

CORRECTIVE ACTION REPORT

Property:

Potash Line 1002 32.082736, -104.050094 NE ¼, SE ¼, S35 T25S R28E Eddy County, New Mexico 2RP-3393

November 29, 2016 Apex Project No. 7250715102

Prepared for:

Enterprise Field Services LLC

PO Box 4324
Houston, TX 77252

Attention: Dina Ferguson

Prepared by:

Karolanne Toby Project Manager

Liz Scaggs, P.G. Division Manager

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Apex Project No. 7250715102

1.0 INTRODUCTION

1.1 Site Description & Background

The Potash Line 1002 is located within the Enterprise Field Services LLC (Enterprise) pipeline right-of-way (ROW) in the northeast (NE) ¼ of the southeast (SE) ¼ of Section 35 in Township 25 South and Range 28 East in Eddy County, New Mexico, (32.082736, -104.050094) referred to hereinafter as the "Site". The Site consists of native vegetation range land periodically interrupted by oil and gas gathering facilities including one (1) Enterprise natural gas gathering pipeline which traverses the area northeast to southwest.

On November 7, 2015, Enterprise was informed of a pipeline leak by an aerial survey. Immediate response action commenced based on the Enterprise *General Release Notification, Response and Remediation Plan* (dated March 2015). Enterprise isolated the leaking portion, and the pipeline section was shut down to carry out repair activities. Approximately five (5) barrels (bbls) of natural gas pipeline liquids (NGPL) were released from the pipeline and impacted surface soils east and west of the release point. Under the supervision of Enterprise personnel, stained soil was excavated by NMR Pipeline, LLC (NMR Pipeline). Remediation activities began on November 24, 2015.

A topographic map depicting the location of the Site is included as Figure 1, and a Site Vicinity Map is included as Figure 2 in Appendix A.

1.2 Project Objective

The primary objective of the corrective action activities completed at the Site was to reduce chemicals of concern (COCs) in the on-site soils to below the New Mexico Energy, Minerals, and Natural Resources Department (EMNRD), Oil Conservation Division (OCD) Remediation Action Levels using the New Mexico EMNRD OCD's Guidelines for Remediation of Leaks, Spills and Releases as guidance.



The objectives of Apex TITAN, Inc. (Apex's) scope of services were to:

- 1) Conduct field observations during response action activities utilizing visual and olfactory evidence of impairment to evaluate the potential presence and extent of petroleum hydrocarbons of impacted on-Site soils.
- 2) Collect soil samples from the release point and excavation areas based on visual and olfactory evidence of impairment for analysis of benzene, toluene, ethylbenzene and xylenes (BTEX), total petroleum hydrocarbons (TPH), and chloride.

2.0 SITE RANKING

In accordance with the New Mexico ENMRD OCD's *Guidelines for Remediation of Leaks, Spills and Releases*, Apex utilized the general site characteristics obtained during the completion of corrective action activities and information available from the Office of the New Mexico Office of the State Engineer to determine the appropriate "ranking" for the Site. The ranking criteria and associated scoring are provided in the following table:

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

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

- The approximate depth to the initial groundwater-bearing zone is greater between 50 to 99 feet at the Site.
- Distance from the impacted area to the closest private domestic water source is greater than 200 feet.
- Distance to the nearest surface water body is between 200 and 1,000 feet.

Based on a Total Ranking Score of 20, cleanup goals for soils remaining in place include:

- 10 milligrams per kilogram (mg/Kg) for benzene;
- 50 mg/Kg for total benzene, toluene, ethylbenzene and xylene (BTEX);
- 100 mg/Kg for total petroleum hydrocarbons (TPH) gasoline range organics (GRO) and diesel range organics (DRO); and
- 250 mg/Kg for chloride



3.0 RESPONSE ACTIVITIES

3.1 Soil Remediation Activities

On November 7, 2015, Enterprise detected a pipeline leak by aerial survey. Enterprise isolated the leaking portion, and the pipeline section was shut down to carry out repair activities. Approximately five (5) bbls of NGPL were released from the pipeline and impacted surface soils directly above the release point.

The initial excavation was carried out on November 24, 2015. Excavation activities resumed November 1, 2016, to over excavate, remove impacted material and collect confirmation samples. Approximately 45 tons of impacted soil was excavated and removed from the pipeline release impacted area, and transported off-site for final disposal.

On November 9, 2016, the excavated stockpile was transported Lea Land Disposal facility located approximately 30 miles east of Carlsbad, New Mexico. Subsequent to receipt of laboratory analytical data, the excavation was backfilled with clean fill material and returned to approximate original grade on November 8, 2016.

3.2 Soil Sampling Program

Apex utilized a photoionization detector (PID) capable of detecting volatile organic compounds (VOCs) to assist in determining the extent of potential contamination and the approximate depth of the soil sample locations.

On November 1, 2016, Apex's soil sampling program consisted of collection five confirmation soil samples (CS-1 through CS-5). The samples were collected along the sidewalls and floor of the excavation at approximate depths of three and a half (3.5) feet and five (5) feet below ground surface (bgs), respectively.

Figure 3 is a Sample Location map that indicates the approximate location of the confirmation soil samples in relation to pertinent land features and general excavation boundaries (Appendix A).

The soil samples were collected and placed in laboratory prepared glassware, labeled/sealed using laboratory supplies labels, and placed on ice in a cooler, which was secured with a custody seal. The sample cooler and completed chain-of-custody forms were relinquished to Xenco Laboratories in Midland, TX for analysis.

3.3 Laboratory Analytical Methods

The soil samples were submitted for laboratory analysis of BTEX utilizing EPA SW-846 Method #8021B, TPH gasoline range organics (GRO) and diesel range organics (DRO) utilizing EPA SW-846 Method #8015, and chloride utilizing EPA Method 300.

Executed chain-of-custody form and laboratory data sheets are provided in Appendix D. All samples were analyzed within specified holding times.



4.0 DATA EVALUATION

The Site is subject to regulatory oversight by the New Mexico EMNRD OCD. To address activities related to condensate releases, the New Mexico EMNRD OCD utilizes the *Guidelines for Remediation of Leaks, Spills and Releases* as guidance, in addition to the OCD rules, specifically NMAC 19.15.30 *Remediation*. These guidance documents establish investigation and abatement action requirements for sites subject to reporting and/or corrective action.

Apex compared the BTEX and TPH concentrations or laboratory sample detection limits (SDLs) associated with the soil samples collected from the Site to the OCD Recommended Remediation Action Levels (RRALs) for sites having a total ranking score of 20.

4.1 Excavation Confirmation Samples

Laboratory analyses of the confirmation samples collected from the excavation (CS-1 through CS-5) did not exhibit BTEX concentrations above the laboratory SDLs, which are below the applicable OCD RRALs of 10 mg/Kg for benzene and 50 mg/Kg for BTEX.

Laboratory analyses of the confirmation samples collected from the excavation (CS-1 through CS-5) exhibited total TPH GRO/DRO concentrations ranging from below the laboratory SDLs to 18.2 mg/Kg. The identified concentrations and the laboratory SDLs are below the OCD RRAL of 100 mg/Kg for total TPH GRO/DRO.

Laboratory analyses of the confirmation samples collected from the excavation (CS-1 through CS-5) exhibited chloride concentrations ranging from 7.01 mg/Kg to 175 mg/Kg. The identified concentrations are below the OCD RRAL of 500 mg/Kg for chloride.

Confirmation sample results are provided in Table 1 in Appendix C.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The Potash Line 1002 is located within the Enterprise pipeline ROW in the NE ¼ of the SE ¼ of Section 35 in Township 25 South and Range 28 East in Eddy County, New Mexico, (32.082736, -104.050094). The Site consists of native vegetation range land periodically interrupted by oil and gas gathering facilities including one (1) Enterprise natural gas gathering pipeline which traverses the area northeast to southwest.

On November 7, 2015, Enterprise was informed of a pipeline leak by an aerial survey. Immediate response action commenced based on the Enterprise *General Release Notification, Response and Remediation Plan* (dated March 2015). Enterprise isolated the leaking portion, and the pipeline section was shut down to carry out repair activities. Approximately five (5) bbls of pipeline liquids were released from the pipeline and impacted surface soils east and west of the release point. Under the supervision of Enterprise personnel, stained soil was excavated by NMR Pipeline. Remediation activities began on November 24, 2015.

 The primary objective of the corrective action was to reduce the concentration of COC's in the on-Site soils to below the New Mexico EMNRD OCD RRALs using the New Mexico EMNRD OCD'S Guidelines for Remediation of Leaks, Spills and Releases as guidance.



- The Site was excavated utilizing heavy equipment to remove soils affected by the pipeline liquids. The final excavation dimensions measured approximately 10 feet wide by 20 feet long by five (5) feet deep. Approximately 45 tons of impacted soil was excavated and removed from the area impacted by the pipeline release.
- The impacted excavated soils were transported to Lea Land Disposal facility located approximately 30 miles east of Carlsbad, New Mexico. Subsequent to receipt of laboratory analysis, the excavation was backfilled with clean fill material and returned to approximate original grade.
- Following completion of excavation activities, five (5) confirmation samples (CS-1 through CS-5) were collected from the excavation sidewalls and floor, below the release point. Based on the laboratory analytical results, the soils remaining in place do not indicate benzene, total BTEX, TPH GRO/DRO or chloride concentrations above the applicable OCD RRALs for a Site Total Ranking Score of 20.

Based on completed on-Site response actions and laboratory analytical results, no additional investigation and/or remediation appears warranted at this time.

6.0 STANDARD OF CARE, LIMITATIONS, AND RELIANCE

Apex's services were 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, expressed 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 was performed in accordance with the scope of work agreed with the client.

Findings, conclusions and recommendations resulting from these services are based upon information derived from the on-Site activities and other services performed under this scope of work and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Apex cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this scope of services. Environmental conditions at other areas or portions of the Site may vary from those encountered at actual sample locations. Apex's findings and recommendations are based solely upon data available to Apex at the time of these services.

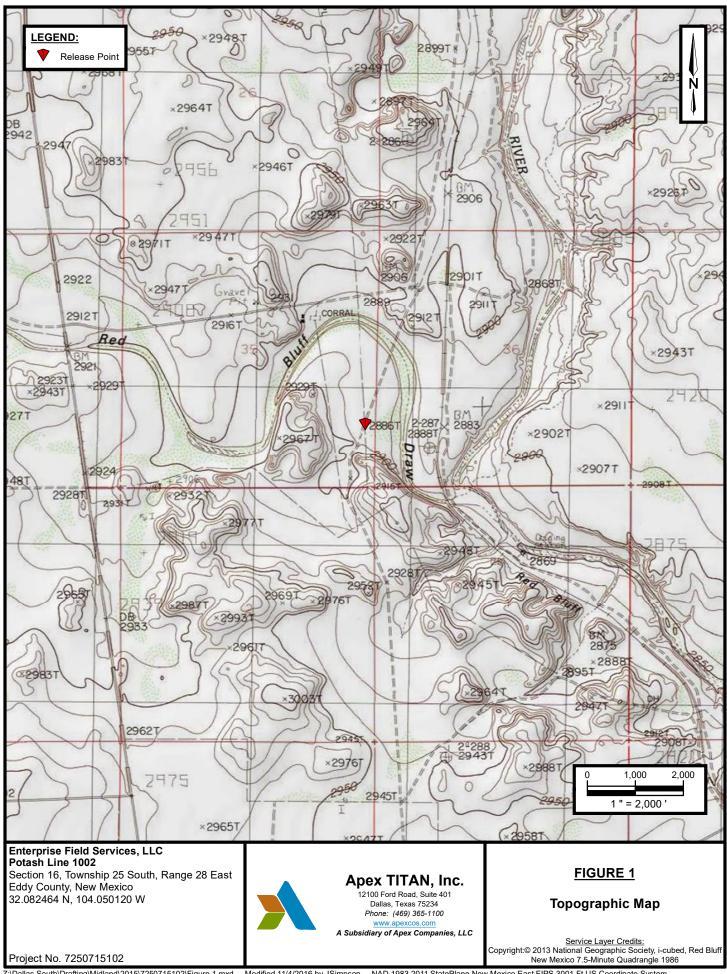
This report has been prepared for the exclusive use of Enterprise, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the expressed written authorization of Enterprise and Apex. Any unauthorized distribution 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.

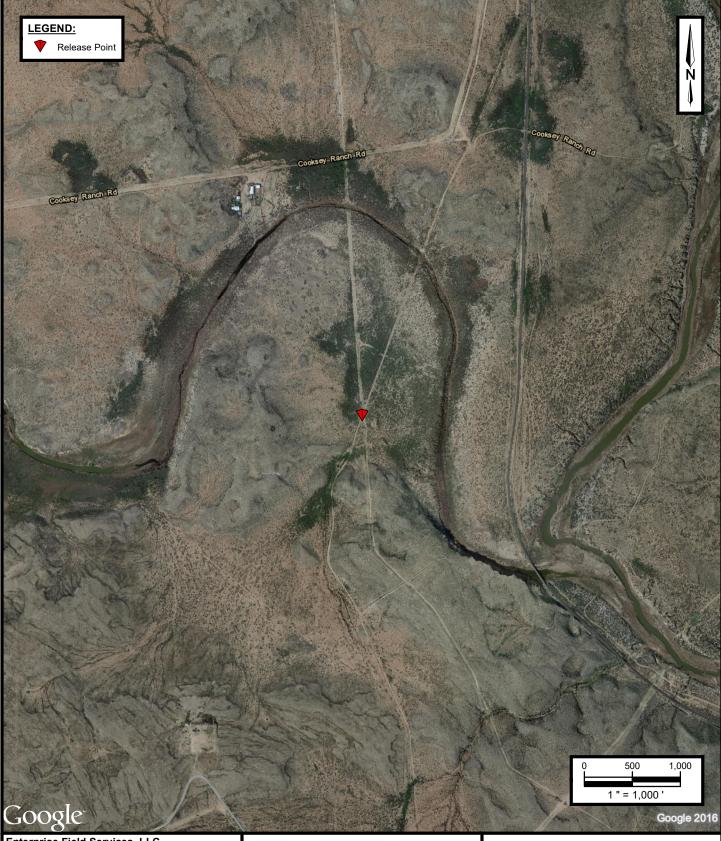




APPENDIX A

Figures





Enterprise Field Services, LLC Potash Line 1002

Section 16, Township 25 South, Range 28 East Eddy County, New Mexico 32.082464 N, 104.050120 W

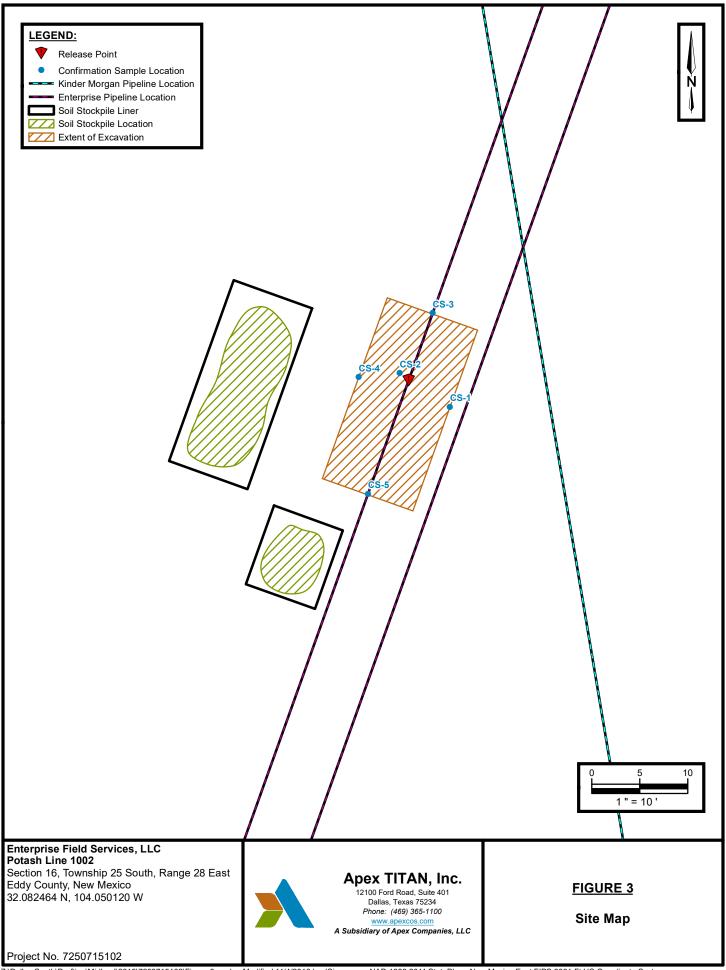


Apex TITAN, Inc.
12100 Ford Road, Suite 401
Dallas, Texas 75234
Phone: (469) 365-1100 A Subsidiary of Apex Companies, LLC

FIGURE 2

Site Vicinity Map

Service Layer Credits: Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, Aerial Photograph October 2014





APPENDIX B

Photographic Documentation



Close up view of exposed Enterprise Potash 1002 pipeline during initial hydroexcavation activities.



View of release point during initial hydroexcavation activities.



View of the length of the excavation during remediation activities, facing south.



View of clamped pipeline and stockpiled soil during remediation activities, facing west.



View of excavation during remediation activities, facing north.



View of excavation and stockpile area during remediation activities, facing northwest.





APPENDIX C

Tables



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS Potash Line 1002 Release

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH GRO (mg/Kg)	TPH DRO (mg/Kg)	Total TPH GRO/DRO (mg/Kg)	Chloride (mg/Kg)
New Mexico Oil Con	New Mexico Oil Conservation Division (NMOCD) Recomended Remediation Action Levels (RRALs) (Total Ranking Score: 20)										
New Mexico Oil Conservation Division (NMOCD) Recomended Remediation Action Level		10	NE	NE	NE	50	NE	NE	100	250	
			EXCAVATI	ON CONFRIMA	TION SAMPLE A	NALYTICAL RES	ULTS				
CS-1	11/1/2016	3.5	<0.00150	<0.00200	<0.00200	<0.00200	<0.00150	<15.0	<15.0	<15.0	9.68
CS-2	11/1/2016	5	<0.00150	<0.00200	<0.00200	<0.00200	<0.00150	<15.0	18.2	18.2	9.41
CS-3	11/1/2016	3.5	<0.00149	<0.00199	<0.00199	<0.00199	<0.00149	<15.0	<15.0	<15.0	7.01
CS-4	11/1/2016	3.5	<0.00149	<0.00199	<0.00199	<0.00199	<0.00149	<15.0	<15.0	<15.0	8.89
CS-5	11/1/2016	3.5	<0.00150	<0.00200	<0.00200	<0.00200	<0.00150	<15.0	<15.0	<15.0	175

bgs- below ground surface

mg/Kg- milligrams per Kilograms

NE - Not Established



APPENDIX D

Laboratory Data Reports & Chain-of-Custody Documentation

Analytical Report 539589

for APEX/Titan

Project Manager: Karolanne Toby
Potash Line 1002
7250715102

03-NOV-16

Collected By: Client





1211 W. Florida Ave, Midland TX 79701

Xenco-Houston (EPA Lab code: TX00122): Texas (T104704215), Arizona (AZ0765), Florida (E871002), Louisiana (03054) Oklahoma (9218)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295) Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400)

Xenco-San Antonio: Texas (T104704534)

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





03-NOV-16

Project Manager: Karolanne Toby

APEX/Titan

505 N. Big Spring Ste. 301 A

Midland, TX 79701

Reference: XENCO Report No(s): 539589

Potash Line 1002
Project Address:

Karolanne Toby:

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) 539589. 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. 539589 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

Knus Hoah

Project Manager

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Sample Cross Reference 539589



APEX/Titan, Midland, TX

Potash Line 1002

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
CS-1	S	11-01-16 12:00	3.5 ft	539589-001
CS-2	S	11-01-16 12:20	5 ft	539589-002
CS-3	S	11-01-16 12:25	3.5 ft	539589-003
CS-4	S	11-01-16 12:30	3.5 ft	539589-004
CS-5	S	11-01-16 13:00	3.5 ft	539589-005
CS-1 (RE)	S	11-01-16 13:10	3.5 ft	Not Analyzed
CS-2 (RE)	S	11-01-16 13:20	6 ft	Not Analyzed
CS-3 (RE)	S	11-01-16 13:30	3.5 ft	Not Analyzed
CS-4 (RE)	S	11-01-16 13:40	3.5 ft	Not Analyzed
CS-5 (RE)	S	11-01-16 13:50	3.5 ft	Not Analyzed
CS-2 (RE-2)	S	11-01-16 13:25	7 ft	Not Analyzed



CASE NARRATIVE



Client Name: APEX/Titan
Project Name: Potash Line 1002

 Project ID:
 7250715102
 Report Date:
 03-NOV-16

 Work Order Number(s):
 539589
 Date Received:
 11/02/2016

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3003192 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.



Certificate of Analysis Summary 539589

APEX/Titan, Midland, TX

Project Name: Potash Line 1002



Project Id: 7250715102 **Contact:** Karolanne Toby

Project Location:

Date Received in Lab: Wed Nov-02-16 10:12 am

Report Date: 03-NOV-16 **Project Manager:** Kelsey Brooks

	Lab Id:	539589-(001	539589-(002	539589-(003	539589-	004	539589-0	005	
4 1 · B	Field Id:	CS-1		CS-2		CS-3		CS-4		CS-5		
Analysis Requested	Depth:	3.5- ft	;	5- ft		3.5- ft	:	3.5- f	:	3.5- ft		
	Matrix:	SOIL		SOIL		SOIL		SOIL	,	SOIL		
	Sampled:	Nov-01-16	12:00	Nov-01-16	12:20	Nov-01-16	12:25	Nov-01-16	12:30	Nov-01-16	13:00	
BTEX by EPA 8021B	Extracted:	Nov-02-16	11:00	Nov-02-16	11:00	Nov-02-16	11:00	Nov-02-16	11:00	Nov-02-16	11:00	
	Analyzed:	Nov-02-16	12:56	Nov-02-16	13:13	Nov-02-16	13:29	Nov-02-16	13:46	Nov-02-16	14:02	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	
Benzene		< 0.00150	0.00150	< 0.00150	0.00150	< 0.00149	0.00149	< 0.00149	0.00149	< 0.00150	0.00150	
Toluene		< 0.00200	0.00200	< 0.00200	0.00200	< 0.00199	0.00199	< 0.00199	0.00199	< 0.00200	0.00200	
Ethylbenzene	Ethylbenzene		0.00200	< 0.00200	0.00200	< 0.00199	0.00199	< 0.00199	0.00199	< 0.00200	0.00200	
m,p-Xylenes		< 0.00200	0.00200	< 0.00200	0.00200	< 0.00199	0.00199	< 0.00199	0.00199	< 0.00200	0.00200	
o-Xylene	o-Xylene		0.00299	< 0.00300	0.00300	< 0.00298	0.00298	< 0.00299	0.00299	< 0.00299	0.00299	
Total Xylenes		< 0.00200	0.00200	< 0.00200	0.00200	< 0.00199	0.00199	< 0.00199	0.00199	< 0.00200	0.00200	
Total BTEX		< 0.00150	0.00150	< 0.00150	0.00150	< 0.00149	0.00149	< 0.00149	0.00149	< 0.00150	0.00150	
Inorganic Anions by EPA 300	Extracted:	Nov-02-16	13:06	Nov-02-16	13:06	Nov-02-16	13:06	Nov-02-16	13:06	Nov-02-16	13:06	
	Analyzed:	Nov-02-16	14:09	Nov-02-16	14:16	Nov-02-16	14:23	Nov-02-16	14:30	Nov-02-16	14:37	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	
Chloride		9.68	5.00	9.41	5.00	7.01	5.00	8.89	5.00	175	5.00	
TPH by SW 8015B	Extracted:	Nov-02-16	11:00	Nov-02-16	11:00	Nov-02-16	11:00	Nov-02-16	11:00	Nov-02-16	11:00	
	Analyzed:	Nov-02-16	18:05	Nov-02-16	18:29	Nov-02-16	19:17	Nov-02-16	19:41	Nov-02-16 2	20:07	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	
C6-C10 Gasoline Range Hydrocarbons		<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0	
C10-C28 Diesel Range Hydrocarbons		<15.0	15.0	18.2	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0	
Total TPH		<15.0	15.0	18.2	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0	

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

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

Kelsey Brooks Project Manager

Knis Roah



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

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 (210) 509-3334
 (210) 509-3335

 1211 W Florida Ave, Midland, TX 79701
 (432) 563-1800
 (432) 563-1713

 2525 W. Huntington Dr. - Suite 102, Tempe AZ 85282
 (602) 437-0330



Form 2 - Surrogate Recoveries

Project Name: Potash Line 1002

Work Orders: 539589, 539589 **Project ID:** 7250715102

Lab Batch #: 3003192 Matrix: Soil **Sample:** 539589-001 / SMP Batch:

Units:	mg/kg	Date Analyzed: 11/02/16 12:56	SURROGATE RECOVERY STUDY						
	ВТЕ	X by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags		
1.4-Difluorob		Analytes	0.0204	0.0200		00.120			
1,4-DIIIuorob	enzene		0.0284	0.0300	95	80-120			
4-Bromofluor	obenzene		0.0307	0.0300	102	80-120			

Lab Batch #: 3003192 Sample: 539589-002 / SMP Batch: 1 Matrix: Soil

Units: mg/kg **Date Analyzed:** 11/02/16 13:13 SURROGATE RECOVERY STUDY **Amount** True Control BTEX by EPA 8021B Found Limits Flags Amount Recovery [A] [B] %R %R [D] **Analytes** 1,4-Difluorobenzene 0.0297 0.0300 99 80-120 4-Bromofluorobenzene 0.0318 0.0300 80-120 106

Lab Batch #: 3003192 Sample: 539589-003 / SMP Batch: Matrix: Soil

Units: mg/kg Date Analyzed: 11/02/16 13:29 SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0301	0.0300	100	80-120	
4-Bromofluorobenzene	0.0322	0.0300	107	80-120	

Lab Batch #: 3003192 **Sample:** 539589-004 / SMP Batch: Matrix: Soil

Units:	mg/kg	Date Analyzed: 11/02/16 13:46	SURROGATE RECOVERY STUDY							
	ВТЕ	X by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
1,4-Difluoro	benzene		0.0306	0.0300	102	80-120				
4-Bromoflu	orobenzene		0.0320	0.0300	107	80-120				

Sample: 539589-005 / SMP Batch: Lab Batch #: 3003192 Matrix: Soil

Units:	mg/kg	Date Analyzed: 11/02/16 14:02	SURROGATE RECOVERY STUDY						
	ВТЕ	X by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags		
1,4-Difluorob	enzene	1 may 005	0.0312	0.0300	104	80-120			
4-Bromofluor	robenzene		0.0321	0.0300	107	80-120			

^{*} Surrogate outside of Laboratory QC limits

Surrogate Recovery [D] = 100 * A / B

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

^{***} Poor recoveries due to dilution



Form 2 - Surrogate Recoveries

Project Name: Potash Line 1002

Work Orders: 539589, 539589 **Project ID:** 7250715102

Lab Batch #: 3003196 Matrix: Soil **Sample:** 539589-001 / SMP Batch:

Units:	mg/kg	Date Analyzed: 11/02/16 18:05	SURROGATE RECOVERY STUDY						
	TP	H by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags		
1-Chlorooct	ane		109	99.9	109	70-135			
o-Terphenyl			56.5	50.0	113	70-135			

Lab Batch #: 3003196 Sample: 539589-002 / SMP Batch: 1 Matrix: Soil

Units: mg/kg Date Analyzed: 11/02/16 18:29 SURROGATE RECOVERY STUDY **Amount** True Control TPH by SW 8015B Found Limits Flags Amount Recovery [A] [B] %R %R [D] **Analytes** 1-Chlorooctane 111 99.9 111 70-135 o-Terphenyl 57.1 114 70-135 50.0

Lab Batch #: 3003196 Sample: 539589-003 / SMP Matrix: Soil Batch: 1

Units: mg/kg **Date Analyzed:** 11/02/16 19:17 SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	110	99.7	110	70-135	
o-Terphenyl	57.1	49.9	114	70-135	

Lab Batch #: 3003196 **Sample:** 539589-004 / SMP Batch: Matrix: Soil

Units:	mg/kg	Date Analyzed: 11/02/16 19:41	SURROGATE RECOVERY STUDY							
	TP	H by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
1-Chlorooc	tane		107	99.8	107	70-135				
o-Terpheny	1		55.5	49.9	111	70-135				

Lab Batch #: 3003196 Sample: 539589-005 / SMP Batch: Matrix: Soil

Units:	mg/kg	Date Analyzed: 11/02/16 20:07	SURROGATE RECOVERY STUDY							
	TPI	H by SW 8015B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
		Analytes			[D]					
1-Chloroocta	ane		106	99.7	106	70-135				
o-Terphenyl			55.4	49.9	111	70-135				

^{*} Surrogate outside of Laboratory QC limits

Surrogate Recovery [D] = 100 * A / B

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

^{***} Poor recoveries due to dilution



Form 2 - Surrogate Recoveries

Project Name: Potash Line 1002

Work Orders: 539589, 539589 **Project ID**: 7250715102

Lab Batch #: 3003192 Sample: 715677-1-BLK / BLK Batch: 1 Matrix: Solid

Units:	mg/kg	Date Analyzed: 11/02/16 12:40	SURROGATE RECOVERY STUDY							
	ВТЕ	X by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
		Analytes			[2]					
1,4-Difluorob	enzene		0.0295	0.0300	98	80-120				
4-Bromofluor	obenzene		0.0326	0.0300	109	80-120				

Lab Batch #: 3003196 Sample: 715657-1-BLK/BLK Batch: 1 Matrix: Solid

Units:	mg/kg	Date Analyzed: 11/02/16 13:09	SU	SURROGATE RECOVERY STUDY							
	TP	H by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags				
1-Chlorooct	tane		109	100	109	70-135					
o-Terpheny	1		57.7	50.0	115	70-135					

Lab Batch #: 3003192 Sample: 715677-1-BKS / BKS Batch: 1 Matrix: Solid

Units: mg/kg Date Analyzed: 11/02/16 11:17 SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0280	0.0300	93	80-120	
4-Bromofluorobenzene	0.0299	0.0300	100	80-120	

Lab Batch #: 3003196 Sample: 715657-1-BKS / BKS Batch: 1 Matrix: Solid

Units:	mg/kg	Date Analyzed: 11/02/16 13:39	SURROGATE RECOVERY STUDY							
	TP	H by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
1-Chlorooc	tane		127	100	127	70-135				
o-Terpheny	1		59.8	50.0	120	70-135				

Lab Batch #: 3003192 Sample: 715677-1-BSD / BSD Batch: 1 Matrix: Solid

Units:	mg/kg	Date Analyzed: 11/02/16 11:34	SURROGATE RECOVERY STUDY							
	ВТЕХ	K by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
		Analytes			[D]					
1,4-Difluorober	nzene		0.0291	0.0300	97	80-120				
4-Bromofluorol	penzene		0.0313	0.0300	104	80-120				

^{*} Surrogate outside of Laboratory QC limits

Surrogate Recovery [D] = 100 * A / B

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

^{***} Poor recoveries due to dilution



Form 2 - Surrogate Recoveries

Project Name: Potash Line 1002

Work Orders: 539589, 539589 **Project ID**: 7250715102

Lab Batch #: 3003196 Sample: 715657-1-BSD / BSD Batch: 1 Matrix: Solid

Units:	mg/kg	Date Analyzed: 11/02/16 14:08	SURROGATE RECOVERY STUDY							
	TP	H by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
1-Chlorooct	tane		122	100	122	70-135				
o-Terpheny	1		57.6	50.0	115	70-135				

Units:	BTEX by EPA 8021B Analytes fluorobenzene	Date Analyzed: 11/02/16 11:50	SURROGATE RECOVERY STUDY							
	ВТЕ	X by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
		Analytes			[D]					
1,4-Difluor	robenzene		0.0300	0.0300	100	80-120				
4-Bromoflu	uorobenzene		0.0357	0.0300	119	80-120				

Units: mg/kg Date Analyzed: 11/02/16 22:11 SURROGATE RECOVERY STUDY

TPH by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	124	99.9	124	70-135	
o-Terphenyl	63.2	50.0	126	70-135	

Units:	mg/kg	Date Analyzed: 11/02/16 12:07	SURROGATE RECOVERY STUDY							
BTEX by EPA 8021B		Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags				
		Analytes			נטן					
1,4-Difluor	obenzene		0.0301	0.0300	100	80-120				
4-Bromoflu	orobenzene		0.0329	0.0300	110	80-120				

Units:	mg/kg	Date Analyzed: 11/02/16 22:38	SURROGATE RECOVERY STUDY								
	TP	H by SW 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags				
1-Chlorooct	ane		122	99.8	122	70-135					
o-Terphenyl			57.9	49.9	116	70-135					

^{*} Surrogate outside of Laboratory QC limits

Surrogate Recovery [D] = 100 * A / B

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

^{***} Poor recoveries due to dilution



BS / BSD Recoveries



Project Name: Potash Line 1002

Work Order #: 539589, 539589 Project ID: 7250715102

Analyst: PJB Date Prepared: 11/02/2016 Date Analyzed: 11/02/2016

Lab Batch ID: 3003192Sample: 715677-1-BKSBatch #: 1Matrix: 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	< 0.00150	0.100	0.0920	92	0.100	0.104	104	12	70-130	35	
Toluene	< 0.00200	0.100	0.0914	91	0.100	0.105	105	14	70-130	35	
Ethylbenzene	< 0.00200	0.100	0.0973	97	0.100	0.109	109	11	71-129	35	
m,p-Xylenes	< 0.00200	0.200	0.200	100	0.200	0.222	111	10	70-135	35	
o-Xylene	< 0.00300	0.100	0.0984	98	0.100	0.109	109	10	71-133	35	

Analyst: MNR Date Prepared: 11/02/2016 Date Analyzed: 11/02/2016

Units: mg/kg BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300 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	< 5.00	250	246	98	250	249	100	1	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



Units:

BS / BSD Recoveries



Project Name: Potash Line 1002

Project ID: 7250715102 Work Order #: 539589, 539589

Date Prepared: 11/02/2016 **Date Analyzed:** 11/02/2016 **Analyst:** ARM

Lab Batch ID: 3003196 **Sample:** 715657-1-BKS **Batch #:** 1 Matrix: Solid

Units: mg/kg	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
TPH by SW 8015B	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes		[B]	[C]	[D]	[E]	Result [F]	[G]				
C6-C10 Gasoline Range Hydrocarbons	<15.0	1000	972	97	1000	942	94	3	70-135	35	
C10-C28 Diesel Range Hydrocarbons	<15.0	1000	939	94	1000	908	91	3	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 / MSD Recoveries



Project Name: Potash Line 1002

Work Order #: 539589 Project ID: 7250715102

Lab Batch ID: 3003192 **QC- Sample ID:** 539589-001 S **Batch #:** 1 **Matrix:** Soil

 Date Analyzed:
 11/02/2016
 Date Prepared:
 11/02/2016
 Analyst:
 PJB

Reporting Units: mg/kg 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	< 0.00149	0.0992	0.0754	76	0.100	0.0908	91	19	70-130	35	
Toluene	<0.00198	0.0992	0.0743	75	0.100	0.0918	92	21	70-130	35	
Ethylbenzene	< 0.00198	0.0992	0.0790	80	0.100	0.0942	94	18	71-129	35	
m,p-Xylenes	< 0.00198	0.198	0.166	84	0.200	0.194	97	16	70-135	35	
o-Xylene	< 0.00298	0.0992	0.0841	85	0.100	0.0957	96	13	71-133	35	

Lab Batch ID: 3003173 **QC- Sample ID:** 539588-001 S **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	35.9	250	282	98	250	283	99	0	90-110	20	

Lab Batch ID: 3003173 **QC- Sample ID:** 539635-001 S **Batch #:** 1 **Matrix:** Solid

Date Analyzed: 11/03/2016 Date Prepared: 11/02/2016 Analyst: MNR

Reporting Units: mg/kg MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	8.51	250	233	90	250	241	93	3	90-110	20	

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

Final 1.000



Form 3 - MS / MSD Recoveries



Project Name: Potash Line 1002

Work Order #: 539589 **Project ID:** 7250715102

Lab Batch ID: 3003196 **QC- Sample ID:** 539560-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 11/02/2016 Date Prepared: 11/02/2016 Analyst: ARM

Reporting Units: mg/kg MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by SW 8015B 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-C10 Gasoline Range Hydrocarbons	<15.0	999	926	93	998	839	84	10	70-135	35	
C10-C28 Diesel Range Hydrocarbons	<15.0	999	863	86	998	808	81	7	70-135	35	

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XENCO Laboratories Prelogin/Nonconformance Report- Sample Log-In



Client: APEX/Titan

Date/ Time Received: 11/02/2016 10:12:54 AM

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

Work Order #: 539589

Temperature Measuring device used: R8

The Grade in Second	Samula Dagaint Charleigt	Comments
	Sample Receipt Checklist	
#1 *Temperature of cooler(s)?		4.1
#2 *Shipping container in good condition	?	Yes
#3 *Samples received on ice?		Yes
#4 *Custody Seal present on shipping co		N/A
#5 *Custody Seals intact on shipping cor		N/A
#6 Custody Seals intact on sample bottle	es?	N/A
#7 *Custody Seals Signed and dated?		N/A
#8 *Chain of Custody present?		Yes
#9 Sample instructions complete on Cha	in of Custody?	Yes
#10 Any missing/extra samples?		No
#11 Chain of Custody signed when relind	quished/ received?	Yes
#12 Chain of Custody agrees with sampl	e label(s)?	Yes
#13 Container label(s) legible and intact?	?	Yes
#14 Sample matrix/ properties agree with	n Chain of Custody?	Yes
#15 Samples in proper container/ bottle?		Yes
#16 Samples properly preserved?		Yes
#17 Sample container(s) intact?		Yes
#18 Sufficient sample amount for indicate	ed test(s)?	Yes
#19 All samples received within hold time	e?	Yes
#20 Subcontract of sample(s)?		No
#21 VOC samples have zero headspace	(less than 1/4 inch bubble)?	N/A
#22 < 2 for all samples preserved with HN samples for the analysis of HEM or HEM-		N/A
analysts. #23 >10 for all samples preserved with N	laAsO2+NaOH, ZnAc+NaOH?	N/A
* Must be completed for after-hours de Analyst:	livery of samples prior to placing in PH Device/Lot#:	the refrigerator
Checklist completed by:	Julian Martinez	Date: <u>11/02/2016</u>
Checklist reviewed by:	Mmy froak Kelsey Brooks	Date: 11/02/2016



APPENDIX E

NMOCD C-141

NM OIL CONSERVATION

ARTESIA DISTRICT

District 1
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

NOV 1 2 2015

Form C-141 Revised August 8, 2011

Submit Representation appropriate District Office in accordance with 19.15.29 NMAC.

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

State of New Mexico

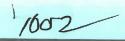
Energy Minerals and Natural Resources

FAB 532029020 Release Notification and Corrective Action										
NAB1532029638	OPERATOR Initial Report Final Report									
Name of Company Enterprise Field Services LLC	Contact Alena Polk									
PO Box 4324, Houston, TX 77210	Telephone No. 575-706-4926									
Facility Name Pipeline ROW, Potash Line 1002	Facility Type: Gas Gathering Pipeline									
Surface Owner State of New Mexico Mineral Own	er NA - Pipeline Lease No. NA									
	ON OF RELEASE									
Unit Letter Section Township Range Feet from the No.	orth/South Line Feet from the East/West Line County South 257 East Eddy									
Latitude: <u>32.08273</u>										
Type of Release Natural Gas and pipeline liquids	RE OF RELEASE									
Type of Release Transacti Gas and pipeline liquias	Volume of Release: 71 MCF gas Volume Recovered: N/A and 5bbls liquids									
Source of Release Pipeline Leak.	Date and Hour of Occurrence Date and Hour of Discovery									
Was Immediate Notice Given?	11/07/2015 @ 13:45 MST									
☐ Yes ☐ No ☒ Not Requir										
By Whom?	Date and Hour									
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.									
☐ Yes ⊠ No	· ·									
If a Watercourse was Impacted, Describe Fully.*	:									
Describe Cause of Problem and Remedial Action Taken.*										
Pipeline leak was detected by aerial survey. Pipeline segment was is noted on ROW.	olated, blown down, repaired following standard one-call. About 5 bbls of liquid									
Describe Area Affected and Cleanup Action Taken.*										
A liquid spill of about 5bbls occurred as part of the leak. Remediation Response and Remediation Plan (March 9, 2015).	n actions will follow the Enterprise Products, General Release Notification,									
	to the best of my knowledge and understand that pursuant to NMOCD rules and									
	se notifications and perform corrective actions for releases which may endanger the NMOCD marked as "Final Report" does not relieve the operator of liability									
should their operations have failed to adequately investigate and remed	diate contamination that pose a threat to ground water, surface water, human health									
	rt does not relieve the operator of responsibility for compliance with any other									
federal, state, or local laws and/or regulations.	OIL CONSERVATION DIVISION									
Signature: Jon Fulls	(a) / /									
Printed Name. Jon E. Flelds	Approved by District Supervisor:									
Title: Director, Field Environmental	Approval Date: 1111015 Expiration Date: N/A									
E-mail Address: jefields@eprod.com	Conditions of Approval: Remediation per O.C.D. Rules & Guidelines									
Date: //-/2-20/5 Phone: 713-381-6684	SUBMIT REMEDIATION PROPOSAL NO									
Attach Additional Sheets If Necessary	LATER THAN: 1211115 2PD 339									



APPENDIX F

Waste Disposal Tickets



LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NO	N-HAZARDOUS WASTE MANII	NO	116139	1. 1	PAGE_	_OF	2. TRAI	LER NO.	28			
G	3. COMPANY NAME	4. ADD	RESS	8				K-UP DATE	3			
J	PHONE NO.	CITY		STATE		ZIP		CC I.D. NO).	-		
E	(979) 885-7290	- Sectati	end .	MM-38221								
	7. NAME OR DESCRIPTION OF WASTE SHIPPI	ED:			8. CO No.	NTAINE Typ		. TOTAL JANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #		
N	a.					7,				WIGIEID		
	b _i ,	F										
E	c.											
R	d. 2117D					-	+					
K	12. COMMENTS OR SPECIAL INSTRUCTIONS:		-				13	WASTE P	ROFILE NO			
A	1000 LEAK COOKSEVE ANGEL						101		COTTLE TO	Arms		
	14. IN CA	SE OF	EMER	GENCY OR SPIL	L, CO	NTAC	T					
T	NAME In Elmunion	E NO					24-HOUR	EMERGEN	ICY NO.			
	15.GENERATOR'S CERTIFICATION:	I Hereby o	declare tha	t the contents of this co	nsignme	ent are fi	ılly and a	accurately d	lescribed ab	ove by proper		
0	shipping name and are classified, packed, marked, and international and national government regulations, in	a labeled, a	and are in :	all respects in proper cor	ndifion 1	or traner	ort by hi	abveny need	rding to an	aliaahla		
R	PRINTED/TYPED NAME			SIGNATURE					_	DATE		
					- (7)							
T R	16. TRANSPORTER (1)			17.	T	RANS	PORTI	ER (2)				
A	NAME:			NAME:								
N S	TEXAS I.D. NO.			TEXAS I.D. NO.						15-16-1		
P O	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMER	RGENC	Y CONT	ACT:			- 1		
R T	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of			EMERGENCY PHO 19. TRANSPOR		(2): Acl	cnowleds	ment of re	ceint of mat	erial		
E	PRINTED/TYPED NAME	+ 1/0	do	PRINTED/TYPED								
R S	SIGNATURE	DATE	11/9/	016								
-	SIGIVATORE	DATE ADDRE		SIGNATURE				DA	TE			
	Lea Land, LLC	ADDRE		e Marker 64, U.S	. Hw	v 62/1		PHONE:		-4048		
) F [A				Miles East of Car		-	- í			1010		
S C	PERMIT NO. WM-01-035 - New Mexic	co		20. COMMENTS								
) L			I Homeley a	omi C . 41 - 4 - 1 - 1 - 1 - 1			1.12					
T	21.DISPOSAL FACILITY'S CERTIFICA facility is authorized and permitted to receive such wa	stes.	r nereby c	certify that the above des	scribed	wastes w	ere deliv	ered to this	tacility, tha	t the		
Y	AUTHORIZED SIGNATURE	~ A		CELL NO.		DA	ТЕ	2016.	TIME	30		
	LUNTU LOOM	Wit							111			

1002

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NO	ON-HAZARDOUS WASTE MANI	IFEST NO	116137	1. PAG	E_OF_	2. TRAIJ	LER NO.	210			
	3. COMPANY NAME	4. ADDRESS			5. P	ICK-UP DATE					
G	PHONE NO.	CUTTY	amum-			1/0/2016		1011			
	1575) 885-7238	CITY	STATE	Z	IP 6. T	NRCC I.D. NO).				
E	7. NAME OR DESCRIPTION OF WASTE SHIP	PED:		8. CONTA	AINERS	9. TOTAL	10. UNIT	11. TEXAS			
N	a.			No.	Туре	QUANTITY	Wt/Vol.	WASTE ID			
"	Ь.										
E	U ₁										
	c.										
R	d 24820										
	12. COMMENTS OR SPECIAL INSTRUCTIONS	S:				13. WASTE PF	ROFILE N	0			
A	1002 LEAK COOKSEV PANCH										
	14. IN C.	ASE OF EMERO	GENCY OR SPILI	L. CONT	FACT		_				
T	NAME	PHONE NO	RGENCY OR SPILL, CONTACT 24-HOUR EMERGENCY NO.								
0	15. GENERATOR'S CERTIFICATION : shipping name and are classified, packed, marked, an international and national government regulations, i	nu iadeieu, and are in a	III respects in proper con	dition for t	rancmort b	tz hightynyt oggo	melina a da a -	1: 1- I -			
R	PRINTED/TYPED NAME		SIGNATURE		arana pr	етовогу црргоч		DATE			
	ATTO JERENDAM MALAWAY							DATE			
T	16. TRANSPORTER (1)		17.	TRA	NSPOR	TER (2)	_				
R	NAME: BARTBUCKING		NAME:								
N	TEXAS I.D. NO.		TEXAS I.D. NO.								
S P	IN CASE OF EMERGENCY CONTACT:		IN CASE OF EMER	GENCY C	ONTACT						
O R	EMERGENCY PHONE:	361 32 67	EMERGENCY PHO								
T	18. TRANSPORTER (1): Acknowledgment of	of receipt of material	19. TRANSPOR	TER (2):	Acknowl	edgment of rec	eipt of ma	terial			
E R	PRINTED/TYPED NAME	gado Jr.	PRINTED/TYPED N	NAME							
S	SIGNATURE	DATE	SIGNATURE			DA	ГЕ				
		ADDRESS:			_	PHONE:					
D F	Lea Land, LLC	Mile	Marker 64, U.S.	. Hwy 6	52/180,	5	75-887	-4048			
I A	DEDINITAR	30 N	files East of Car	lsbad, N	IM						
S C P I	PERMIT NO. WM-01-035 - New Mex	ico	20. COMMENTS								
O L S I	21.DISPOSAL FACILITY'S CERTIFIC	ATION: I Hereby co	ertify that the above desc	cribed wast	es were A	livered to this	facility the	nt the			
A T	facility is authorized and permitted to receive such w	astes.		orioca wast	os wore de	savered to tills	racinty, the	n me			
L Y	AUTHORIZED SIGNATURE	A	CELL NO.		DATE	2/2010	TIME	00			
	Lantu Lonzo	Uit					110	A Pro-			

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

						_				-1
NO	N-HAZARDOUS WASTE MANII	FEST	NO	116138	1. P.	AGE_	_OF	2. TRAJI	LER NO.	57
	3. COMPANY NAME	4. ADD	RESS					K-UP DATE		
G	Enterprise Pield Services LLC	F 9.0	Les this				1.20			
	PHONE NO.	CITY		STATE		ZIP	6. TNF	RCC I.D. NO).	
E	POLISI III D-72 ID	Gwest								
IL.	7. NAME OR DESCRIPTION OF WASTE SHIPPI	ED.			8. CO	VTAINI	ERS	9. TOTAL	10. UNIT	11. TEXAS
	7. WINE OR BESCRIFTION OF WASTE SHIFF	ED,			No.	Туј		UANTITY	Wt/Vol.	WASTE ID#
N	a.									
	b.						-			
100										
E	c,									
17	d.					-				
R	u.									
	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13	. WASTE PI	ROFILE NO)
	1007 LEAR COOKSEY RANCH									
A										
	14. IN CA			GENCY OR SPIL	L, CO	NTAC	CT			
T	NAME	PHON	E NO					24-HOUR	EMERGEN	ICY NO.
0	15.GENERATOR'S CERTIFICATION:	I Hereby	declare tha	t the contents of this con	nsignme	nt are f	ully and	accurately d	lescribed ab	ove by proper
0	shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, cluding a	and are in a	all respects in proper cor	idition for	or trans	port by h	nighway acco	ording to ap	plicable
							wio provi	tousty appro		
R	PRINTED/TYPED NAME			SIGNATURE	*					DATE
				195						
T	16. TRANSPORTER (1)			17.	TI	RANS	PORT	ER (2)		
R A	NAME:			NAME:						
N	TEVACIDAD									
S	TEXAS I.D. NO.			TEXAS I.D. NO.						
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMER	RGENC'	Y CON	TACT:			
O R	EMERGENCY PHONE:	301-12	17.	EMERGENCY PHO	ONE:					
T	18. TRANSPORTER (1): Acknowledgment of	f receipt o	f material	19. TRANSPOR		2): Ac	knowled	Igment of re	ceipt of ma	terial
E	PRINTED/TYPED NAME	gad.		DDD ITED IT IDED	N. 1. 1. E.E.					100
R	TRIVIDATITED WAND	1 1/9/3	7.7.10.0	PRINTED/TYPED	NAME .					
S	SIGNATURE	DATE		SIGNATURE				DA	TE	
		ADDR	ECC.							
	Lea Land, LLC	ADDR		Maulaar (4 IIC	TT	(2)	100	PHONE:	75 007	1040
D F	Lea Land, LLC			e Marker 64, U.S		•	1	- 111	575-887	-4048
I A	NED CONTROL OF THE PROPERTY OF		30 F	Miles East of Car	risbad	, NM				
S C	PERMIT NO. WM-01-035 - New Mexi	iaa		20. COMMENTS						
PI	W WI-01-033 - New Wex	ico								
SI	21. DISPOSAL FACILITY'S CERTIFIC	ATION:	I Hereby	certify that the above des	scribed v	vastes v	vere deli	ivered to this	facility, the	at the
T	facility is authorized and permitted to receive such wa	astes.								
Y	AUTHORIZED SIGNATURE	A		CELL NO.		DA	ATE .	/2016	TIMI	
	/Anta / Max	Allis	1				(115	8 00
		L L LITTLE					A			



LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

		_					_			
NO	N-HAZARDOUS WASTE MANIF	EST	NO	116140	1. F	AGEC	F	2. TRAI!	LER NO.	38
G	3. COMPANY NAME	4. ADD	RESS	99		5	. PICK-	UP DATE	Ξ	
1 "	PHONE NO.	CITY		STATE		710	The state of the s	2		
E	11072.00	CITI		SIALE		ZIP 6	. INRCO	C I.D. NC).	
	7. NAME OR DESCRIPTION OF WASTE SHIPPEI	D·			8. CO	NTAINER	S 9. T	OTAL	10. UNIT	11. TEXAS
N	Rion Segulated Flori Hacardidas Visites 8.				No.	Type	QUA	NTITY	Wt/Vol.	WASTE ID #
I										
l E	b.									
E	c.									
n	d. 21 (11)						-			
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:									
١.	12. COMMENTS ON SI ECIAL INSTRUCTIONS.						13. W	ASTE PI	ROFILE NO	О,
A										
Т	NAME	PHONE		GENCY OR SPILE	L, CO	NTACT	2/	НОПВ	EMERGEN	ICV NO
1	Militar aughter	75-38	1-1018				24	-nook	EMERGER	NCY NO.
0	15.GENERATOR'S CERTIFICATION: I	Hereby o	leclare tha	at the contents of this cor	nsignme	nt are fully	and acc	curately d	lescribed ab	ove by proper
0	shipping name and are classified, packed, marked, and international and national government regulations, incl	rabered, a	and are in	all respects in proper con	idition f	ar franchar	t by him	337/037 0000	redina to an	mlianhla
R	PRINTED/TYPED NAME			SIGNATURE	_			J IFF-		DATE
l K									AL-	DAIL
T	16. TRANSPORTER (1)			17.	TI	RANSPO	RTE	3 (2)	-	
R A	NAME:			NAME:				(-)		
N	TEXAS I.D. NO.			TEXAS I.D. NO.						
S P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMER	CENC	Z CONTRA	OT.			
0	EMERGENCY PHONE:					CONTAC	J1:			
R T	18. TRANSPORTER (1): Acknowledgment of r	eceipt of	material	EMERGENCY PHO 19. TRANSPOR		2): Ackno	wledgm	ent of rec	ceipt of mat	erial
E	PRINTED/TYPED NAME	Suid I ji		PRINTED/TYPED 1						
R S	1 2 72	9	11000	TRINIED/TIFED	NAME					-
	SIGNATURE D	ATE		SIGNATURE				DA	TE	<u> </u>
		ADDRE						IONE:		
D F	Lea Land, LLC			e Marker 64, U.S			0,	5	75-887	-4048
I A	PERMIT NO.		30 N	Miles East of Car	Isbad	, NM				
S C P I	WM-01-035 - New Mexico	0		20. COMMENTS						
O L S I	21.DISPOSAL FACILITY'S CERTIFICAT	TION.	I I I analas		., ,					
A T	21.DISPOSAL FACILITY'S CERTIFICAT facility is authorized and permitted to receive such waste	es.	nereby (ceruly that the above des	cribed v	vastes were	deliver	ed to this	facility, tha	t the
L Y	AUTHORIZED SIGNATURE	٨		CELL NO.		DATE	1/0/20	0.6	TIME	100
	Lantal Langi	Allo	7						10	. 13

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5