID: 950841 **Sample:** 661589-1-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	52.6	105	50.0	47.0	94	11	80-120	20	

Analyst: ARM **Date Prepared:** 09/15/2014 **Date Analyzed:** 09/15/2014

Lab Batch ID: 950664 **Sample:** 661540-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	847	85	1000	877	88	3	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	1000	989	99	1000	1050	105	6	70-135	35	

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

Form 3 - MS Recoveries

Project Name: Trunk "C" Drip Tank

Work Order #: 493219

Lab Batch #: 950841 **Project ID:** 90307414G050

Date Analyzed: 09/16/2014 **Date Prepared:** 09/16/2014 **Analyst:** JUM

QC- Sample ID: 493195-001 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	482	1010	1430	94	80-120	

Lab Batch #: 950841

Date Analyzed: 09/17/2014 **Date Prepared:** 09/16/2014 **Analyst:** JUM

QC- Sample ID: 493326-002 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	263	5000	4690	89	80-120	

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

BRL - Below Reporting Limit

Form 3 - MS / MSD Recoveries

Project Name: Trunk "C" Drip Tank

Work Order # : 493219 **Project ID:** 90307414G050

Lab Batch ID: 950664 **QC- Sample ID:** 493195-002 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 09/15/2014 **Date Prepared:** 09/15/2014 **Analyst:** ARM

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<16.1	1070	879	82	1070	880	82	0	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<16.1	1070	998	93	1070	1010	94	1	70-135	35	

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

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

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

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

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

Sample Duplicate Recovery

Project Name: Trunk "C" Drip Tank

Work Order #: 493219

Lab Batch #: 950675 **Project ID:** 90307414G050

Date Analyzed: 09/15/2014 17:05 **Date Prepared:** 09/15/2014 **Analyst:** WRU

QC- Sample ID: 493219-004 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	9.06	9.19	1	20	

Lab Batch #: 950675

Date Analyzed: 09/15/2014 17:05 **Date Prepared:** 09/15/2014 **Analyst:** WRU

QC- Sample ID: 493219-010 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	18.8	19.1	2	20	

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

BRL - Below Reporting Limit

CHAIN OF CUSTODY RECORD

APEX

Office Location Midland TX

Project Manager Thomas Franklin

Laboratory: Xenco

Address:

Contact:

Phone:

PO/SO #:

Lab use only
Due Date:

Temp. of coolers when received (C°): 4.5

1	2	3	4	5

Page 1 of 3

Sampler's Name: Thomas Franklin

Sampler's Signature:

Proj. No.: 703071HG050

Project Name: Regency - Trunk "C" Drip Tank

No/Type of Containers: 9 / Glass

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt.	250 ml	Glass Jar	P/O	Chloride	Lab Sample ID (Lab Use Only)
S	9-10-14	10:00		X	SB-1 @ BGT	10'					X			493219
		10:05				15'								
		10:10				20'							X	
		10:20				25'							X	
		10:30				30'							X	
		10:40				35'							X	
		10:50				40'							X	
		11:10				45'							X	
		11:30				50'							X	

Turn around time: [X] Normal ❑ 25% Rush ❑ 50% Rush ❑ 100% Rush

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	9-12-14	12:42		9/12/14	1242
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

NOTES: Hold additional samples

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil

Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other

CHAIN OF CUSTODY RECORD

APEX

Office Location Midland TX

Project Manager Thomas Franklin

Laboratory: Xenco

Address:

Contact:

Phone:

PO/SO #:

ANALYSIS REQUESTED

Lab use only
Due Date:

Temp. of coolers when received (C°):

1	2	3	4	5

Page 2 of 3

Sampler's Name: Thomas Franklin

Sampler's Signature:

Proj. No.: 703071HG050

Project Name: Regency - Trunk "C" Drip Tank

No/Type of Containers: 7 / Glass

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt.	250 ml	Glass Jar	P/O	TPH 8015 Mod	Lab Sample ID (Lab Use Only)
S	9-10-14	13:00		X	SB-2 @ TT-6	10'							X	413291
↓	↓	13:10		↓	↓	15'								
		13:20				20'							X	
		13:30				25'								
		13:40				30'							X	
		13:50				35'							X	
↓	↓	14:00		↓	↓	40'								

Turn-around time: ☒ Normal ❑ 25% Rush ❑ 50% Rush ❑ 100% Rush

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	9-12-14	12:42		9/12/14	1242
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

NOTES: Hold additional samples

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other

CHAIN OF CUSTODY RECORD

APEX

Office Location: Midland Tx

Project Manager: Thomas Franklin

Laboratory: Xenco

Address:

Contact:

Phone:

PO/SO #:

Lab use only
Due Date:

Temp. of coolers when received (C°): 4.5

1	2	3	4	5

Page 3 of 3

Sampler's Name: Thomas Franklin

Sampler's Signature:

Proj. No.: 703071AG050

Project Name: Regency - Trunk "C" Drip Tank

No/Type of Containers: 6 / Glass

ANALYSIS REQUESTED: TPH 8015 Mod

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt.	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)
S	9-11-14	10:10		X	SB-3 @ SW Floor	10'					X		493219 X
		10:20				15'							X
		10:25				20'							X
		10:30				25'							X
		10:45				30'							X
		11:00				35'							

Turn around time: ☒ Normal ❑ 25% Rush ❑ 50% Rush ❑ 100% Rush

	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	9-12-14	12:42		9/12/14	1242
Relinquished by (Signature)					
Relinquished by (Signature)					
Relinquished by (Signature)					

NOTES: Hold additional sample.

Matrix: WW - Wastewater; W - Water; S - Soil; SD - Solid; L - Liquid; A - Air Bag; C - Charcoal tube; SL - sludge; O - Oil

Container: VOA - 40 ml vial; A/G - Amber / Or Glass 1 Liter; 250 ml - Glass wide mouth; P/O - Plastic or other

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: APEX/Titan

Date/ Time Received: 09/12/2014 12:42:00 PM

Work Order #: 493219

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)?	4.5
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**No**
#5 Custody Seals intact on sample bottles?	**No**
#6 *Custody Seals Signed and dated?	**No**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**No**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**No**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**No**

*** 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: 09/12/2014

Checklist reviewed by: Kelsey Brooks Date: 09/15/2014

APPENDIX E

Initial and Final C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Regency Field Services LLC.	Contact: Crystal Callaway
Address: 421 W. 3rd Street, Suite 250, Ft. Worth, TX 76102	Telephone No.: 817-302-9407
Facility Name: Trunk "C" Drip Tank Battery #16	Facility Type: Natural Gas Gathering

Surface Owner	Mineral Owner	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	6	26S	37E					Lea

Latitude 32.065446 **Longitude** -103.206583

NATURE OF RELEASE

Type of Release: Oil and Produced Water	Volume of Release: Unknown	Volume Recovered: Unknown
Source of Release: Storage Tanks	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: Unknown
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

At an unknown date and time the above ground storage tanks at the Trunk "C" Drip Tank Battery #16 failed causing a leak.

Describe Area Affected and Cleanup Action Taken.*

The drip tank facility has been removed from the current location. The site was reportedly remediated by Basin Environmental in 2013, impacted material was excavated and transported to Sundance for proper disposal. The excavation was lined and backfilled but not vertically delineated. In September of 2014 Apex personnel installed three (3) soil borings in order to vertically delineate the impact. Based on the information provided by Basin Environmental and the information collected by Apex personnel, the site has been determined to meet NMOCD regulatory standards.

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

Signature: Crystal Callaway	OIL CONSERVATION DIVISION	
Printed Name: Crystal Callaway	Approved by Environmental Specialist:	
Title: Sr. Env Remediation Spec	Approval Date:	Expiration Date:
E-mail Address: Crystal-Callaway@kindermorgan.com	Conditions of Approval:	Attached ☐
Date: 12/29/14 Phone: 817-807-6514		

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: Regency Field Services LLC.	Contact: Crystal Callaway
Address: 421 W. 3rd Street, Suite 250, Ft. Worth, TX 76102	Telephone No.: 817-302-9407
Facility Name: Trunk "C" Drip Tank Battery #16 (#1RP-3487)	Facility Type: Natural Gas Gathering

Surface Owner	Mineral Owner	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	6	26S	37E					Lea

Latitude 32.065446 **Longitude** -103.206583

NATURE OF RELEASE

Type of Release: Oil and Produced Water	Volume of Release: Unknown	Volume Recovered: Unknown
Source of Release: Storage Tanks	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: Unknown
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

At an unknown date and time the above ground storage tanks at the Trunk "C" Drip Tank Battery #16 failed causing a leak.

Describe Area Affected and Cleanup Action Taken.*

The drip tank facility has been removed from the current location. The site was reportedly remediated by Basin Environmental in 2013, impacted material was excavated and transported to Sundance for proper disposal. The excavation was lined and backfilled but not vertically delineated. In September of 2014 Apex personnel installed three (3) soil borings in order to vertically delineate the impact. Based on the information provided by Basin Environmental and the information collected by Apex personnel, the site has been determined to meet NMOCD regulatory standards.

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

Signature: Crystal Callaway	OIL CONSERVATION DIVISION
Printed Name: Crystal Callaway	Approved by Environmental Specialist:
Title: Sr. Environmental Remediation Specialist	Approval Date: / Expiration Date:
E-mail Address: crystal.callaway@regencygas.com	Conditions of Approval: / Attached ☐
Date: 1/15/15 Phone: 817-807-6514	

* Attach Additional Sheets If Necessary