

3R-438

**Release Report/ General
Correspondence**

C-141

Date: DEC 2014 JAN 2015

36.863670 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

OIL CONS. DIV DIST. 3

DEC 22 2014 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 Updated

Name of Company: Enterprise Field Services LLC	Contact: Thomas Long
Address: 614 Reilly Ave, Farmington, NM 87401	Telephone No. 505-599-2286
Facility Name: Blanco Vent Tank Release RP#3R-438-0	Facility Type: Natural Gas Compressing Facility

Surface Owner: Private	Mineral Owner: BLM	API No.
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LOCATION OF RELEASE

Unit Letter C	Section 14	Township 29N	Range 11W	Feet from the 984	North South Line	Feet from the 1398	East West Line	County San Juan
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Latitude 36.73019 Longitude -107.96524

NATURE OF RELEASE

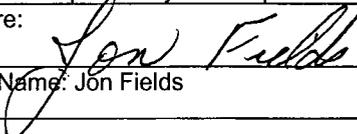
Type of Release: Condensate	Volume of Release ~5 BBLS	Volume Recovered: None
Source of Release: Tank Over Flow	Date and Hour of Occurrence: December 7, 2011 @12:30 p.m.	Date and Hour of Discovery: December 7, 2011 @12:30 p.m.
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action: On December 7, 2011, five (5) barrels of condensate was release into the unlined containment. Standing liquids was removed and initial remediation of the release was implemented where approximately 1, 077 cubic yards of hydrocarbon impacted soil was excavated and transported to an approved NMOCD landfarm facility. These activities are documented in the *Corrective Action Report - Blanco Storage Vent Tank Release, dated January 6, 2012 (Southwest Geoscience)*. Due to operational and safety considerations, including third party pipeline right of ways (ROWs), lateral advancement of the December 2011 excavation was terminated prior to the removal of all petroleum hydrocarbon impacted soils. The excavation was backfilled with clean fill to surrounding grade, and a new, lined containment area was built to house the methanol and vent tanks. In 2014, the vent tank was permanently removed from service. In October 2014, Enterprise implemented a Supplemental Site Investigation to further assess subsurface impacts. Thirteen (13) trenches were advanced around the former excavation perimeter, measuring up to ten (10) feet in length and averaging 1.5 feet wide. The depths of the trenches ranged from two (2) to eight (8) feet in depth.

Describe Area Affected and Cleanup Action: In October 2014, Enterprise implemented a Supplemental Site Investigation to further assess subsurface impacts. Thirteen (13) trenches were advanced around the former excavation perimeter, measuring up to ten (10) feet in length and averaging 1.5 feet wide. The depths of the trenches ranged from two (2) to eight (8) feet in depth. Base on the attached Supplemental Site Investigation report, additional corrective action is required. Enterprise anticipates the scheduling of the supplemental corrective actions in early 2015 based on available contractors.

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: 	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Jon Fields	Approved by Environmental Specialist:		
Title: Director, Environmental	Approval Date:	Expiration Date:	
E-mail Address: jefields@eprod.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: <u>12-16-2014</u>	Phone: (713)381-6684		

* Attach Additional Sheets If Necessary



OIL CONS. DIV DIST. 3

DEC 22 2014

SUPPLEMENTAL SITE INVESTIGATION REPORT (2014)

RP # 3R-438-0

Property:

Blanco Storage Vent Tank
NW ¼ Section 14, T29N R11W
Bloomfield, San Juan County, New Mexico

December 11, 2014
Apex Project No. 7030411G018

Prepared for:

Enterprise Field Services, LLC
614 Reilly Avenue
Farmington, NM 87401
Attn: Mr. Thomas Long

Prepared by:



Kyle Summers, C.P.G.
Branch Manager / Senior Geologist



Elizabeth Scaggs, P.G.
Senior Program Manager

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	Site Description and Background	1
1.2	Project Objective	1
1.3	Site Ranking.....	2
1.4	Standard of Care, Limitations & Reliance	2
2.0	SITE INVESTIGATION	3
2.1	Investigative Trenching	3
2.2	Soil Sampling Program	3
3.0	LABORATORY ANALYTICAL METHODS	4
4.0	DATA EVALUATION	4
5.0	FINDINGS AND RECOMMENDATIONS	5

LIST OF APPENDICES

Appendix A: Figures

Appendix B: Table

Appendix C: Laboratory Data Sheets &
Chain of Custody Documentation

SUPPLEMENTAL SITE INVESTIGATION REPORT (2014)

RP # 3R-438-0

**Blanco Storage Vent Tank
NW ¼ Section 14, T29N R11W
Bloomfield, San Juan County, New**

Apex Project No. 7030411G018

1.0 INTRODUCTION

1.1 Site Description and Background

The Blanco Storage Vent Tank Release Site is located within the Enterprise Field Services, LLC (Enterprise) Blanco Storage facility in the Northwest (NW) ¼ of Section 14, Township 29 North and Range 11 West in Bloomfield, San Juan County, New Mexico, referred to hereinafter as the "Site" or "subject Site". The Site is located on private land within the Enterprise Blanco Storage facility. The immediate surroundings are predominantly characterized by petroleum gathering and processing facilities.

On December 7th, 2011, evidence of a release was identified at the Site. An unknown quantity of natural gas condensate (condensate) and water was released into the unlined secondary containment as a result of an overflow from the vent tank. Soil discoloration indicates that the released fluids primarily pooled in the southern half of the containment, with the deepest pooling occurring in the southwest corner of the containment. Soil removal activities were initiated on December 14th, 2011 and resulted in the removal of approximately 1,077 cubic yards of affected soil, which was subsequently transported to the Envirotech, Inc. land farm facility near Hilltop, New Mexico for treatment/disposal. These activities are documented in the *Corrective Action Report – Blanco Storage Vent Tank Release*, dated January 6, 2012 (Southwest Geoscience).

Due to operational and safety considerations, including third party pipeline right of ways (ROWs), lateral advancement of the December 2011 excavation was terminated prior to the removal of all petroleum hydrocarbon impacted soils. The excavation was backfilled with clean fill to surrounding grade, and a new, lined containment area was built to house the methanol and vent tanks. During 2014, the vent tank was permanently taken out of service and removed from the Site.

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 Supplemental Site Investigation (SSI) was to further define the remaining hydrocarbon impact at the Site, which in turn, will help determine the best course of corrective action to reduce the concentration of constituents 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.



1.3 Site Ranking

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 New Mexico Administrative Code (NMAC) 19.15.29 *Remediation Plan*. These guidance documents establish investigation and abatement action requirements for sites subject to reporting and/or corrective action. Apex TITAN, Inc. (Apex) utilized the general site characteristics to determine the appropriate "ranking" for the Site. Ranking criteria and associated scoring are provided in the following table:

Ranking Criteria			Ranking Score
Depth to Groundwater	<50 feet	20	20
	50 to 99 feet	10	
	>100 feet	0	
Wellhead Protection Area • <1,000 feet from a water source, or; <200 feet from private domestic water source.	Yes	20	0
	No	0	
Distance to Surface Water Body	<200 feet	20	10
	200 to 1,000 feet	10	
	>1,000 feet	0	
Total Ranking Score			30

Based on Apex's evaluation of the scoring criteria, the Site would have a maximum Total Ranking Score of 30. This ranking is based on the following:

- Numerous wells are documented within a 1.5 mile radius of the site. The closest well, based on information obtained from the New Mexico State Engineer's Office is >1,000 feet to the southeast of the Site at a lower elevation on the valley floor. Groundwater was not encountered during the excavation activities, and the actual depth to groundwater is unknown. Based on data from other environmental studies in the vicinity, groundwater may be present at a depth of < 50 feet below grade surface (bgs) at the Site.
- No water sources were identified in the immediate area.
- Bloomfield Canyon Arroyo, though generally dry, is located approximately 2,450 feet west of the Site. A seasonal irrigation ditch is located approximately 850 feet west of the Site.

Based on a Total Ranking Score of 30, cleanup goals for soil located at the Site include: 10 milligrams per kilogram (mg/Kg) for benzene, 50 mg/Kg for total benzene, toluene, ethylbenzene, and xylenes (BTEX), and 100 mg/Kg for total petroleum hydrocarbon (TPH) gasoline range organics (GRO)/diesel range organics (DRO).

1.4 Standard of Care, Limitations & 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 Field Services, LLC, 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.

2.0 SITE INVESTIGATION

Enterprise implemented a SSI during October 2014 to further assess the incomplete corrective action excavation performed during December 2011. A backhoe was utilized to perform investigative trenching operations outside of the boundaries of the 2011 excavation.

2.1 Investigative Trenching

Thirteen (13) trenches were advanced around the former excavation perimeter, measuring up to ten (10) feet in length and averaging 1.5 feet wide. The depths of the trenches varied from two (2) to eight (8) feet in depth, depending on the depth at which sandstone was encountered.

The lithology encountered during the completion of SSI activities consisted primarily of sands and silty sands, underlain by a shaley sandstone present at depths ranging from two (2) foot to eight (8) feet bgs. Groundwater was not encountered during the excavation activities.

2.2 Soil Sampling Program

Apex's soil sampling program included the collection of 28 investigation samples from the side walls and bottom of the investigative trenches for laboratory analysis. Depending on the final depth of the trench, either two (2) or three (3) samples were collected from each location. The soil sample intervals were selected to obtain the maximum coverage of the trench's vertical profile.

Figure 3 and Figure 4 depict the approximate dimensions of the December 2011 excavation and 2014 SSI trenches, respectively, as well as the analytical sample locations for soils remaining in place. (Appendix A).

The soil samples selected for laboratory analysis were collected and placed in laboratory prepared glassware, labeled/sealed using the laboratory supplied label, and placed on ice in a cooler, which was secured with a custody seal. The sample cooler and completed chain-of-

custody form were relinquished to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico.

3.0 LABORATORY ANALYTICAL METHODS

The soil samples selected for laboratory analysis were analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX) using EPA SW-846 Method #8021, and total petroleum hydrocarbons (TPH) gasoline range organics (GRO) and diesel range organics (GRO) using EPA SW-846 Method #8015.

Laboratory results for the investigative soil samples are summarized in Table 1, included in Appendix B. The executed chain-of-custody form and laboratory data sheets are provided in Appendix C.

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 19.15.29 *Remediation Plan*. These guidance documents establish investigation and abatement action requirements for sites subject to reporting and/or corrective action.

Apex compared the TPH GRO/DRO and BTEX concentrations or laboratory reporting limits (RLs) associated with the soil samples to the OCD *Remediation Action Levels* for a Site ranking of 30.

Total Petroleum Hydrocarbons

Investigative soil samples SR-1 through SR-14, SR-16, SR-18, SR-23 through SR-26, and SR-28 exhibited combined TPH GRO/DRO concentrations ranging from below the laboratory RL to 69 mg/Kg, which are below the OCD's *Remediation Action Level* of 100 mg/Kg.

Investigative soil samples SR-15, SR-17, SR-19 through SR-22, and SR-27 exhibited combined TRP GRO/DRO concentrations ranging from 152 mg/Kg to 3,900 mg/Kg, which exceed the OCD's *Remediation Action Level* of 100 mg/Kg.

Benzene

Investigative soil samples SR-1 through SR-28 exhibited benzene concentration levels ranging from below laboratory RLs to 2.8 mg/Kg, which are below the OCD's *Remediation Action Level* of 10 mg/Kg.

Total BTEX

Investigative soil samples SR-1 through SR-14, SR-16, SR-17, SR-18, SR-20, SR-22 through SR-26, and SR-28 exhibited total BTEX concentrations ranging from below the laboratory RLs to 21 mg/Kg, which are below the OCD's *Remediation Action Level* of 50 mg/Kg.

Investigative soil samples SR-15, SR-19, SR-21, and SR-27 exhibited total BTEX concentrations ranging from 161 mg/Kg to 405 mg/Kg, which exceed the OCD's *Remediation Action Level* of 50 mg/Kg.

The results of soil sample analyses are summarized in Table 1 of Appendix B. Figures 3 and 4 (Appendix A) provide sample locations, and identify the samples that exceeded the OCD *Remediation Action Level* for the 2011 excavation and the 2014 SSI, respectively.

5.0 FINDINGS AND RECOMMENDATIONS

The Blanco Storage Vent Tank Release Site is located within the Enterprise Blanco Storage facility in the NW $\frac{1}{4}$ of Section 14, Township 29 North and Range 11 West in Bloomfield, San Juan County, New Mexico. The Site is located on private land within the Enterprise Blanco Storage facility. The immediate surroundings are predominantly characterized by petroleum gathering and processing facilities.

On December 7th, 2011, evidence of a release was identified at the Site. An unknown quantity of natural gas condensate (condensate) and water was released into the unlined secondary containment as a result of an overflow from the vent tank. Soil discoloration indicates that the released fluids primarily pooled in the southern half of the containment, with the deepest pooling occurring in the southwest corner of the containment. Soil removal activities were initiated on December 14th, 2011 and resulted in the removal of approximately 1,077 cubic yards of affected soil, which was subsequently transported to the Envirotech, Inc. land farm facility near Hilltop, New Mexico for treatment/disposal.

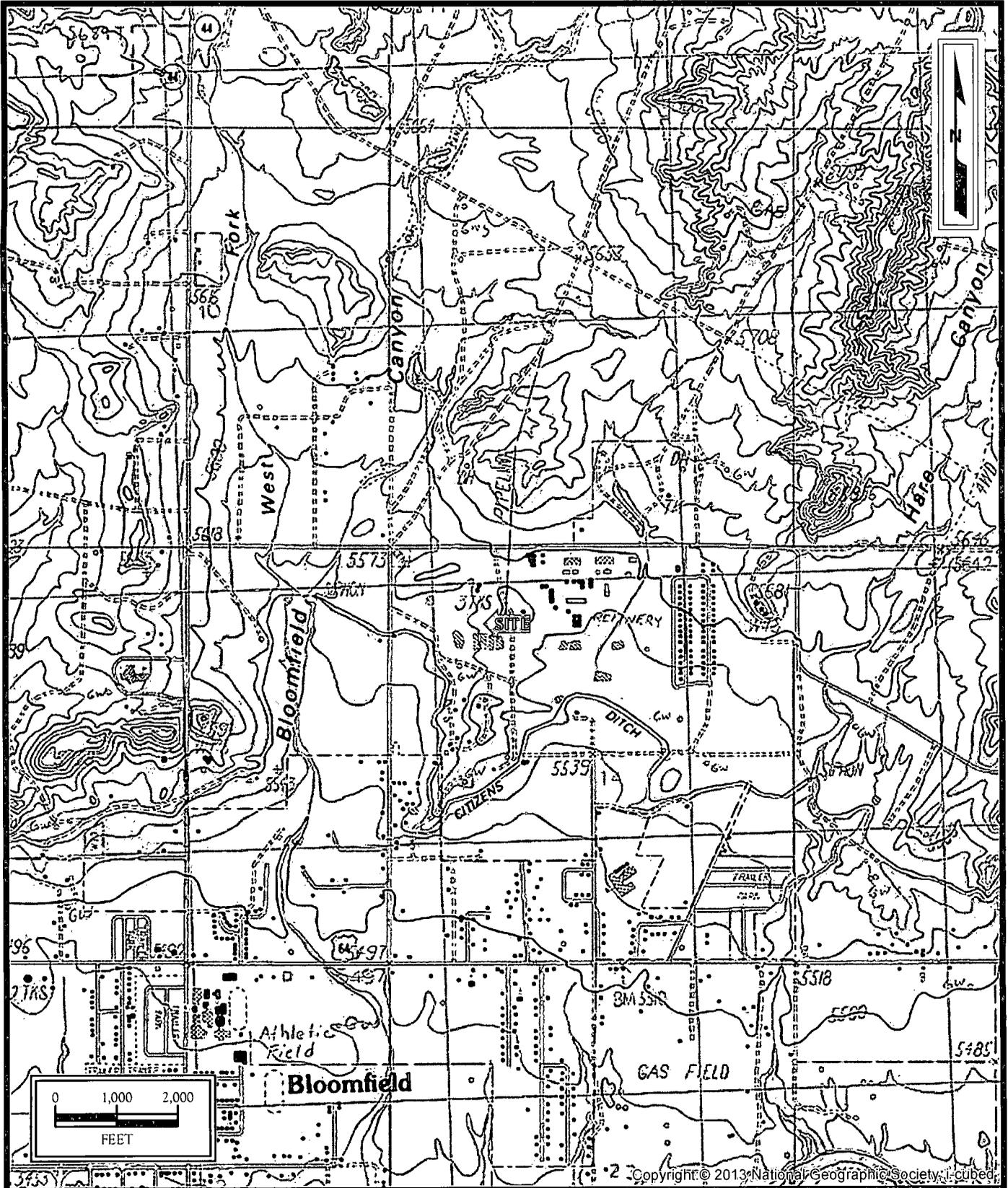
Due to operational and safety considerations, including third party pipeline right of ways (ROWS), lateral advancement of the December 2011 excavation was terminated prior to the removal of all petroleum hydrocarbon impacted soils. The excavation was backfilled with clean fill to surrounding grade, and a new, lined containment area was built to house the methanol and vent tanks. During 2014, the vent tank was permanently taken out of service and removed from the Site.

- The primary objective of the SSI was to further define the remaining hydrocarbon impact at the Site, which in turn, will help determine the best course of corrective action to reduce the concentration of COCs in the on-Site soils to below the New Mexico EMNRD OCD Remediation Action Levels.
- The lithology encountered during the completion of SSI activities consisted primarily of sands and silty sands, underlain by a shaley sandstone present at depths ranging from two (2) foot to eight (8) feet bgs. Groundwater was not encountered during the excavation activities.
- Analytical data obtained from the SSI indicates affected soils previously identified at the eastern, southeastern, and southern sidewalls of the former excavation are limited in extent.
- Analytical data obtained from the SSI indicates hydrocarbon impact is present west and southwest of the former excavation, exhibiting BTEX and TPH concentrations that exceed the OCD Remediation Action Levels. The extent of this impact is not fully defined.

Based on data obtained from the SSI, additional corrective action is necessary at the former release Site. The presence of affected soils to the west (cross-gradient) may indicate a second historic release source.

APPENDIX A

Figures



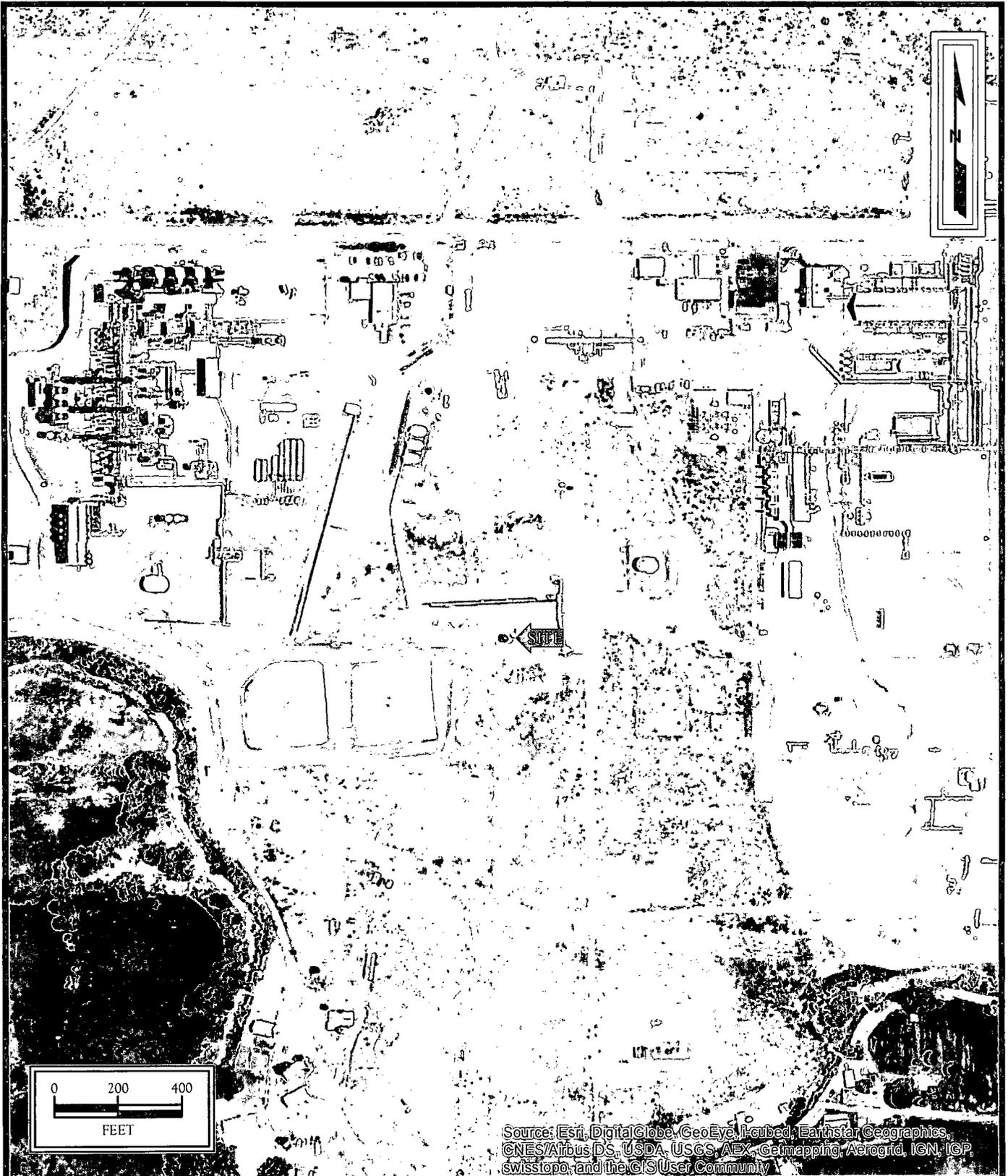
Enterprise Field Services
Blanco Vent Tank
 NW1/4 S14 T29N R11W
 County Road 4900
 San Juan County, New Mexico
 36.73019N, 107.96524W

 Project No. 7030411G018.001



Apex TITAN, Inc.
 808 South Rio Grande, Suite A
 Aztec, NM 87410
 Phone: (505) 334-5200
 www.apexcoos.com
 A Subsidiary of Apex Companies, LLC

FIGURE 1
Topographic Map
 Bloomfield, NM Quadrangle
 1985



Enterprise Field Services
Blanco Vent Tank
 NW1/4 S14 T29N R11W
 County Road 4900
 San Juan County, New Mexico
 36.73019N, 107.96524W

Project No. 7030411G018.001



Apex TITAN, Inc.

606 South Rio Grande, Suite A

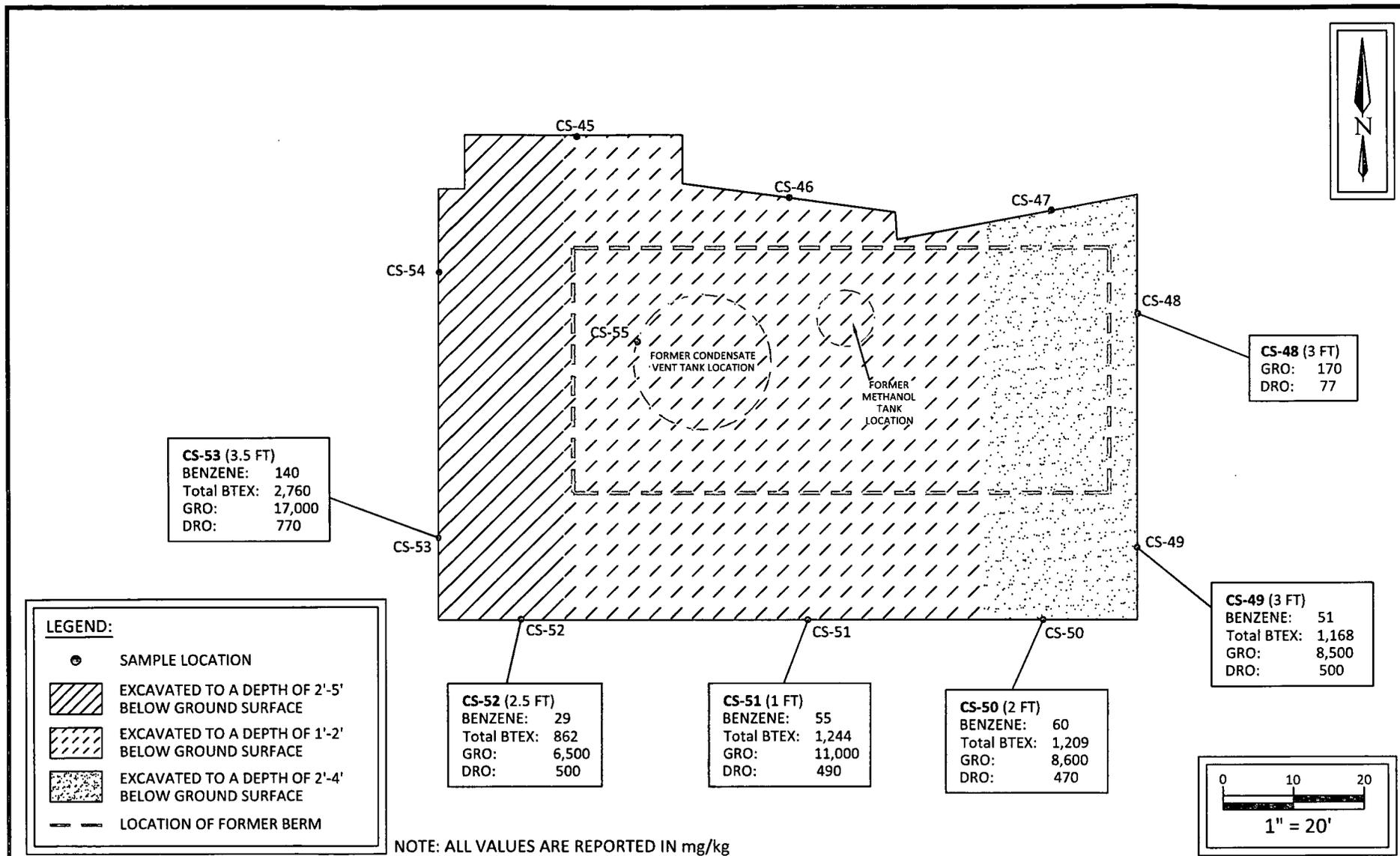
Aztec, NM 87410

Phone: (505) 334-5200

www.apexcds.com

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FIGURE 2
Site Vicinity Map

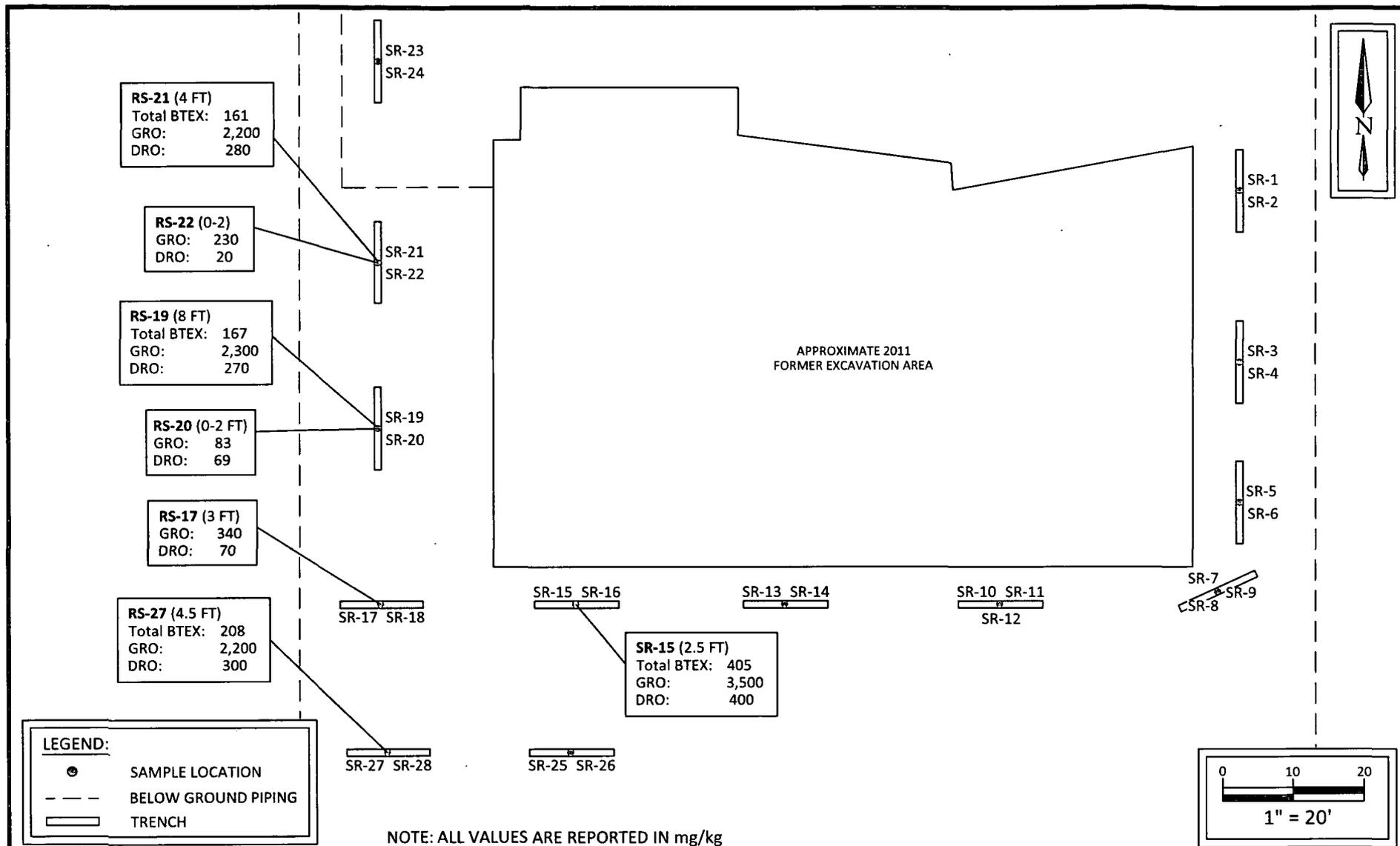


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FIGURE 3
Site Map with
2011 COC Exceedances



Enterprise Field Services
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FIGURE 4
Site Map with
2014 COC Exceedances

APPENDIX B

Table



DRAFT TABLE 1
Blanco Storage Vent Tank Release
SOIL ANALYTICAL RESULTS

Sample I.D.	Date	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)
New Mexico Energy, Minerals & Natural Resources Department, Oil Conservation Division, Remediation Action Level			10	NE	NE	NE	50	100	
Corrective Action Sample Results for Soils Remaining in Place- 2011									
CS-45	12/19/2011	2.0	<0.049	<0.049	<0.049	<0.097	<0.25	<4.9	<10
CS-46	12/19/2011	2.0	<0.048	<0.048	<0.048	<0.096	<0.24	<4.8	<10
CS-47	12/19/2011	3.0	<0.048	<0.048	<0.048	<0.096	<0.24	<4.8	<10
CS-48	12/19/2011	3.0	<0.095	3.8	1.4	19	24.2	170	77
CS-49	12/19/2011	3.0	51	450	57	610	1,168	8,500	500
CS-50	12/19/2011	2.0	62	470	57	620	1,209	8,600	470
CS-51	12/19/2011	1.0	55	480	59	650	1,244	11,000	490
CS-52	12/19/2011	2.5	29	300	43	490	862	6,500	500
CS-53	12/19/2011	3.5	140	1,100	120	1,400	2,760	17,000	770
CS-54	12/19/2011	3.0	<0.048	<0.048	<0.048	<0.096	<0.24	<4.8	<9.7
CS-55	12/19/2011	3.0	<0.047	<0.047	<0.047	<0.094	<0.24	6.5	11
SSI Sample Results - 2014									
SR-1	10/22/2014	3.5	<0.046	<0.046	<0.046	<0.093	ND	<4.6	<10
SR-2	10/22/2014	0 to 3.5	<0.047	<0.047	<0.047	<0.095	ND	<4.7	<10
SR-3	10/22/2014	3	<0.049	<0.049	<0.049	<0.098	ND	<4.9	<10
SR-4	10/22/2014	0 to 3	<0.048	<0.048	<0.048	<0.095	ND	<4.8	<10
SR-5	10/22/2014	2.25	<0.048	<0.048	<0.048	<0.096	ND	<4.8	<10
SR-6	10/22/2014	0 to 2	<0.046	<0.046	<0.046	<0.092	ND	<4.6	<9.9
SR-7	10/22/2014	1 to 4	<0.047	<0.047	<0.047	<0.093	ND	<4.7	<10
SR-8	10/22/2014	5	<0.047	<0.047	<0.047	<0.095	ND	<4.7	<9.9
SR-9	10/22/2014	6	<0.047	<0.047	<0.047	<0.095	ND	<4.7	<9.9
SR-10	10/22/2014	1 to 4	<0.046	<0.046	<0.046	<0.093	ND	<4.6	38
SR-11	10/22/2014	0 to 1	<0.049	<0.049	<0.049	<0.098	ND	<4.9	<10
SR-12	10/22/2014	5	<0.049	<0.049	<0.049	<0.099	ND	<4.9	<10



DRAFT TABLE 1
Blanco Storage Vent Tank Release
SOIL ANALYTICAL RESULTS

Sample I.D.	Date	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)
New Mexico Energy, Minerals & Natural Resources Department, Oil Conservation Division, Remediation Action Level			10	NE	NE	NE	50	100	
SR-13	10/22/2014	2	<0.047	<0.047	<0.047	<0.094	ND	<4.7	<10
SR-14	10/22/2014	0 to 2	<0.047	<0.047	<0.047	<0.094	ND	<4.7	<10
SR-15	10/22/2014	2.5	2.4	99	24	280	405	3,500	400
SR-16	10/22/2014	0 to 2	<0.047	<0.047	<0.047	<0.094	ND	<4.7	<10
SR-17	10/22/2014	3	<0.24	1.7	0.83	18	21	340	70
SR-18	10/22/2014	0 to 2	<0.047	<0.047	<0.047	<0.095	ND	<4.7	<9.8
SR-19	10/22/2014	8	1.9	37	8.2	120	167	2,300	270
SR-20	10/22/2014	0 to 2	<0.047	0.25	0.11	1.9	2.3	83	69
SR-21	10/22/2014	4	2.7	33	5.6	120	161	2,200	280
SR-22	10/22/2014	0 to 2	<0.12	0.83	0.41	11	12	230	20
SR-23	10/22/2014	3	<0.048	<0.048	<0.048	<0.095	ND	<4.8	11
SR-24	10/22/2014	0 to 2	<0.047	<0.047	<0.047	<0.094	ND	<4.7	<9.9
SR-25	10/22/2014	4	<0.047	<0.047	<0.047	<0.095	ND	<4.7	<10
SR-26	10/22/2014	0 to 2	<0.050	<0.050	<0.050	<0.099	ND	<5.0	<10
SR-27	10/22/2014	4.5	2.8	35	9.8	160	208	2,200	300
SR-28	10/22/2014	0 to 3	<0.046	0.065	<0.046	0.89	0.96	17	52

Note: Concentrations in **bold** and yellow exceed the applicable OCD Remediation Action Level

NE = Not Established

ND=Not Detected above the Laboratory Reporting Limits

APPENDIX C

Laboratory Data Sheets & Chain of Custody Documentation



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

October 30, 2014

Kyle Summers
APEX AZTEC
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (903) 821-5603
FAX (505) 334-5204

RE: Blanco Vent Tank

OrderNo.: 1410B12

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 28 sample(s) on 10/23/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-1

Project: Blanco Vent Tank

Collection Date: 10/22/2014 9:30:00 AM

Lab ID: 1410B12-001

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/24/2014 6:13:53 PM	16062
Surr: DNOP	92.6	63.5-128		%REC	1	10/24/2014 6:13:53 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/26/2014 3:34:11 AM	16069
Surr: BFB	100	80-120		%REC	1	10/26/2014 3:34:11 AM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.046		mg/Kg	1	10/26/2014 3:34:11 AM	16069
Toluene	ND	0.046		mg/Kg	1	10/26/2014 3:34:11 AM	16069
Ethylbenzene	ND	0.046		mg/Kg	1	10/26/2014 3:34:11 AM	16069
Xylenes, Total	ND	0.093		mg/Kg	1	10/26/2014 3:34:11 AM	16069
Surr: 4-Bromofluorobenzene	105	80-120		%REC	1	10/26/2014 3:34:11 AM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

CLIENT: APEX AZTEC

Client Sample ID: SR-2

Project: Blanco Vent Tank

Collection Date: 10/22/2014 9:35:00 AM

Lab ID: 1410B12-002

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/24/2014 6:35:59 PM	16062
Surr: DNOP	90.0	63.5-128		%REC	1	10/24/2014 6:35:59 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2014 1:06:35 PM	16069
Surr: BFB	88.7	80-120		%REC	1	10/26/2014 1:06:35 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/26/2014 1:06:35 PM	16069
Toluene	ND	0.047		mg/Kg	1	10/26/2014 1:06:35 PM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2014 1:06:35 PM	16069
Xylenes, Total	ND	0.095		mg/Kg	1	10/26/2014 1:06:35 PM	16069
Surr: 4-Bromofluorobenzene	88.4	80-120		%REC	1	10/26/2014 1:06:35 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

CLIENT: APEX AZTEC

Client Sample ID: SR-3

Project: Blanco Vent Tank

Collection Date: 10/22/2014 9:40:00 AM

Lab ID: 1410B12-003

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/24/2014 6:58:08 PM	16062
Surr: DNOP	102	63.5-128		%REC	1	10/24/2014 6:58:08 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2014 1:35:07 PM	16069
Surr: BFB	90.3	80-120		%REC	1	10/26/2014 1:35:07 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.049		mg/Kg	1	10/26/2014 1:35:07 PM	16069
Toluene	ND	0.049		mg/Kg	1	10/26/2014 1:35:07 PM	16069
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2014 1:35:07 PM	16069
Xylenes, Total	ND	0.098		mg/Kg	1	10/26/2014 1:35:07 PM	16069
Surr: 4-Bromofluorobenzene	90.9	80-120		%REC	1	10/26/2014 1:35:07 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-4

Project: Blanco Vent Tank

Collection Date: 10/22/2014 9:45:00 AM

Lab ID: 1410B12-004

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/24/2014 7:20:12 PM	16062
Surr: DNOP	89.8	63.5-128		%REC	1	10/24/2014 7:20:12 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2014 2:03:45 PM	16069
Surr: BFB	90.6	80-120		%REC	1	10/26/2014 2:03:45 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	10/26/2014 2:03:45 PM	16069
Toluene	ND	0.048		mg/Kg	1	10/26/2014 2:03:45 PM	16069
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2014 2:03:45 PM	16069
Xylenes, Total	ND	0.095		mg/Kg	1	10/26/2014 2:03:45 PM	16069
Surr: 4-Bromofluorobenzene	91.5	80-120		%REC	1	10/26/2014 2:03:45 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	Page 4 of 34
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

CLIENT: APEX AZTEC

Client Sample ID: SR-5

Project: Blanco Vent Tank

Collection Date: 10/22/2014 9:55:00 AM

Lab ID: 1410B12-005

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/24/2014 7:42:15 PM	16062
Surr: DNOP	90.7	63.5-128		%REC	1	10/24/2014 7:42:15 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2014 2:32:23 PM	16069
Surr: BFB	98.4	80-120		%REC	1	10/26/2014 2:32:23 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	10/26/2014 2:32:23 PM	16069
Toluene	ND	0.048		mg/Kg	1	10/26/2014 2:32:23 PM	16069
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2014 2:32:23 PM	16069
Xylenes, Total	ND	0.096		mg/Kg	1	10/26/2014 2:32:23 PM	16069
Surr: 4-Bromofluorobenzene	92.1	80-120		%REC	1	10/26/2014 2:32:23 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank	
	E Value above quantitation range	H Holding times for preparation or analysis exceeded	
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit	Page 5 of 34
	O RSD is greater than RSDlimit	P Sample pH greater than 2.	
	R RPD outside accepted recovery limits	RL Reporting Detection Limit	
	S Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-6

Project: Blanco Vent Tank

Collection Date: 10/22/2014 10:00:00 AM

Lab ID: 1410B12-006

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/24/2014 8:04:05 PM	16062
Surr: DNOP	98.6	63.5-128		%REC	1	10/24/2014 8:04:05 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/26/2014 3:01:00 PM	16069
Surr: BFB	91.5	80-120		%REC	1	10/26/2014 3:01:00 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.046		mg/Kg	1	10/26/2014 3:01:00 PM	16069
Toluene	ND	0.046		mg/Kg	1	10/26/2014 3:01:00 PM	16069
Ethylbenzene	ND	0.046		mg/Kg	1	10/26/2014 3:01:00 PM	16069
Xylenes, Total	ND	0.092		mg/Kg	1	10/26/2014 3:01:00 PM	16069
Surr: 4-Bromofluorobenzene	91.3	80-120		%REC	1	10/26/2014 3:01:00 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-7

Project: Blanco Vent Tank

Collection Date: 10/22/2014 10:05:00 AM

Lab ID: 1410B12-007

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/24/2014 8:26:03 PM	16062
Surr: DNOP	106	63.5-128		%REC	1	10/24/2014 8:26:03 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2014 3:29:40 PM	16069
Surr: BFB	89.7	80-120		%REC	1	10/26/2014 3:29:40 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/26/2014 3:29:40 PM	16069
Toluene	ND	0.047		mg/Kg	1	10/26/2014 3:29:40 PM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2014 3:29:40 PM	16069
Xylenes, Total	ND	0.093		mg/Kg	1	10/26/2014 3:29:40 PM	16069
Surr: 4-Bromofluorobenzene	89.9	80-120		%REC	1	10/26/2014 3:29:40 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

CLIENT: APEX AZTEC

Client Sample ID: SR-8

Project: Blanco Vent Tank

Collection Date: 10/22/2014 10:15:00 AM

Lab ID: 1410B12-008

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/24/2014 8:47:48 PM	16062
Surr: DNOP	91.6	63.5-128		%REC	1	10/24/2014 8:47:48 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2014 3:58:16 PM	16069
Surr: BFB	90.0	80-120		%REC	1	10/26/2014 3:58:16 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/26/2014 3:58:16 PM	16069
Toluene	ND	0.047		mg/Kg	1	10/26/2014 3:58:16 PM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2014 3:58:16 PM	16069
Xylenes, Total	ND	0.095		mg/Kg	1	10/26/2014 3:58:16 PM	16069
Surr: 4-Bromofluorobenzene	91.7	80-120		%REC	1	10/26/2014 3:58:16 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

CLIENT: APEX AZTEC

Client Sample ID: SR-9

Project: Blanco Vent Tank

Collection Date: 10/22/2014 10:20:00 AM

Lab ID: 1410B12-009

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/24/2014 9:09:37 PM	16062
Surr: DNOP	87.1	63.5-128		%REC	1	10/24/2014 9:09:37 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2014 4:26:47 PM	16069
Surr: BFB	89.1	80-120		%REC	1	10/26/2014 4:26:47 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/26/2014 4:26:47 PM	16069
Toluene	ND	0.047		mg/Kg	1	10/26/2014 4:26:47 PM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2014 4:26:47 PM	16069
Xylenes, Total	ND	0.095		mg/Kg	1	10/26/2014 4:26:47 PM	16069
Surr: 4-Bromofluorobenzene	89.6	80-120		%REC	1	10/26/2014 4:26:47 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<p>Qualifiers:</p> <ul style="list-style-type: none"> * Value exceeds Maximum Contaminant Level. E Value above quantitation range J Analyte detected below quantitation limits O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits 	<ul style="list-style-type: none"> B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit P Sample pH greater than 2. RL Reporting Detection Limit
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Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-10

Project: Blanco Vent Tank

Collection Date: 10/22/2014 10:25:00 AM

Lab ID: 1410B12-010

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	38	10		mg/Kg	1	10/24/2014 9:31:16 PM	16062
Surr: DNOP	88.4	63.5-128		%REC	1	10/24/2014 9:31:16 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/26/2014 4:55:18 PM	16069
Surr: BFB	90.0	80-120		%REC	1	10/26/2014 4:55:18 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.046		mg/Kg	1	10/26/2014 4:55:18 PM	16069
Toluene	ND	0.046		mg/Kg	1	10/26/2014 4:55:18 PM	16069
Ethylbenzene	ND	0.046		mg/Kg	1	10/26/2014 4:55:18 PM	16069
Xylenes, Total	ND	0.093		mg/Kg	1	10/26/2014 4:55:18 PM	16069
Surr: 4-Bromofluorobenzene	90.9	80-120		%REC	1	10/26/2014 4:55:18 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

CLIENT: APEX AZTEC

Client Sample ID: SR-12

Project: Blanco Vent Tank

Collection Date: 10/22/2014 10:40:00 AM

Lab ID: 1410B12-012

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/25/2014 3:59:15 AM	16063
Surr: DNOP	97.9	63.5-128		%REC	1	10/25/2014 3:59:15 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2014 9:12:57 PM	16069
Surr: BFB	89.0	80-120		%REC	1	10/26/2014 9:12:57 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.049		mg/Kg	1	10/26/2014 9:12:57 PM	16069
Toluene	ND	0.049		mg/Kg	1	10/26/2014 9:12:57 PM	16069
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2014 9:12:57 PM	16069
Xylenes, Total	ND	0.099		mg/Kg	1	10/26/2014 9:12:57 PM	16069
Surr: 4-Bromofluorobenzene	89.5	80-120		%REC	1	10/26/2014 9:12:57 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank	Page 12 of 34
	E Value above quantitation range	H Holding times for preparation or analysis exceeded	
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit	
	O RSD is greater than RSDlimit	P Sample pH greater than 2.	
	R RPD outside accepted recovery limits	RL Reporting Detection Limit	
	S Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

CLIENT: APEX AZTEC

Client Sample ID: SR-13

Project: Blanco Vent Tank

Collection Date: 10/22/2014 10:45:00 AM

Lab ID: 1410B12-013

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/25/2014 4:20:42 AM	16063
Surr: DNOP	95.6	63.5-128		%REC	1	10/25/2014 4:20:42 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2014 9:41:29 PM	16069
Surr: BFB	90.0	80-120		%REC	1	10/26/2014 9:41:29 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/26/2014 9:41:29 PM	16069
Toluene	ND	0.047		mg/Kg	1	10/26/2014 9:41:29 PM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2014 9:41:29 PM	16069
Xylenes, Total	ND	0.094		mg/Kg	1	10/26/2014 9:41:29 PM	16069
Surr: 4-Bromofluorobenzene	91.2	80-120		%REC	1	10/26/2014 9:41:29 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<p>Qualifiers:</p> <ul style="list-style-type: none"> * Value exceeds Maximum Contaminant Level. E Value above quantitation range J Analyte detected below quantitation limits O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits 	<ul style="list-style-type: none"> B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit P Sample pH greater than 2. RL Reporting Detection Limit
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Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

CLIENT: APEX AZTEC

Client Sample ID: SR-14

Project: Blanco Vent Tank

Collection Date: 10/22/2014 10:50:00 AM

Lab ID: 1410B12-014

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/25/2014 4:42:03 AM	16063
Surr: DNOP	98.2	63.5-128		%REC	1	10/25/2014 4:42:03 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2014 10:09:59 PM	16069
Surr: BFB	89.8	80-120		%REC	1	10/26/2014 10:09:59 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/26/2014 10:09:59 PM	16069
Toluene	ND	0.047		mg/Kg	1	10/26/2014 10:09:59 PM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2014 10:09:59 PM	16069
Xylenes, Total	ND	0.094		mg/Kg	1	10/26/2014 10:09:59 PM	16069
Surr: 4-Bromofluorobenzene	90.9	80-120		%REC	1	10/26/2014 10:09:59 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-15

Project: Blanco Vent Tank

Collection Date: 10/22/2014 10:55:00 AM

Lab ID: 1410B12-015

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	400	10		mg/Kg	1	10/25/2014 5:03:45 AM	16063
Surr: DNOP	98.7	63.5-128		%REC	1	10/25/2014 5:03:45 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	3500	240		mg/Kg	50	10/26/2014 10:38:35 PM	16069
Surr: BFB	209	80-120	S	%REC	50	10/26/2014 10:38:35 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	2.4	2.4		mg/Kg	50	10/26/2014 10:38:35 PM	16069
Toluene	99	2.4		mg/Kg	50	10/26/2014 10:38:35 PM	16069
Ethylbenzene	24	2.4		mg/Kg	50	10/26/2014 10:38:35 PM	16069
Xylenes, Total	280	4.7		mg/Kg	50	10/26/2014 10:38:35 PM	16069
Surr: 4-Bromofluorobenzene	109	80-120		%REC	50	10/26/2014 10:38:35 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

CLIENT: APEX AZTEC

Client Sample ID: SR-16

Project: Blanco Vent Tank

Collection Date: 10/22/2014 11:00:00 AM

Lab ID: 1410B12-016

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/25/2014 5:25:09 AM	16063
Surr: DNOP	106	63.5-128		%REC	1	10/25/2014 5:25:09 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2014 11:07:12 PM	16069
Surr: BFB	90.9	80-120		%REC	1	10/26/2014 11:07:12 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/26/2014 11:07:12 PM	16069
Toluene	ND	0.047		mg/Kg	1	10/26/2014 11:07:12 PM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2014 11:07:12 PM	16069
Xylenes, Total	ND	0.094		mg/Kg	1	10/26/2014 11:07:12 PM	16069
Surr: 4-Bromofluorobenzene	92.0	80-120		%REC	1	10/26/2014 11:07:12 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank	Page 16 of 34
	E Value above quantitation range	H Holding times for preparation or analysis exceeded	
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit	
	O RSD is greater than RSDlimit	P Sample pH greater than 2.	
	R RPD outside accepted recovery limits	RL Reporting Detection Limit	
	S Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

CLIENT: APEX AZTEC

Client Sample ID: SR-17

Project: Blanco Vent Tank

Collection Date: 10/22/2014 11:05:00 AM

Lab ID: 1410B12-017

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	70	9.8		mg/Kg	1	10/25/2014 5:46:33 AM	16063
Surr: DNOP	101	63.5-128		%REC	1	10/25/2014 5:46:33 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	340	49		mg/Kg	10	10/26/2014 11:35:46 PM	16069
Surr: BFB	175	80-120	S	%REC	10	10/26/2014 11:35:46 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.24		mg/Kg	10	10/26/2014 11:35:46 PM	16069
Toluene	1.7	0.49		mg/Kg	10	10/26/2014 11:35:46 PM	16069
Ethylbenzene	0.83	0.49		mg/Kg	10	10/26/2014 11:35:46 PM	16069
Xylenes, Total	18	0.97		mg/Kg	10	10/26/2014 11:35:46 PM	16069
Surr: 4-Bromofluorobenzene	102	80-120		%REC	10	10/26/2014 11:35:46 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank	
	E Value above quantitation range	H Holding times for preparation or analysis exceeded	
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit	Page 17 of 34
	O RSD is greater than RSDlimit	P Sample pH greater than 2.	
	R RPD outside accepted recovery limits	RL Reporting Detection Limit	
	S Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-18

Project: Blanco Vent Tank

Collection Date: 10/22/2014 11:15:00 AM

Lab ID: 1410B12-018

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/25/2014 6:07:50 AM	16063
Surr: DNOP	99.7	63.5-128		%REC	1	10/25/2014 6:07:50 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/27/2014 12:04:25 AM	16069
Surr: BFB	90.5	80-120		%REC	1	10/27/2014 12:04:25 AM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/27/2014 12:04:25 AM	16069
Toluene	ND	0.047		mg/Kg	1	10/27/2014 12:04:25 AM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/27/2014 12:04:25 AM	16069
Xylenes, Total	ND	0.095		mg/Kg	1	10/27/2014 12:04:25 AM	16069
Surr: 4-Bromofluorobenzene	90.1	80-120		%REC	1	10/27/2014 12:04:25 AM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank	Page 18 of 34
	E Value above quantitation range	H Holding times for preparation or analysis exceeded	
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit	
	O RSD is greater than RSDlimit	P Sample pH greater than 2.	
	R RPD outside accepted recovery limits	RL Reporting Detection Limit	
	S Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-19

Project: Blanco Vent Tank

Collection Date: 10/22/2014 11:20:00 AM

Lab ID: 1410B12-019

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	270	10		mg/Kg	1	10/25/2014 6:29:16 AM	16063
Surr: DNOP	105	63.5-128		%REC	1	10/25/2014 6:29:16 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	2300	240		mg/Kg	50	10/27/2014 12:32:58 AM	16069
Surr: BFB	183	80-120	S	%REC	50	10/27/2014 12:32:58 AM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	1.9	1.2		mg/Kg	50	10/27/2014 12:32:58 AM	16069
Toluene	37	2.4		mg/Kg	50	10/27/2014 12:32:58 AM	16069
Ethylbenzene	8.2	2.4		mg/Kg	50	10/27/2014 12:32:58 AM	16069
Xylenes, Total	120	4.7		mg/Kg	50	10/27/2014 12:32:58 AM	16069
Surr: 4-Bromofluorobenzene	104	80-120		%REC	50	10/27/2014 12:32:58 AM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers: * Value exceeds Maximum Contaminant Level. E Value above quantitation range J Analyte detected below quantitation limits O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits	B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit P Sample pH greater than 2. RL Reporting Detection Limit	Page 19 of 34
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Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

CLIENT: APEX AZTEC

Client Sample ID: SR-20

Project: Blanco Vent Tank

Collection Date: 10/22/2014 11:25:00 AM

Lab ID: 1410B12-020

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	69	10		mg/Kg	1	10/25/2014 6:50:37 AM	16063
Surr: DNOP	104	63.5-128		%REC	1	10/25/2014 6:50:37 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	83	4.7		mg/Kg	1	10/27/2014 1:01:34 AM	16069
Surr: BFB	503	80-120	S	%REC	1	10/27/2014 1:01:34 AM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/27/2014 1:01:34 AM	16069
Toluene	0.25	0.047		mg/Kg	1	10/27/2014 1:01:34 AM	16069
Ethylbenzene	0.11	0.047		mg/Kg	1	10/27/2014 1:01:34 AM	16069
Xylenes, Total	1.9	0.095		mg/Kg	1	10/27/2014 1:01:34 AM	16069
Surr: 4-Bromofluorobenzene	113	80-120		%REC	1	10/27/2014 1:01:34 AM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-21

Project: Blanco Vent Tank

Collection Date: 10/22/2014 11:35:00 AM

Lab ID: 1410B12-021

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	280	9.9		mg/Kg	1	10/25/2014 7:11:56 AM	16063
Surr: DNOP	104	63.5-128		%REC	1	10/25/2014 7:11:56 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	2200	240		mg/Kg	50	10/27/2014 1:30:02 AM	16070
Surr: BFB	153	80-120	S	%REC	50	10/27/2014 1:30:02 AM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	2.7	2.4		mg/Kg	50	10/27/2014 1:30:02 AM	16070
Toluene	33	2.4		mg/Kg	50	10/27/2014 1:30:02 AM	16070
Ethylbenzene	5.6	2.4		mg/Kg	50	10/27/2014 1:30:02 AM	16070
Xylenes, Total	120	4.9		mg/Kg	50	10/27/2014 1:30:02 AM	16070
Surr: 4-Bromofluorobenzene	105	80-120		%REC	50	10/27/2014 1:30:02 AM	16070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-22

Project: Blanco Vent Tank

Collection Date: 10/22/2014 11:40:00 AM

Lab ID: 1410B12-022

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	20	10		mg/Kg	1	10/25/2014 7:33:09 AM	16063
Surr: DNOP	98.7	63.5-128		%REC	1	10/25/2014 7:33:09 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	230	24		mg/Kg	5	10/27/2014 10:37:14 AM	16070
Surr: BFB	193	80-120	S	%REC	5	10/27/2014 10:37:14 AM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.12		mg/Kg	5	10/27/2014 10:37:14 AM	16070
Toluene	0.83	0.24		mg/Kg	5	10/27/2014 10:37:14 AM	16070
Ethylbenzene	0.41	0.24		mg/Kg	5	10/27/2014 10:37:14 AM	16070
Xylenes, Total	11	0.49		mg/Kg	5	10/27/2014 10:37:14 AM	16070
Surr: 4-Bromofluorobenzene	104	80-120		%REC	5	10/27/2014 10:37:14 AM	16070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-23

Project: Blanco Vent Tank

Collection Date: 10/22/2014 11:50:00 AM

Lab ID: 1410B12-023

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	11	10		mg/Kg	1	10/25/2014 7:54:31 AM	16063
Surr: DNOP	97.6	63.5-128		%REC	1	10/25/2014 7:54:31 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/27/2014 11:05:50 AM	16070
Surr: BFB	107	80-120		%REC	1	10/27/2014 11:05:50 AM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	10/27/2014 11:05:50 AM	16070
Toluene	ND	0.048		mg/Kg	1	10/27/2014 11:05:50 AM	16070
Ethylbenzene	ND	0.048		mg/Kg	1	10/27/2014 11:05:50 AM	16070
Xylenes, Total	ND	0.095		mg/Kg	1	10/27/2014 11:05:50 AM	16070
Surr: 4-Bromofluorobenzene	93.2	80-120		%REC	1	10/27/2014 11:05:50 AM	16070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-24

Project: Blanco Vent Tank

Collection Date: 10/22/2014 11:55:00 AM

Lab ID: 1410B12-024

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/25/2014 8:15:46 AM	16063
Surr: DNOP	116	63.5-128		%REC	1	10/25/2014 8:15:46 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/27/2014 11:34:28 AM	16070
Surr: BFB	90.0	80-120		%REC	1	10/27/2014 11:34:28 AM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/27/2014 11:34:28 AM	16070
Toluene	ND	0.047		mg/Kg	1	10/27/2014 11:34:28 AM	16070
Ethylbenzene	ND	0.047		mg/Kg	1	10/27/2014 11:34:28 AM	16070
Xylenes, Total	ND	0.094		mg/Kg	1	10/27/2014 11:34:28 AM	16070
Surr: 4-Bromofluorobenzene	92.3	80-120		%REC	1	10/27/2014 11:34:28 AM	16070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
 Lab Order 1410B12
 Date Reported: 10/30/2014

CLIENT: APEX AZTEC

Client Sample ID: SR-25

Project: Blanco Vent Tank

Collection Date: 10/22/2014 12:05:00 PM

Lab ID: 1410B12-025

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/25/2014 8:37:06 AM	16063
Surr: DNOP	113	63.5-128		%REC	1	10/25/2014 8:37:06 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/27/2014 12:03:11 PM	16070
Surr: BFB	89.3	80-120		%REC	1	10/27/2014 12:03:11 PM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/27/2014 12:03:11 PM	16070
Toluene	ND	0.047		mg/Kg	1	10/27/2014 12:03:11 PM	16070
Ethylbenzene	ND	0.047		mg/Kg	1	10/27/2014 12:03:11 PM	16070
Xylenes, Total	ND	0.095		mg/Kg	1	10/27/2014 12:03:11 PM	16070
Surr: 4-Bromofluorobenzene	90.1	80-120		%REC	1	10/27/2014 12:03:11 PM	16070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank	
	E Value above quantitation range	H Holding times for preparation or analysis exceeded	
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit	Page 25 of 34
	O RSD is greater than RSDlimit	P Sample pH greater than 2.	
	R RPD outside accepted recovery limits	RL Reporting Detection Limit	
	S Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-26

Project: Blanco Vent Tank

Collection Date: 10/22/2014 12:15:00 PM

Lab ID: 1410B12-026

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/25/2014 8:58:21 AM	16063
Surr: DNOP	113	63.5-128		%REC	1	10/25/2014 8:58:21 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/27/2014 12:31:48 PM	16070
Surr: BFB	89.1	80-120		%REC	1	10/27/2014 12:31:48 PM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	10/27/2014 12:31:48 PM	16070
Toluene	ND	0.050		mg/Kg	1	10/27/2014 12:31:48 PM	16070
Ethylbenzene	ND	0.050		mg/Kg	1	10/27/2014 12:31:48 PM	16070
Xylenes, Total	ND	0.099		mg/Kg	1	10/27/2014 12:31:48 PM	16070
Surr: 4-Bromofluorobenzene	89.8	80-120		%REC	1	10/27/2014 12:31:48 PM	16070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-27

Project: Blanco Vent Tank

Collection Date: 10/22/2014 12:20:00 PM

Lab ID: 1410B12-027

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	300	9.9		mg/Kg	1	10/25/2014 9:19:45 AM	16063
Surr: DNOP	118	63.5-128		%REC	1	10/25/2014 9:19:45 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	2200	240		mg/Kg	50	10/27/2014 1:00:23 PM	16070
Surr: BFB	155	80-120	S	%REC	50	10/27/2014 1:00:23 PM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	2.8	2.4		mg/Kg	50	10/27/2014 1:00:23 PM	16070
Toluene	35	2.4		mg/Kg	50	10/27/2014 1:00:23 PM	16070
Ethylbenzene	9.8	2.4		mg/Kg	50	10/27/2014 1:00:23 PM	16070
Xylenes, Total	160	4.7		mg/Kg	50	10/27/2014 1:00:23 PM	16070
Surr: 4-Bromofluorobenzene	104	80-120		%REC	50	10/27/2014 1:00:23 PM	16070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

CLIENT: APEX AZTEC

Client Sample ID: SR-28

Project: Blanco Vent Tank

Collection Date: 10/22/2014 12:25:00 PM

Lab ID: 1410B12-028

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	52	10		mg/Kg	1	10/25/2014 9:41:01 AM	16063
Surr: DNOP	113	63.5-128		%REC	1	10/25/2014 9:41:01 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	17	4.6		mg/Kg	1	10/27/2014 1:29:05 PM	16070
Surr: BFB	110	80-120		%REC	1	10/27/2014 1:29:05 PM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.046		mg/Kg	1	10/27/2014 1:29:05 PM	16070
Toluene	0.065	0.046		mg/Kg	1	10/27/2014 1:29:05 PM	16070
Ethylbenzene	ND	0.046		mg/Kg	1	10/27/2014 1:29:05 PM	16070
Xylenes, Total	0.89	0.091		mg/Kg	1	10/27/2014 1:29:05 PM	16070
Surr: 4-Bromofluorobenzene	94.8	80-120		%REC	1	10/27/2014 1:29:05 PM	16070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank	Page 28 of 34
	E Value above quantitation range	H Holding times for preparation or analysis exceeded	
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit	
	O RSD is greater than RSDlimit	P Sample pH greater than 2.	
	R RPD outside accepted recovery limits	RL Reporting Detection Limit	
	S Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410B12

30-Oct-14

Client: APEX AZTEC
Project: Blanco Vent Tank

Sample ID MB-16062	SampType: MBLK		TestCode: EPA Method 8015D: Diesel Range Organics							
Client ID: PBS	Batch ID: 16062		RunNo: 22124							
Prep Date: 10/23/2014	Analysis Date: 10/24/2014		SeqNo: 652213		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	8.6		10.00		86.3	63.5	128			

Sample ID LCS-16062	SampType: LCS		TestCode: EPA Method 8015D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 16062		RunNo: 22124							
Prep Date: 10/23/2014	Analysis Date: 10/24/2014		SeqNo: 652214		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	10	50.00	0	113	68.6	130			
Surr: DNOP	4.5		5.000		89.6	63.5	128			

Sample ID MB-16063	SampType: MBLK		TestCode: EPA Method 8015D: Diesel Range Organics							
Client ID: PBS	Batch ID: 16063		RunNo: 22124							
Prep Date: 10/23/2014	Analysis Date: 10/25/2014		SeqNo: 652355		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	8.8		10.00		88.3	63.5	128			

Sample ID LCS-16063	SampType: LCS		TestCode: EPA Method 8015D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 16063		RunNo: 22124							
Prep Date: 10/23/2014	Analysis Date: 10/25/2014		SeqNo: 652356		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	10	50.00	0	107	68.6	130			
Surr: DNOP	4.3		5.000		85.4	63.5	128			

Sample ID 1410B12-011AMSD	SampType: MSD		TestCode: EPA Method 8015D: Diesel Range Organics							
Client ID: SR-11	Batch ID: 16063		RunNo: 22124							
Prep Date: 10/23/2014	Analysis Date: 10/25/2014		SeqNo: 652358		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	10	50.30	0	120	40.1	152	13.9	32.1	
Surr: DNOP	5.8		5.030		115	63.5	128	0	0	

Sample ID MB-16093	SampType: MBLK		TestCode: EPA Method 8015D: Diesel Range Organics							
Client ID: PBS	Batch ID: 16093		RunNo: 22152							
Prep Date: 10/27/2014	Analysis Date: 10/27/2014		SeqNo: 652710		Units: %REC					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410B12

30-Oct-14

Client: APEX AZTEC
Project: Blanco Vent Tank

Sample ID	MB-16093	SampType	MBLK	TestCode	EPA Method 8015D: Diesel Range Organics					
Client ID	PBS	Batch ID	16093	RunNo	22152					
Prep Date	10/27/2014	Analysis Date	10/27/2014	SeqNo	652710	Units	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.6		10.00		85.7	63.5	128			

Sample ID	LCS-16093	SampType	LCS	TestCode	EPA Method 8015D: Diesel Range Organics					
Client ID	LCSS	Batch ID	16093	RunNo	22152					
Prep Date	10/27/2014	Analysis Date	10/27/2014	SeqNo	652711	Units	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.0		5.000		100	63.5	128			

Sample ID	1410B12-011AMS	SampType	MS	TestCode	EPA Method 8015D: Diesel Range Organics					
Client ID	SR-11	Batch ID	16063	RunNo	22152					
Prep Date	10/23/2014	Analysis Date	10/27/2014	SeqNo	652712	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.35	0	104	40.1	152			
Surr: DNOP	6.2		5.035		123	63.5	128			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410B12

30-Oct-14

Client: APEX AZTEC
Project: Blanco Vent Tank

Sample ID	MB-16069	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	16069	RunNo:	22140					
Prep Date:	10/23/2014	Analysis Date:	10/25/2014	SeqNo:	651578	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		96.5	80	120			

Sample ID	LCS-16069	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	16069	RunNo:	22140					
Prep Date:	10/23/2014	Analysis Date:	10/25/2014	SeqNo:	651579	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	110	65.8	139			
Surr: BFB	1000		1000		105	80	120			

Sample ID	1410B12-002AMS	SampType:	MS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	SR-2	Batch ID:	16069	RunNo:	22140					
Prep Date:	10/23/2014	Analysis Date:	10/26/2014	SeqNo:	651581	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.7	23.70	0	119	71.8	132			
Surr: BFB	980		947.9		104	80	120			

Sample ID	1410B12-002AMSD	SampType:	MSD	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	SR-2	Batch ID:	16069	RunNo:	22140					
Prep Date:	10/23/2014	Analysis Date:	10/26/2014	SeqNo:	651582	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.7	23.72	0	118	71.8	132	0.715	20	
Surr: BFB	1000		948.8		106	80	120	0	0	

Sample ID	MB-16070	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	16070	RunNo:	22145					
Prep Date:	10/23/2014	Analysis Date:	10/26/2014	SeqNo:	651985	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		89.1	80	120			

Sample ID	LCS-16070	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	16070	RunNo:	22145					
Prep Date:	10/23/2014	Analysis Date:	10/26/2014	SeqNo:	651986	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		89.1	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

30

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410B12

30-Oct-14

Client: APEX AZTEC
Project: Blanco Vent Tank

Sample ID	LCS-16070	SampType	LCS	TestCode	EPA Method 8015D: Gasoline Range					
Client ID	LCSS	Batch ID	16070	RunNo	22145					
Prep Date	10/23/2014	Analysis Date	10/26/2014	SeqNo	651986	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	113	65.8	139			
Surr: BFB	970		1000		96.6	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410B12

30-Oct-14

Client: APEX AZTEC
Project: Blanco Vent Tank

Sample ID	MB-16069	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	16069	RunNo:	22140					
Prep Date:	10/23/2014	Analysis Date:	10/25/2014	SeqNo:	651605	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Sample ID	LCS-16069	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	16069	RunNo:	22140					
Prep Date:	10/23/2014	Analysis Date:	10/25/2014	SeqNo:	651606	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.050	1.000	0	92.2	80	120			
Toluene	0.94	0.050	1.000	0	93.7	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.5	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		105	80	120			

Sample ID	1410B12-001AMS	SampType:	MS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	SR-1	Batch ID:	16069	RunNo:	22140					
Prep Date:	10/23/2014	Analysis Date:	10/25/2014	SeqNo:	651608	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.046	0.9242	0	92.8	77.4	142			
Toluene	0.87	0.046	0.9242	0	93.9	77	132			
Ethylbenzene	0.92	0.046	0.9242	0	100	77.6	134			
Xylenes, Total	2.7	0.092	2.773	0	99.1	77.4	132			
Surr: 4-Bromofluorobenzene	0.95		0.9242		103	80	120			

Sample ID	1410B12-001AMSD	SampType:	MSD	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	SR-1	Batch ID:	16069	RunNo:	22140					
Prep Date:	10/23/2014	Analysis Date:	10/25/2014	SeqNo:	651609	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.046	0.9251	0	97.1	77.4	142	4.58	20	
Toluene	0.91	0.046	0.9251	0	98.2	77	132	4.62	20	
Ethylbenzene	0.96	0.046	0.9251	0	103	77.6	134	3.31	20	
Xylenes, Total	2.8	0.093	2.775	0	102	77.4	132	3.12	20	
Surr: 4-Bromofluorobenzene	0.98		0.9251		106	80	120	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410B12

30-Oct-14

Client: APEX AZTEC
Project: Blanco Vent Tank

Sample ID	MB-16070	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	16070	RunNo:	22145					
Prep Date:	10/23/2014	Analysis Date:	10/26/2014	SeqNo:	652011	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.1	80	120			

Sample ID	LCS-16070	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	16070	RunNo:	22145					
Prep Date:	10/23/2014	Analysis Date:	10/26/2014	SeqNo:	652012	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.050	1.000	0	96.4	80	120			
Toluene	0.97	0.050	1.000	0	97.2	80	120			
Ethylbenzene	0.99	0.050	1.000	0	99.2	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.6	80	120			
Surr: 4-Bromofluorobenzene	0.97		1.000		96.9	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Sample Log-In Check List

Client Name: APEX AZTEC

Work Order Number: 1410B12

RcptNo: 1

Received by/date:	AT	10/23/14	
Logged By:	Anne Thorne	10/23/2014 7:30:00 AM	<i>Anne Thorne</i>
Completed By:	Anne Thorne	10/23/2014	<i>Anne Thorne</i>
Reviewed By:	CS	10/23/14	

Chain of Custody

- 1. Custody seals intact on sample bottles? Yes No Not Present
- 2. Is Chain of Custody complete? Yes No Not Present
- 3. How was the sample delivered? Courier

Log In

- 4. Was an attempt made to cool the samples? Yes No NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
- 6. Sample(s) in proper container(s)? Yes No
- 7. Sufficient sample volume for indicated test(s)? Yes No
- 8. Are samples (except VOA and ONG) properly preserved? Yes No
- 9. Was preservative added to bottles? Yes No NA
- 10. VOA vials have zero headspace? Yes No No VOA Vials
- 11. Were any sample containers received broken? Yes No
- 12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes No
- 13. Are matrices correctly identified on Chain of Custody? Yes No
- 14. Is it clear what analyses were requested? Yes No
- 15. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes No

of preserved bottles checked for pH: _____ (<2 or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

- 16. Was client notified of all discrepancies with this order? Yes No NA

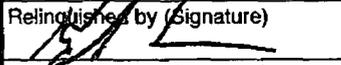
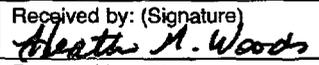
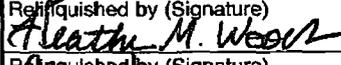
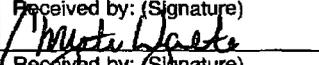
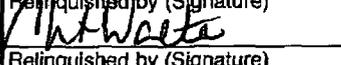
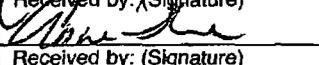
Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No.	Seal Date	Signed By
1	2.0	Good	Yes			

CHAIN OF CUSTODY RECORD

 APEX Office Location <u>Aztec, NM</u>		Laboratory: <u>Hall Environmental</u> Address: <u>Albuquerque, NM</u>		ANALYSIS REQUESTED <div style="border: 1px solid black; padding: 5px; transform: rotate(-45deg); display: inline-block;"> B021 BTEX B015 TPH (Geo/Dro) </div>										Lab use only Due Date: <u>20</u>										
		Contact: <u>Andy Freeman</u> Phone: _____												Temp. of coolers when received (C°): 1 2 3 4 5 _____ _____ _____ _____ _____										
Project Manager <u>Kyle Summers</u>		PO/SO #: <u>Direct bill to Enterprise</u>												Page <u>1</u> of <u>3</u>										
Sampler's Name <u>Kyle Summers</u>		Sampler's Signature _____																						
Proj. No. <u>7030411G07B</u>		Project Name <u>Blanco Vent Tank</u>				No/Type of Containers <u>4-02</u>																		
Matrix	Date	Time	C	G	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	AG 1L	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)											
S	10/22/14	0930			SR-1						1		X	X	1410 B12 -001									
S	10/22/14	0935			SR-2						1		X	X	-002									
S	10/22/14	0940			SR-3						1		X	X	-003									
S	10/22/14	0945			SR-4						1		X	X	-004									
S	10/22/14	0955			SR-5						1		X	X	-005									
S	10/22/14	1000			SR-6						1		X	X	-006									
S	10/22/14	1005			SR-7						1		X	X	-007									
S	10/22/14	1015			SR-8						1		X	X	-008									
S	10/22/14	1020			SR-9						1		X	X	-009									
S	10/22/14	1025			SR-10						1		X	X	-010									
Turn around time <input checked="" type="checkbox"/> Normal <input type="checkbox"/> 25% Rush <input type="checkbox"/> 50% Rush <input type="checkbox"/> 100% Rush																								
Relinquished by (Signature) 			Date: <u>10/22/14</u> Time: <u>1642</u>			Received by: (Signature) 			Date: <u>10/22/14</u> Time: <u>1642</u>			NOTES: Direct Bill to Enterprise Field Services Attn: Tom Long												
Relinquished by (Signature) 			Date: <u>10/22/14</u> Time: <u>1825</u>			Received by: (Signature) 			Date: <u>10/22/14</u> Time: <u>1825</u>															
Relinquished by (Signature) 			Date: <u>10/22/14</u> Time: <u>1925</u>			Received by: (Signature) 			Date: <u>10/23/14</u> Time: <u>0730</u>															
Relinquished by (Signature) _____			Date: _____ Time: _____			Received by: (Signature) _____			Date: _____ Time: _____															

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

CHAIN OF CUSTODY RECORD



APEX
Office Location Aztec, NM

Laboratory: Hall Environmental
Address: Albuquerque, NM
Contact: Andy Freeman
Phone: _____
Project Manager Kyle Summers
PO/SO #: Direct Bill to Enterprise

ANALYSIS REQUESTED

8001 BTEX
8015 TPH (GRO/DEO)

Lab use only
Due Date: 2.0
Temp. of coolers when received (C°):
1 2 3 4 5
Page 2 of 3

Sampler's Name
Kyle Summers

Sampler's Signature

Proj. No.
70304116018

Project Name
Bianco Vent Tank

No/Type of Containers
4-02

Matrix	Date	Time	COED	GRA	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1LL	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)	
S	10/22/14	1030			SR-11						1		X X	At 10/23/14 1410B12-011
S	10/22/14	1040			SR-12						1		X X	-013-001
S	10/22/14	1045			SR-13						1		X X	-014-002
S	10/22/14	1050			SR-14						1		X Y	-015-003
S	10/22/14	1055			SR-15						1		X X	-016-004
S	10/22/14	1100			SR-16						1		X X	-017-005
S	10/22/14	1105			SR-17						1		X X	-018-006
S	10/22/14	1115			SR-18						1		X X	-019-007
S	10/22/14	1120			SR-19						1		X X	-020-008
S	10/22/14	1125			SR-20						1		X X	-021-009

Turn around time Normal 25% Rush 50% Rush 100% Rush

30

Relinquished by (Signature) <u>[Signature]</u>	Date: <u>10/22/14</u>	Time: <u>1042</u>	Received by: (Signature) <u>Heather M. Woods</u>	Date: <u>10/22/14</u>	Time: <u>1642</u>	NOTES: Direct Bill to Enterprise Field Services. Attn: Tom Long
Relinquished by (Signature) <u>Heather M. Woods</u>	Date: <u>10/22/14</u>	Time: <u>1825</u>	Received by: (Signature) <u>Maureen [Signature]</u>	Date: <u>10/22/14</u>	Time: <u>1825</u>	
Relinquished by (Signature) <u>Maureen [Signature]</u>	Date: <u>10/22/14</u>	Time: <u>1925</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>10/23/14</u>	Time: <u>0730</u>	
Relinquished by (Signature) <u>[Signature]</u>	Date:	Time:	Received by: (Signature)	Date:	Time:	

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

CHAIN OF CUSTODY RECORD



APEX
Office Location Aztec, NM

Project Manager Kyle Summers

Laboratory: Hall Environmental
Address: Albuquerque, NM

Contact: Andy Freeman
Phone: _____

PO/SO #: Direct Bill to Enterprise

ANALYSIS REQUESTED

5021 BTEX
5015 TPH (GRO/DRO)

Lab use only
Due Date: 2-6-14

Temp. of coolers when received (C°):

1	2	3	4	5
---	---	---	---	---

Page 3 of 3

Sampler's Name: Kyle Summers Sampler's Signature: _____

Proj. No. 70304116018 Project Name Blanco Vent Tank No/Type of Containers 4-02

Matrix	Date	Time	COED	GARG	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1L	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)
S	10/22/14	1135			SR-21						1		X X 141UB12-022
S	10/22/14	1140			SR-22						1		X X -022 -023
S	10/22/14	1150			SR-23						1		X X -023 -024
S	10/22/14	1155			SR-24						1		X X -024 -025
S	10/22/14	1205			SR-25						1		X X -025 -026
S	10/22/14	1215			SR-26						1		X X -026 -027
S	10/22/14	1220			SR-27						1		X X -027 -028
S	10/22/14	1225			SR-28						1		X X -028 -029
NFS													

Turn around time Normal 25% Rush 50% Rush 100% Rush

Relinquished by (Signature): <u>[Signature]</u>	Date: <u>10/22/14</u> Time: <u>1642</u>	Received by (Signature): <u>Heath M. Woods</u>	Date: <u>10/22/14</u> Time: <u>1642</u>
Relinquished by (Signature): <u>Heath M. Woods</u>	Date: <u>10/22/14</u> Time: <u>1825</u>	Received by (Signature): <u>[Signature]</u>	Date: <u>10/22/14</u> Time: <u>1825</u>
Relinquished by (Signature): <u>[Signature]</u>	Date: <u>10/22/14</u> Time: <u>1925</u>	Received by (Signature): <u>[Signature]</u>	Date: <u>10/23/14</u> Time: <u>0730</u>
Relinquished by (Signature): _____	Date: _____ Time: _____	Received by (Signature): _____	Date: _____ Time: _____

NOTES: Direct bill to Enterprise Field Services
Attn: Tom Long

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

36.863670 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

JAN 02 2015 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 Updated

Name of Company: Enterprise Field Services LLC	Contact: Thomas Long
Address: 614 Reilly Ave, Farmington, NM 87401	Telephone No. 505-599-2286
Facility Name: Blanco Vent Tank Release RP#3R-438-0	Facility Type: Natural Gas Compressing Facility

Surface Owner: Private	Mineral Owner: BLM	API No.
------------------------	--------------------	---------

LOCATION OF RELEASE

Unit Letter C	Section 14	Township 29N	Range 11W	Feet from the 984	North South Line	Feet from the 1398	East West Line	County San Juan
------------------	---------------	-----------------	--------------	-------------------------	---------------------	--------------------------	-------------------	--------------------

Latitude 36.73019 Longitude -107.96524

NATURE OF RELEASE

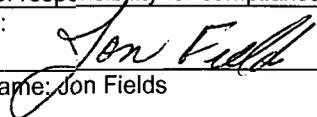
Type of Release: Condensate	Volume of Release ~5 BBLs	Volume Recovered: None
Source of Release: Tank Over Flow	Date and Hour of Occurrence: December 7, 2011 @12:30 p.m.	Date and Hour of Discovery: December 7, 2011 @12:30 p.m.
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action: On December 7, 2011, five (5) barrels of condensate was release into the unlined containment. Standing liquids was removed and initial remediation of the release was implemented where approximately 1, 077 cubic yards of hydrocarbon impacted soil was excavated and transported to an approved NMOCD landfarm facility. These activities are documented in the *Corrective Action Report - Blanco Storage Vent Tank Release, dated January 6, 2012 (Southwest Geoscience)*. Due to operational and safety considerations, including third party pipeline right of ways (ROWs), lateral advancement of the December 2011 excavation was terminated prior to the removal of all petroleum hydrocarbon impacted soils. The excavation was backfilled with clean fill to surrounding grade, and a new, lined containment area was built to house the methanol and vent tanks. In 2014, the vent tank was permanently removed from service. In October 2014, Enterprise implemented a Supplemental Site Investigation to further assess subsurface impacts. Thirteen (13) trenches were advanced around the former excavation perimeter, measuring up to ten (10) feet in length and averaging 1.5 feet wide. The depths of the trenches ranged from two (2) to eight (8) feet in depth.

Describe Area Affected and Cleanup Action: In October 2014, Enterprise implemented a Supplemental Site Investigation to further assess subsurface impacts. Thirteen (13) trenches were advanced around the former excavation perimeter, measuring up to ten (10) feet in length and averaging 1.5 feet wide. The depths of the trenches ranged from two (2) to eight (8) feet in depth. Base on the attached Supplemental Site Investigation report, additional corrective action is required. Enterprise anticipates the scheduling of the supplemental corrective actions in early 2015 based on available contractors.

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

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Jon Fields	Approved by Environmental Specialist:	
Title: Director, Environmental	Approval Date:	Expiration Date:
E-mail Address: jefields@eprod.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12-29-2014	Phone: (713)381-6684	

* Attach Additional Sheets If Necessary



OIL CONS. DIV DIST. 3

JAN 02 2015

SUPPLEMENTAL SITE INVESTIGATION REPORT (2014)

RP # 3R-438-0

Property:

Blanco Storage Vent Tank
NW ¼ Section 14, T29N R11W
Bloomfield, San Juan County, New Mexico

December 11, 2014
Apex Project No. 7030411G018

Prepared for:

Enterprise Field Services, LLC
614 Reilly Avenue
Farmington, NM 87401
Attn: Mr. Thomas Long

Prepared by:



Kyle Summers, C.P.G.
Branch Manager / Senior Geologist



Elizabeth Scaggs, P.G.
Senior Program Manager

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	Site Description and Background.....	1
1.2	Project Objective.....	1
1.3	Site Ranking.....	2
1.4	Standard of Care, Limitations & Reliance.....	2
2.0	SITE INVESTIGATION	3
2.1	Investigative Trenching.....	3
2.2	Soil Sampling Program.....	3
3.0	LABORATORY ANALYTICAL METHODS	4
4.0	DATA EVALUATION	4
5.0	FINDINGS AND RECOMMENDATIONS	5

LIST OF APPENDICES

Appendix A: Figures

Appendix B: Table

Appendix C: Laboratory Data Sheets &
Chain of Custody Documentation

SUPPLEMENTAL SITE INVESTIGATION REPORT (2014)

RP # 3R-438-0

**Blanco Storage Vent Tank
NW ¼ Section 14, T29N R11W
Bloomfield, San Juan County, New**

Apex Project No. 7030411G018

1.0 INTRODUCTION

1.1 Site Description and Background

The Blanco Storage Vent Tank Release Site is located within the Enterprise Field Services, LLC (Enterprise) Blanco Storage facility in the Northwest (NW) ¼ of Section 14, Township 29 North and Range 11 West in Bloomfield, San Juan County, New Mexico, referred to hereinafter as the "Site" or "subject Site". The Site is located on private land within the Enterprise Blanco Storage facility. The immediate surroundings are predominantly characterized by petroleum gathering and processing facilities.

On December 7th, 2011, evidence of a release was identified at the Site. An unknown quantity of natural gas condensate (condensate) and water was released into the unlined secondary containment as a result of an overflow from the vent tank. Soil discoloration indicates that the released fluids primarily pooled in the southern half of the containment, with the deepest pooling occurring in the southwest corner of the containment. Soil removal activities were initiated on December 14th, 2011 and resulted in the removal of approximately 1,077 cubic yards of affected soil, which was subsequently transported to the Envirotech, Inc. land farm facility near Hilltop, New Mexico for treatment/disposal. These activities are documented in the *Corrective Action Report – Blanco Storage Vent Tank Release*, dated January 6, 2012 (Southwest Geoscience).

Due to operational and safety considerations, including third party pipeline right of ways (ROWS), lateral advancement of the December 2011 excavation was terminated prior to the removal of all petroleum hydrocarbon impacted soils. The excavation was backfilled with clean fill to surrounding grade, and a new, lined containment area was built to house the methanol and vent tanks. During 2014, the vent tank was permanently taken out of service and removed from the Site.

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 Supplemental Site Investigation (SSI) was to further define the remaining hydrocarbon impact at the Site, which in turn, will help determine the best course of corrective action to reduce the concentration of constituents 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.



1.3 Site Ranking

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 New Mexico Administrative Code (NMAC) 19.15.29 *Remediation Plan*. These guidance documents establish investigation and abatement action requirements for sites subject to reporting and/or corrective action. Apex TITAN, Inc. (Apex) utilized the general site characteristics to determine the appropriate "ranking" for the Site. Ranking criteria and associated scoring are provided in the following table:

Ranking Criteria			Ranking Score
Depth to Groundwater	<50 feet	20	20
	50 to 99 feet	10	
	>100 feet	0	
Wellhead Protection Area • <1,000 feet from a water source, or; <200 feet from private domestic water source.	Yes	20	0
	No	0	
Distance to Surface Water Body	<200 feet	20	10
	200 to 1,000 feet	10	
	>1,000 feet	0	
Total Ranking Score			30

Based on Apex's evaluation of the scoring criteria, the Site would have a maximum Total Ranking Score of 30. This ranking is based on the following:

- Numerous wells are documented within a 1.5 mile radius of the site. The closest well, based on information obtained from the New Mexico State Engineer's Office is >1,000 feet to the southeast of the Site at a lower elevation on the valley floor. Groundwater was not encountered during the excavation activities, and the actual depth to groundwater is unknown. Based on data from other environmental studies in the vicinity, groundwater may be present at a depth of < 50 feet below grade surface (bgs) at the Site.
- No water sources were identified in the immediate area.
- Bloomfield Canyon Arroyo, though generally dry, is located approximately 2,450 feet west of the Site. A seasonal irrigation ditch is located approximately 850 feet west of the Site.

Based on a Total Ranking Score of 30, cleanup goals for soil located at the Site include: 10 milligrams per kilogram (mg/Kg) for benzene, 50 mg/Kg for total benzene, toluene, ethylbenzene, and xylenes (BTEX), and 100 mg/Kg for total petroleum hydrocarbon (TPH) gasoline range organics (GRO)/diesel range organics (DRO).

1.4 Standard of Care, Limitations & 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 Field Services, LLC, 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.

2.0 SITE INVESTIGATION

Enterprise implemented a SSI during October 2014 to further assess the incomplete corrective action excavation performed during December 2011. A backhoe was utilized to perform investigative trenching operations outside of the boundaries of the 2011 excavation.

2.1 Investigative Trenching

Thirteen (13) trenches were advanced around the former excavation perimeter, measuring up to ten (10) feet in length and averaging 1.5 feet wide. The depths of the trenches varied from two (2) to eight (8) feet in depth, depending on the depth at which sandstone was encountered.

The lithology encountered during the completion of SSI activities consisted primarily of sands and silty sands, underlain by a shaley sandstone present at depths ranging from two (2) foot to eight (8) feet bgs. Groundwater was not encountered during the excavation activities.

2.2 Soil Sampling Program

Apex's soil sampling program included the collection of 28 investigation samples from the side walls and bottom of the investigative trenches for laboratory analysis. Depending on the final depth of the trench, either two (2) or three (3) samples were collected from each location. The soil sample intervals were selected to obtain the maximum coverage of the trench's vertical profile.

Figure 3 and Figure 4 depict the approximate dimensions of the December 2011 excavation and 2014 SSI trenches, respectively, as well as the analytical sample locations for soils remaining in place. (Appendix A).

The soil samples selected for laboratory analysis were collected and placed in laboratory prepared glassware, labeled/sealed using the laboratory supplied label, and placed on ice in a cooler, which was secured with a custody seal. The sample cooler and completed chain-of-

custody form were relinquished to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico.

3.0 LABORATORY ANALYTICAL METHODS

The soil samples selected for laboratory analysis were analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX) using EPA SW-846 Method #8021, and total petroleum hydrocarbons (TPH) gasoline range organics (GRO) and diesel range organics (GRO) using EPA SW-846 Method #8015.

Laboratory results for the investigative soil samples are summarized in Table 1, included in Appendix B. The executed chain-of-custody form and laboratory data sheets are provided in Appendix C.

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 19.15.29 *Remediation Plan*. These guidance documents establish investigation and abatement action requirements for sites subject to reporting and/or corrective action.

Apex compared the TPH GRO/DRO and BTEX concentrations or laboratory reporting limits (RLs) associated with the soil samples to the OCD *Remediation Action Levels* for a Site ranking of 30.

Total Petroleum Hydrocarbons

Investigative soil samples SR-1 through SR-14, SR-16, SR-18, SR-23 through SR-26, and SR-28 exhibited combined TPH GRO/DRO concentrations ranging from below the laboratory RL to 69 mg/Kg, which are below the OCD's *Remediation Action Level* of 100 mg/Kg.

Investigative soil samples SR-15, SR-17, SR-19 through SR-22, and SR-27 exhibited combined TRP GRO/DRO concentrations ranging from 152 mg/Kg to 3,900 mg/Kg, which exceed the OCD's *Remediation Action Level* of 100 mg/Kg.

Benzene

Investigative soil samples SR-1 through SR-28 exhibited benzene concentration levels ranging from below laboratory RLs to 2.8 mg/Kg, which are below the OCD's *Remediation Action Level* of 10 mg/Kg.

Total BTEX

Investigative soil samples SR-1 through SR-14, SR-16, SR-17, SR-18, SR-20, SR-22 through SR-26, and SR-28 exhibited total BTEX concentrations ranging from below the laboratory RLs to 21 mg/Kg, which are below the OCD's *Remediation Action Level* of 50 mg/Kg.

Investigative soil samples SR-15, SR-19, SR-21, and SR-27 exhibited total BTEX concentrations ranging from 161 mg/Kg to 405 mg/Kg, which exceed the OCD's *Remediation Action Level* of 50 mg/Kg.

The results of soil sample analyses are summarized in Table 1 of Appendix B. Figures 3 and 4 (Appendix A) provide sample locations, and identify the samples that exceeded the OCD Remediation Action Level for the 2011 excavation and the 2014 SSI, respectively.

5.0 FINDINGS AND RECOMMENDATIONS

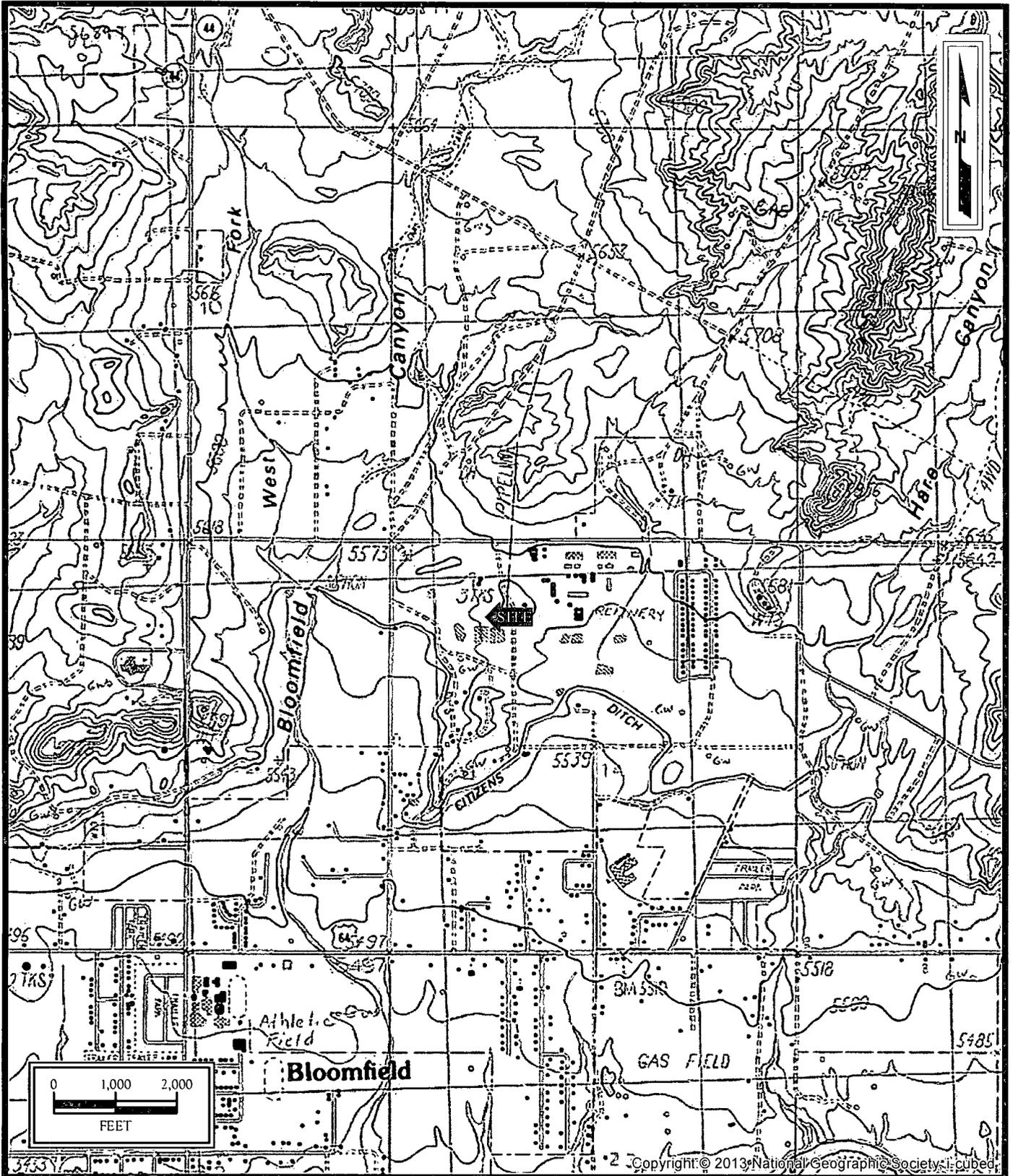
The Blanco Storage Vent Tank Release Site is located within the Enterprise Blanco Storage facility in the NW $\frac{1}{4}$ of Section 14, Township 29 North and Range 11 West in Bloomfield, San Juan County, New Mexico. The Site is located on private land within the Enterprise Blanco Storage facility. The immediate surroundings are predominantly characterized by petroleum gathering and processing facilities.

On December 7th, 2011, evidence of a release was identified at the Site. An unknown quantity of natural gas condensate (condensate) and water was released into the unlined secondary containment as a result of an overflow from the vent tank. Soil discoloration indicates that the released fluids primarily pooled in the southern half of the containment, with the deepest pooling occurring in the southwest corner of the containment. Soil removal activities were initiated on December 14th, 2011 and resulted in the removal of approximately 1,077 cubic yards of affected soil, which was subsequently transported to the Envirotech, Inc. land farm facility near Hilltop, New Mexico for treatment/disposal.

Due to operational and safety considerations, including third party pipeline right of ways (ROWS), lateral advancement of the December 2011 excavation was terminated prior to the removal of all petroleum hydrocarbon impacted soils. The excavation was backfilled with clean fill to surrounding grade, and a new, lined containment area was built to house the methanol and vent tanks. During 2014, the vent tank was permanently taken out of service and removed from the Site.

- The primary objective of the SSI was to further define the remaining hydrocarbon impact at the Site, which in turn, will help determine the best course of corrective action to reduce the concentration of COCs in the on-Site soils to below the New Mexico EMNRD OCD Remediation Action Levels.
- The lithology encountered during the completion of SSI activities consisted primarily of sands and silty sands, underlain by a shaley sandstone present at depths ranging from two (2) foot to eight (8) feet bgs. Groundwater was not encountered during the excavation activities.
- Analytical data obtained from the SSI indicates affected soils previously identified at the eastern, southeastern, and southern sidewalls of the former excavation are limited in extent.
- Analytical data obtained from the SSI indicates hydrocarbon impact is present west and southwest of the former excavation, exhibiting BTEX and TPH concentrations that exceed the OCD Remediation Action Levels. The extent of this impact is not fully defined.

Based on data obtained from the SSI, additional corrective action is necessary at the former release Site. The presence of affected soils to the west (cross-gradient) may indicate a second historic release source.

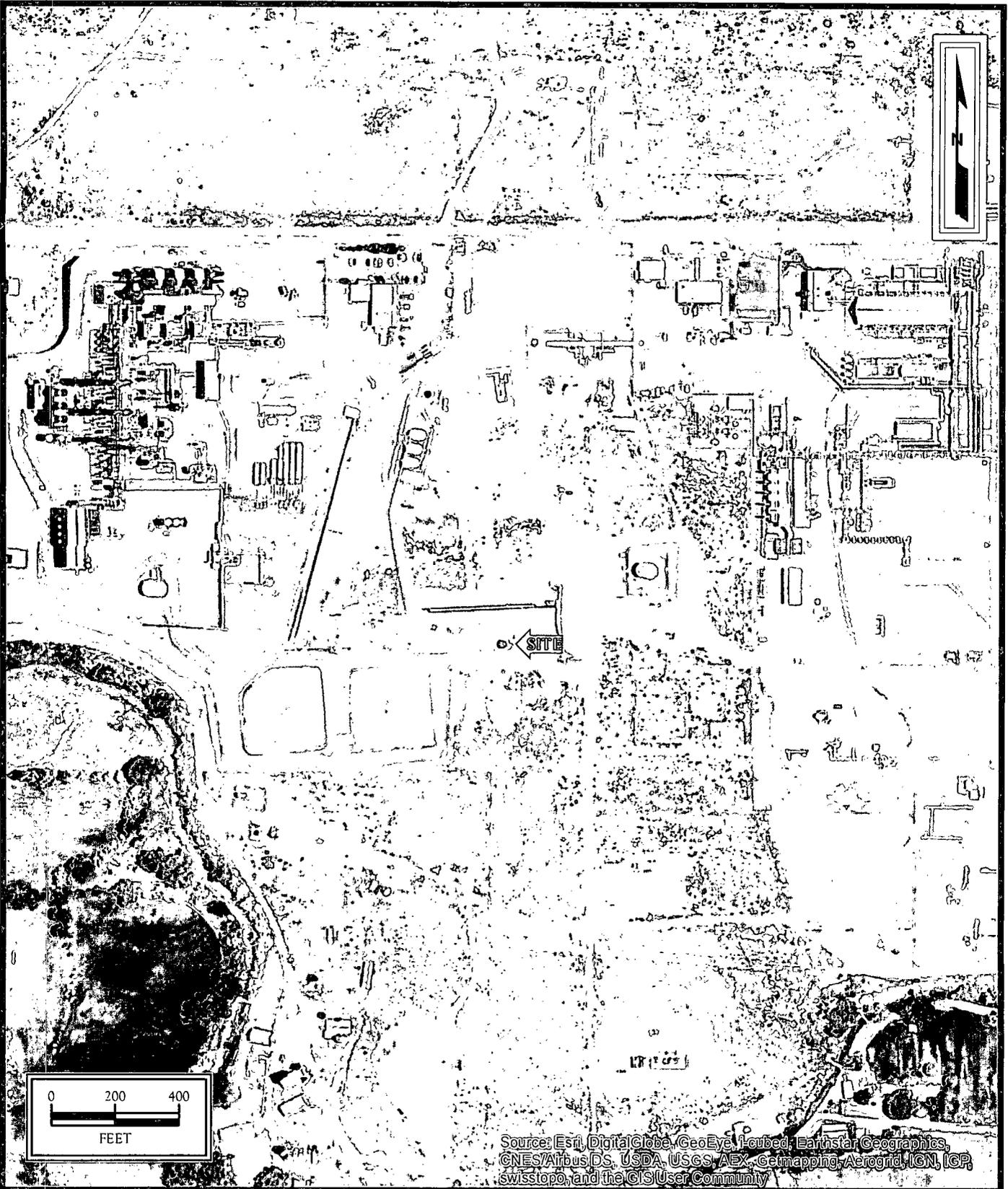


Enterprise Field Services
 Blanco Vent Tank
 NW1/4 S14 T29N R11W
 County Road 4900
 San Juan County, New Mexico
 36.73019N, 107.96524W
 Project No. 7030411G018.001



Apex TITAN, Inc.
 806 South Rio Grande, Suite A
 Aztec, NM 87410
 Phone: (505) 334-5200
 www.apexcos.com
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FIGURE 1
Topographic Map
 Bloomfield, NM Quadrangle
 1985



Enterprise Field Services
Blanco Vent Tank
 NW1/4 S14 T29N R11W
 County Road 4900
 San Juan County, New Mexico
 36.73019N, 107.96524W

Project No. 7030411G018.001



Apex TITAN, Inc.

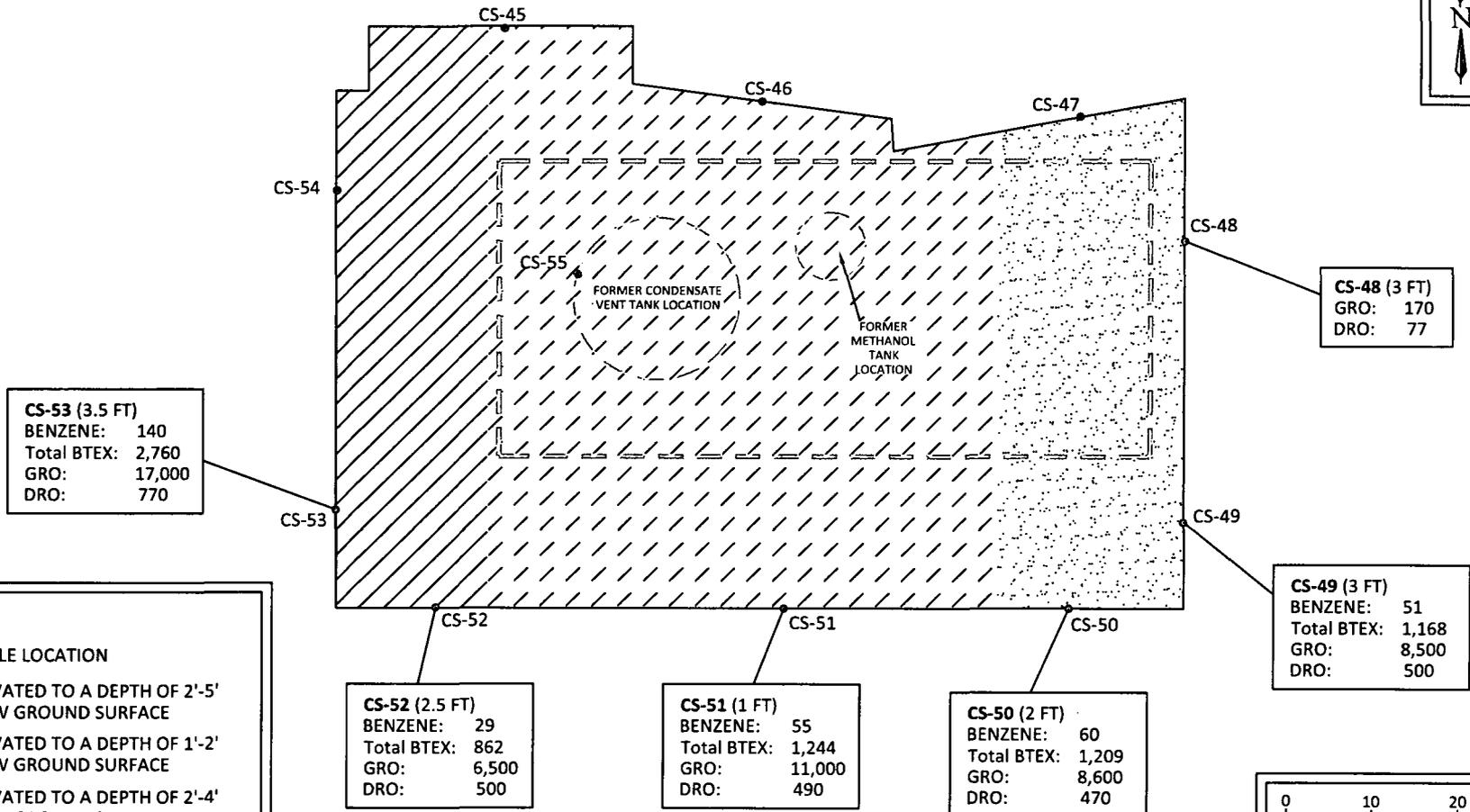
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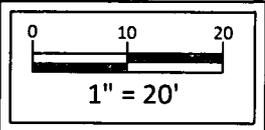
FIGURE 2
Site Vicinity Map



LEGEND:

- SAMPLE LOCATION
- EXCAVATED TO A DEPTH OF 2'-5' BELOW GROUND SURFACE
- EXCAVATED TO A DEPTH OF 1'-2' BELOW GROUND SURFACE
- EXCAVATED TO A DEPTH OF 2'-4' BELOW GROUND SURFACE
- - - LOCATION OF FORMER BERM

NOTE: ALL VALUES ARE REPORTED IN mg/kg

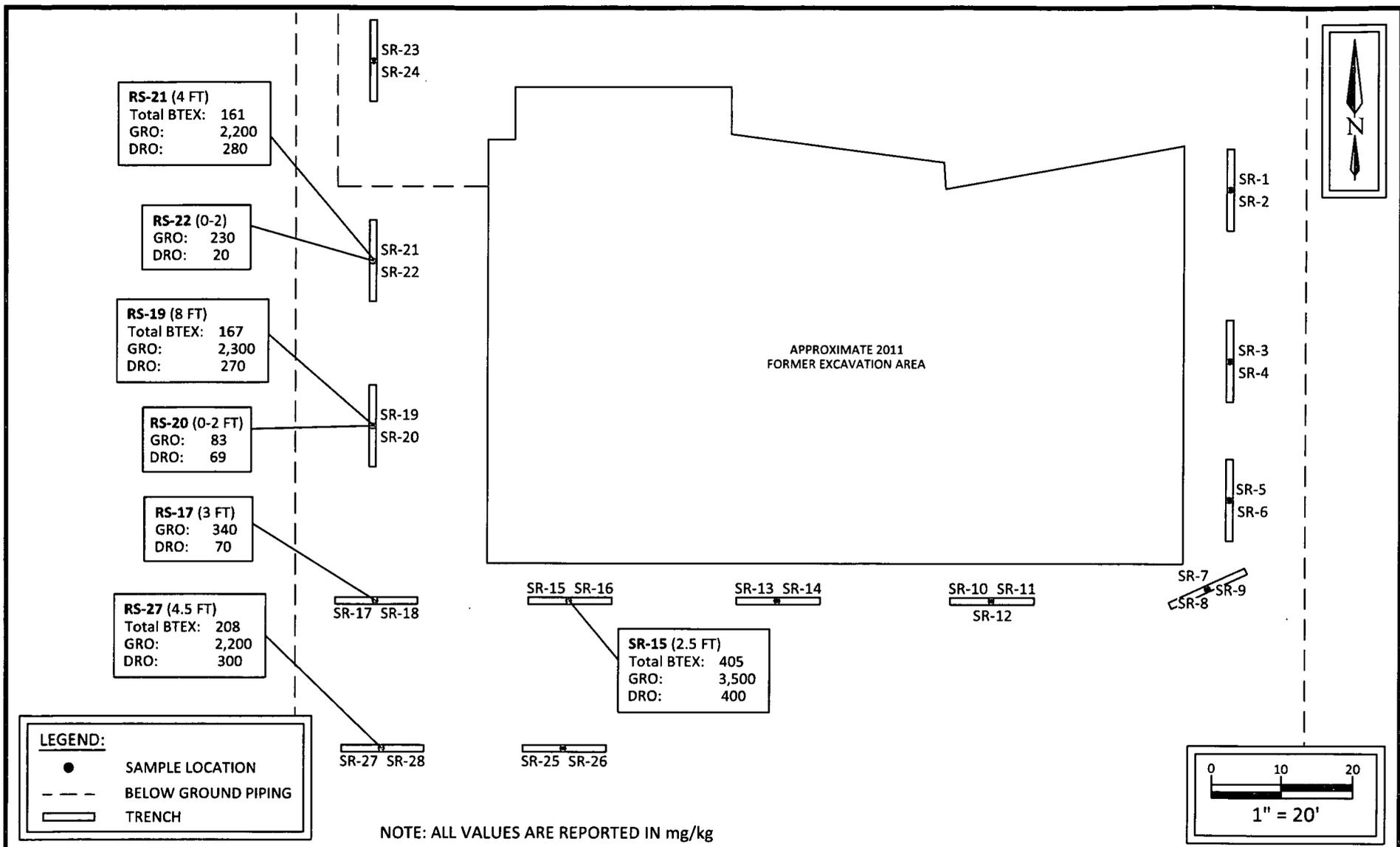


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FIGURE 3
Site Map with
2011 COC Exceedances



Enterprise Field Services
Blanco Vent Tank
 NW1/4 S14 T29N R11W
 County Road 4900
 San Juan County, New Mexico
 36.73019N, 107.96524W
 Project No. 7030411G018.001



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FIGURE 4
Site Map with
2014 COC Exceedances



DRAFT TABLE 1
Blanco Storage Vent Tank Release
SOIL ANALYTICAL RESULTS

Sample I.D.	Date	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)
New Mexico Energy, Minerals & Natural Resources Department, Oil Conservation Division, Remediation Action Level			10	NE	NE	NE	50	100	
Corrective Action Sample Results for Soils Remaining in Place- 2011									
CS-45	12/19/2011	2.0	<0.049	<0.049	<0.049	<0.097	<0.25	<4.9	<10
CS-46	12/19/2011	2.0	<0.048	<0.048	<0.048	<0.096	<0.24	<4.8	<10
CS-47	12/19/2011	3.0	<0.048	<0.048	<0.048	<0.096	<0.24	<4.8	<10
CS-48	12/19/2011	3.0	<0.095	3.8	1.4	19	24.2	170	77
CS-49	12/19/2011	3.0	51	450	57	610	1,168	8,500	500
CS-50	12/19/2011	2.0	62	470	57	620	1,209	8,600	470
CS-51	12/19/2011	1.0	55	480	59	650	1,244	11,000	490
CS-52	12/19/2011	2.5	29	300	43	490	862	6,500	500
CS-53	12/19/2011	3.5	140	1,100	120	1,400	2,760	17,000	770
CS-54	12/19/2011	3.0	<0.048	<0.048	<0.048	<0.096	<0.24	<4.8	<9.7
CS-55	12/19/2011	3.0	<0.047	<0.047	<0.047	<0.094	<0.24	6.5	11
SSI Sample Results - 2014									
SR-1	10/22/2014	3.5	<0.046	<0.046	<0.046	<0.093	ND	<4.6	<10
SR-2	10/22/2014	0 to 3.5	<0.047	<0.047	<0.047	<0.095	ND	<4.7	<10
SR-3	10/22/2014	3	<0.049	<0.049	<0.049	<0.098	ND	<4.9	<10
SR-4	10/22/2014	0 to 3	<0.048	<0.048	<0.048	<0.095	ND	<4.8	<10
SR-5	10/22/2014	2.25	<0.048	<0.048	<0.048	<0.096	ND	<4.8	<10
SR-6	10/22/2014	0 to 2	<0.046	<0.046	<0.046	<0.092	ND	<4.6	<9.9
SR-7	10/22/2014	1 to 4	<0.047	<0.047	<0.047	<0.093	ND	<4.7	<10
SR-8	10/22/2014	5	<0.047	<0.047	<0.047	<0.095	ND	<4.7	<9.9
SR-9	10/22/2014	6	<0.047	<0.047	<0.047	<0.095	ND	<4.7	<9.9
SR-10	10/22/2014	1 to 4	<0.046	<0.046	<0.046	<0.093	ND	<4.6	38
SR-11	10/22/2014	0 to 1	<0.049	<0.049	<0.049	<0.098	ND	<4.9	<10
SR-12	10/22/2014	5	<0.049	<0.049	<0.049	<0.099	ND	<4.9	<10



DRAFT TABLE 1
Blanco Storage Vent Tank Release
SOIL ANALYTICAL RESULTS

Sample I.D.	Date	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)
New Mexico Energy, Minerals & Natural Resources Department, Oil Conservation Division, Remediation Action Level			10	NE	NE	NE	50	100	
SR-13	10/22/2014	2	<0.047	<0.047	<0.047	<0.094	ND	<4.7	<10
SR-14	10/22/2014	0 to 2	<0.047	<0.047	<0.047	<0.094	ND	<4.7	<10
SR-15	10/22/2014	2.5	2.4	99	24	280	405	3,500	400
SR-16	10/22/2014	0 to 2	<0.047	<0.047	<0.047	<0.094	ND	<4.7	<10
SR-17	10/22/2014	3	<0.24	1.7	0.83	18	21	340	70
SR-18	10/22/2014	0 to 2	<0.047	<0.047	<0.047	<0.095	ND	<4.7	<9.8
SR-19	10/22/2014	8	1.9	37	8.2	120	167	2,300	270
SR-20	10/22/2014	0 to 2	<0.047	0.25	0.11	1.9	2.3	83	69
SR-21	10/22/2014	4	2.7	33	5.6	120	161	2,200	280
SR-22	10/22/2014	0 to 2	<0.12	0.83	0.41	11	12	230	20
SR-23	10/22/2014	3	<0.048	<0.048	<0.048	<0.095	ND	<4.8	11
SR-24	10/22/2014	0 to 2	<0.047	<0.047	<0.047	<0.094	ND	<4.7	<9.9
SR-25	10/22/2014	4	<0.047	<0.047	<0.047	<0.095	ND	<4.7	<10
SR-26	10/22/2014	0 to 2	<0.050	<0.050	<0.050	<0.099	ND	<5.0	<10
SR-27	10/22/2014	4.5	2.8	35	9.8	160	208	2,200	300
SR-28	10/22/2014	0 to 3	<0.046	0.065	<0.046	0.89	0.96	17	52

Note: Concentrations in bold and yellow exceed the applicable OCD Remediation Action Level

NE = Not Established

ND=Not Detected above the Laboratory Reporting Limits



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

October 30, 2014

Kyle Summers
APEX AZTEC
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (903) 821-5603
FAX (505) 334-5204

RE: Blanco Vent Tank

OrderNo.: 1410B12

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 28 sample(s) on 10/23/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', with a stylized flourish at the end.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-1

Project: Blanco Vent Tank

Collection Date: 10/22/2014 9:30:00 AM

Lab ID: 1410B12-001

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/24/2014 6:13:53 PM	16062
Surr: DNOP	92.6	63.5-128		%REC	1	10/24/2014 6:13:53 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/26/2014 3:34:11 AM	16069
Surr: BFB	100	80-120		%REC	1	10/26/2014 3:34:11 AM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.046		mg/Kg	1	10/26/2014 3:34:11 AM	16069
Toluene	ND	0.046		mg/Kg	1	10/26/2014 3:34:11 AM	16069
Ethylbenzene	ND	0.046		mg/Kg	1	10/26/2014 3:34:11 AM	16069
Xylenes, Total	ND	0.093		mg/Kg	1	10/26/2014 3:34:11 AM	16069
Surr: 4-Bromofluorobenzene	105	80-120		%REC	1	10/26/2014 3:34:11 AM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank	
	E Value above quantitation range	H Holding times for preparation or analysis exceeded	
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit	Page 1 of 34
	O RSD is greater than RSDlimit	P Sample pH greater than 2.	
	R RPD outside accepted recovery limits	RL Reporting Detection Limit	
	S Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-2

Project: Blanco Vent Tank

Collection Date: 10/22/2014 9:35:00 AM

Lab ID: 1410B12-002

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/24/2014 6:35:59 PM	16062
Surr: DNOP	90.0	63.5-128		%REC	1	10/24/2014 6:35:59 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2014 1:06:35 PM	16069
Surr: BFB	88.7	80-120		%REC	1	10/26/2014 1:06:35 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/26/2014 1:06:35 PM	16069
Toluene	ND	0.047		mg/Kg	1	10/26/2014 1:06:35 PM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2014 1:06:35 PM	16069
Xylenes, Total	ND	0.095		mg/Kg	1	10/26/2014 1:06:35 PM	16069
Surr: 4-Bromofluorobenzene	88.4	80-120		%REC	1	10/26/2014 1:06:35 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** APEX AZTEC**Client Sample ID:** SR-3**Project:** Blanco Vent Tank**Collection Date:** 10/22/2014 9:40:00 AM**Lab ID:** 1410B12-003**Matrix:** SOIL**Received Date:** 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/24/2014 6:58:08 PM	16062
Surr: DNOP	102	63.5-128		%REC	1	10/24/2014 6:58:08 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2014 1:35:07 PM	16069
Surr: BFB	90.3	80-120		%REC	1	10/26/2014 1:35:07 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.049		mg/Kg	1	10/26/2014 1:35:07 PM	16069
Toluene	ND	0.049		mg/Kg	1	10/26/2014 1:35:07 PM	16069
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2014 1:35:07 PM	16069
Xylenes, Total	ND	0.098		mg/Kg	1	10/26/2014 1:35:07 PM	16069
Surr: 4-Bromofluorobenzene	90.9	80-120		%REC	1	10/26/2014 1:35:07 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

CLIENT: APEX AZTEC

Client Sample ID: SR-4

Project: Blanco Vent Tank

Collection Date: 10/22/2014 9:45:00 AM

Lab ID: 1410B12-004

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/24/2014 7:20:12 PM	16062
Surr: DNOP	89.8	63.5-128		%REC	1	10/24/2014 7:20:12 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2014 2:03:45 PM	16069
Surr: BFB	90.6	80-120		%REC	1	10/26/2014 2:03:45 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	10/26/2014 2:03:45 PM	16069
Toluene	ND	0.048		mg/Kg	1	10/26/2014 2:03:45 PM	16069
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2014 2:03:45 PM	16069
Xylenes, Total	ND	0.095		mg/Kg	1	10/26/2014 2:03:45 PM	16069
Surr: 4-Bromofluorobenzene	91.5	80-120		%REC	1	10/26/2014 2:03:45 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-5

Project: Blanco Vent Tank

Collection Date: 10/22/2014 9:55:00 AM

Lab ID: 1410B12-005

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/24/2014 7:42:15 PM	16062
Surr: DNOP	90.7	63.5-128		%REC	1	10/24/2014 7:42:15 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2014 2:32:23 PM	16069
Surr: BFB	98.4	80-120		%REC	1	10/26/2014 2:32:23 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	10/26/2014 2:32:23 PM	16069
Toluene	ND	0.048		mg/Kg	1	10/26/2014 2:32:23 PM	16069
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2014 2:32:23 PM	16069
Xylenes, Total	ND	0.096		mg/Kg	1	10/26/2014 2:32:23 PM	16069
Surr: 4-Bromofluorobenzene	92.1	80-120		%REC	1	10/26/2014 2:32:23 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC **Client Sample ID:** SR-6
Project: Blanco Vent Tank **Collection Date:** 10/22/2014 10:00:00 AM
Lab ID: 1410B12-006 **Matrix:** SOIL **Received Date:** 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/24/2014 8:04:05 PM	16062
Surr: DNOP	98.6	63.5-128		%REC	1	10/24/2014 8:04:05 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/26/2014 3:01:00 PM	16069
Surr: BFB	91.5	80-120		%REC	1	10/26/2014 3:01:00 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.046		mg/Kg	1	10/26/2014 3:01:00 PM	16069
Toluene	ND	0.046		mg/Kg	1	10/26/2014 3:01:00 PM	16069
Ethylbenzene	ND	0.046		mg/Kg	1	10/26/2014 3:01:00 PM	16069
Xylenes, Total	ND	0.092		mg/Kg	1	10/26/2014 3:01:00 PM	16069
Surr: 4-Bromofluorobenzene	91.3	80-120		%REC	1	10/26/2014 3:01:00 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC Client Sample ID: SR-7
 Project: Blanco Vent Tank Collection Date: 10/22/2014 10:05:00 AM
 Lab ID: 1410B12-007 Matrix: SOIL Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/24/2014 8:26:03 PM	16062
Surr: DNOP	106	63.5-128		%REC	1	10/24/2014 8:26:03 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2014 3:29:40 PM	16069
Surr: BFB	89.7	80-120		%REC	1	10/26/2014 3:29:40 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/26/2014 3:29:40 PM	16069
Toluene	ND	0.047		mg/Kg	1	10/26/2014 3:29:40 PM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2014 3:29:40 PM	16069
Xylenes, Total	ND	0.093		mg/Kg	1	10/26/2014 3:29:40 PM	16069
Surr: 4-Bromofluorobenzene	89.9	80-120		%REC	1	10/26/2014 3:29:40 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** APEX AZTEC**Client Sample ID:** SR-8**Project:** Blanco Vent Tank**Collection Date:** 10/22/2014 10:15:00 AM**Lab ID:** 1410B12-008**Matrix:** SOIL**Received Date:** 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/24/2014 8:47:48 PM	16062
Surr: DNOP	91.6	63.5-128		%REC	1	10/24/2014 8:47:48 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2014 3:58:16 PM	16069
Surr: BFB	90.0	80-120		%REC	1	10/26/2014 3:58:16 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/26/2014 3:58:16 PM	16069
Toluene	ND	0.047		mg/Kg	1	10/26/2014 3:58:16 PM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2014 3:58:16 PM	16069
Xylenes, Total	ND	0.095		mg/Kg	1	10/26/2014 3:58:16 PM	16069
Surr: 4-Bromofluorobenzene	91.7	80-120		%REC	1	10/26/2014 3:58:16 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC **Client Sample ID:** SR-9
Project: Blanco Vent Tank **Collection Date:** 10/22/2014 10:20:00 AM
Lab ID: 1410B12-009 **Matrix:** SOIL **Received Date:** 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/24/2014 9:09:37 PM	16062
Surr: DNOP	87.1	63.5-128		%REC	1	10/24/2014 9:09:37 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2014 4:26:47 PM	16069
Surr: BFB	89.1	80-120		%REC	1	10/26/2014 4:26:47 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/26/2014 4:26:47 PM	16069
Toluene	ND	0.047		mg/Kg	1	10/26/2014 4:26:47 PM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2014 4:26:47 PM	16069
Xylenes, Total	ND	0.095		mg/Kg	1	10/26/2014 4:26:47 PM	16069
Surr: 4-Bromofluorobenzene	89.6	80-120		%REC	1	10/26/2014 4:26:47 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC Client Sample ID: SR-10
 Project: Blanco Vent Tank Collection Date: 10/22/2014 10:25:00 AM
 Lab ID: 1410B12-010 Matrix: SOIL Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	38	10		mg/Kg	1	10/24/2014 9:31:16 PM	16062
Surr: DNOP	88.4	63.5-128		%REC	1	10/24/2014 9:31:16 PM	16062
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/26/2014 4:55:18 PM	16069
Surr: BFB	90.0	80-120		%REC	1	10/26/2014 4:55:18 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.046		mg/Kg	1	10/26/2014 4:55:18 PM	16069
Toluene	ND	0.046		mg/Kg	1	10/26/2014 4:55:18 PM	16069
Ethylbenzene	ND	0.046		mg/Kg	1	10/26/2014 4:55:18 PM	16069
Xylenes, Total	ND	0.093		mg/Kg	1	10/26/2014 4:55:18 PM	16069
Surr: 4-Bromofluorobenzene	90.9	80-120		%REC	1	10/26/2014 4:55:18 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-11

Project: Blanco Vent Tank

Collection Date: 10/22/2014 10:30:00 AM

Lab ID: 1410B12-011

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/25/2014 2:55:06 AM	16063
Surr: DNOP	93.4	63.5-128		%REC	1	10/25/2014 2:55:06 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2014 5:23:56 PM	16069
Surr: BFB	90.3	80-120		%REC	1	10/26/2014 5:23:56 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.049		mg/Kg	1	10/26/2014 5:23:56 PM	16069
Toluene	ND	0.049		mg/Kg	1	10/26/2014 5:23:56 PM	16069
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2014 5:23:56 PM	16069
Xylenes, Total	ND	0.098		mg/Kg	1	10/26/2014 5:23:56 PM	16069
Surr: 4-Bromofluorobenzene	91.3	80-120		%REC	1	10/26/2014 5:23:56 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:			
*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC **Client Sample ID:** SR-12
Project: Blanco Vent Tank **Collection Date:** 10/22/2014 10:40:00 AM
Lab ID: 1410B12-012 **Matrix:** SOIL **Received Date:** 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/25/2014 3:59:15 AM	16063
Surr: DNOP	97.9	63.5-128		%REC	1	10/25/2014 3:59:15 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2014 9:12:57 PM	16069
Surr: BFB	89.0	80-120		%REC	1	10/26/2014 9:12:57 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.049		mg/Kg	1	10/26/2014 9:12:57 PM	16069
Toluene	ND	0.049		mg/Kg	1	10/26/2014 9:12:57 PM	16069
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2014 9:12:57 PM	16069
Xylenes, Total	ND	0.099		mg/Kg	1	10/26/2014 9:12:57 PM	16069
Surr: 4-Bromofluorobenzene	89.5	80-120		%REC	1	10/26/2014 9:12:57 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-13

Project: Blanco Vent Tank

Collection Date: 10/22/2014 10:45:00 AM

Lab ID: 1410B12-013

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/25/2014 4:20:42 AM	16063
Surr: DNOP	95.6	63.5-128		%REC	1	10/25/2014 4:20:42 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2014 9:41:29 PM	16069
Surr: BFB	90.0	80-120		%REC	1	10/26/2014 9:41:29 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/26/2014 9:41:29 PM	16069
Toluene	ND	0.047		mg/Kg	1	10/26/2014 9:41:29 PM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2014 9:41:29 PM	16069
Xylenes, Total	ND	0.094		mg/Kg	1	10/26/2014 9:41:29 PM	16069
Surr: 4-Bromofluorobenzene	91.2	80-120		%REC	1	10/26/2014 9:41:29 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-14

Project: Blanco Vent Tank

Collection Date: 10/22/2014 10:50:00 AM

Lab ID: 1410B12-014

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/25/2014 4:42:03 AM	16063
Surr: DNOP	98.2	63.5-128		%REC	1	10/25/2014 4:42:03 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2014 10:09:59 PM	16069
Surr: BFB	89.8	80-120		%REC	1	10/26/2014 10:09:59 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/26/2014 10:09:59 PM	16069
Toluene	ND	0.047		mg/Kg	1	10/26/2014 10:09:59 PM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2014 10:09:59 PM	16069
Xylenes, Total	ND	0.094		mg/Kg	1	10/26/2014 10:09:59 PM	16069
Surr: 4-Bromofluorobenzene	90.9	80-120		%REC	1	10/26/2014 10:09:59 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-15

Project: Blanco Vent Tank

Collection Date: 10/22/2014 10:55:00 AM

Lab ID: 1410B12-015

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	400	10		mg/Kg	1	10/25/2014 5:03:45 AM	16063
Surr: DNOP	98.7	63.5-128		%REC	1	10/25/2014 5:03:45 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	3500	240		mg/Kg	50	10/26/2014 10:38:35 PM	16069
Surr: BFB	209	80-120	S	%REC	50	10/26/2014 10:38:35 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	2.4	2.4		mg/Kg	50	10/26/2014 10:38:35 PM	16069
Toluene	99	2.4		mg/Kg	50	10/26/2014 10:38:35 PM	16069
Ethylbenzene	24	2.4		mg/Kg	50	10/26/2014 10:38:35 PM	16069
Xylenes, Total	280	4.7		mg/Kg	50	10/26/2014 10:38:35 PM	16069
Surr: 4-Bromofluorobenzene	109	80-120		%REC	50	10/26/2014 10:38:35 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** APEX AZTEC**Client Sample ID:** SR-16**Project:** Blanco Vent Tank**Collection Date:** 10/22/2014 11:00:00 AM**Lab ID:** 1410B12-016**Matrix:** SOIL**Received Date:** 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/25/2014 5:25:09 AM	16063
Surr: DNOP	106	63.5-128		%REC	1	10/25/2014 5:25:09 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/26/2014 11:07:12 PM	16069
Surr: BFB	90.9	80-120		%REC	1	10/26/2014 11:07:12 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/26/2014 11:07:12 PM	16069
Toluene	ND	0.047		mg/Kg	1	10/26/2014 11:07:12 PM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/26/2014 11:07:12 PM	16069
Xylenes, Total	ND	0.094		mg/Kg	1	10/26/2014 11:07:12 PM	16069
Surr: 4-Bromofluorobenzene	92.0	80-120		%REC	1	10/26/2014 11:07:12 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:			
*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-17

Project: Blanco Vent Tank

Collection Date: 10/22/2014 11:05:00 AM

Lab ID: 1410B12-017

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	70	9.8		mg/Kg	1	10/25/2014 5:46:33 AM	16063
Surr: DNOP	101	63.5-128		%REC	1	10/25/2014 5:46:33 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	340	49		mg/Kg	10	10/26/2014 11:35:46 PM	16069
Surr: BFB	175	80-120	S	%REC	10	10/26/2014 11:35:46 PM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.24		mg/Kg	10	10/26/2014 11:35:46 PM	16069
Toluene	1.7	0.49		mg/Kg	10	10/26/2014 11:35:46 PM	16069
Ethylbenzene	0.83	0.49		mg/Kg	10	10/26/2014 11:35:46 PM	16069
Xylenes, Total	18	0.97		mg/Kg	10	10/26/2014 11:35:46 PM	16069
Surr: 4-Bromofluorobenzene	102	80-120		%REC	10	10/26/2014 11:35:46 PM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC **Client Sample ID:** SR-18
Project: Blanco Vent Tank **Collection Date:** 10/22/2014 11:15:00 AM
Lab ID: 1410B12-018 **Matrix:** SOIL **Received Date:** 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/25/2014 6:07:50 AM	16063
Surr: DNOP	99.7	63.5-128		%REC	1	10/25/2014 6:07:50 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/27/2014 12:04:25 AM	16069
Surr: BFB	90.5	80-120		%REC	1	10/27/2014 12:04:25 AM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/27/2014 12:04:25 AM	16069
Toluene	ND	0.047		mg/Kg	1	10/27/2014 12:04:25 AM	16069
Ethylbenzene	ND	0.047		mg/Kg	1	10/27/2014 12:04:25 AM	16069
Xylenes, Total	ND	0.095		mg/Kg	1	10/27/2014 12:04:25 AM	16069
Surr: 4-Bromofluorobenzene	90.1	80-120		%REC	1	10/27/2014 12:04:25 AM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-19

Project: Blanco Vent Tank

Collection Date: 10/22/2014 11:20:00 AM

Lab ID: 1410B12-019

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	270	10		mg/Kg	1	10/25/2014 6:29:16 AM	16063
Surr: DNOP	105	63.5-128		%REC	1	10/25/2014 6:29:16 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	2300	240		mg/Kg	50	10/27/2014 12:32:58 AM	16069
Surr: BFB	183	80-120	S	%REC	50	10/27/2014 12:32:58 AM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	1.9	1.2		mg/Kg	50	10/27/2014 12:32:58 AM	16069
Toluene	37	2.4		mg/Kg	50	10/27/2014 12:32:58 AM	16069
Ethylbenzene	8.2	2.4		mg/Kg	50	10/27/2014 12:32:58 AM	16069
Xylenes, Total	120	4.7		mg/Kg	50	10/27/2014 12:32:58 AM	16069
Surr: 4-Bromofluorobenzene	104	80-120		%REC	50	10/27/2014 12:32:58 AM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-20

Project: Blanco Vent Tank

Collection Date: 10/22/2014 11:25:00 AM

Lab ID: 1410B12-020

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	69	10		mg/Kg	1	10/25/2014 6:50:37 AM	16063
Surr: DNOP	104	63.5-128		%REC	1	10/25/2014 6:50:37 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	83	4.7		mg/Kg	1	10/27/2014 1:01:34 AM	16069
Surr: BFB	503	80-120	S	%REC	1	10/27/2014 1:01:34 AM	16069
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/27/2014 1:01:34 AM	16069
Toluene	0.25	0.047		mg/Kg	1	10/27/2014 1:01:34 AM	16069
Ethylbenzene	0.11	0.047		mg/Kg	1	10/27/2014 1:01:34 AM	16069
Xylenes, Total	1.9	0.095		mg/Kg	1	10/27/2014 1:01:34 AM	16069
Surr: 4-Bromofluorobenzene	113	80-120		%REC	1	10/27/2014 1:01:34 AM	16069

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-21

Project: Blanco Vent Tank

Collection Date: 10/22/2014 11:35:00 AM

Lab ID: 1410B12-021

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	280	9.9		mg/Kg	1	10/25/2014 7:11:56 AM	16063
Surr: DNOP	104	63.5-128		%REC	1	10/25/2014 7:11:56 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	2200	240		mg/Kg	50	10/27/2014 1:30:02 AM	16070
Surr: BFB	153	80-120	S	%REC	50	10/27/2014 1:30:02 AM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	2.7	2.4		mg/Kg	50	10/27/2014 1:30:02 AM	16070
Toluene	33	2.4		mg/Kg	50	10/27/2014 1:30:02 AM	16070
Ethylbenzene	5.6	2.4		mg/Kg	50	10/27/2014 1:30:02 AM	16070
Xylenes, Total	120	4.9		mg/Kg	50	10/27/2014 1:30:02 AM	16070
Surr: 4-Bromofluorobenzene	105	80-120		%REC	50	10/27/2014 1:30:02 AM	16070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Analytical ReportLab Order **1410B12**Date Reported: **10/30/2014****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** APEX AZTEC**Client Sample ID:** SR-22**Project:** Blanco Vent Tank**Collection Date:** 10/22/2014 11:40:00 AM**Lab ID:** 1410B12-022**Matrix:** SOIL**Received Date:** 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	20	10		mg/Kg	1	10/25/2014 7:33:09 AM	16063
Surr: DNOP	98.7	63.5-128		%REC	1	10/25/2014 7:33:09 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	230	24		mg/Kg	5	10/27/2014 10:37:14 AM	16070
Surr: BFB	193	80-120	S	%REC	5	10/27/2014 10:37:14 AM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.12		mg/Kg	5	10/27/2014 10:37:14 AM	16070
Toluene	0.83	0.24		mg/Kg	5	10/27/2014 10:37:14 AM	16070
Ethylbenzene	0.41	0.24		mg/Kg	5	10/27/2014 10:37:14 AM	16070
Xylenes, Total	11	0.49		mg/Kg	5	10/27/2014 10:37:14 AM	16070
Surr: 4-Bromofluorobenzene	104	80-120		%REC	5	10/27/2014 10:37:14 AM	16070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-23

Project: Blanco Vent Tank

Collection Date: 10/22/2014 11:50:00 AM

Lab ID: 1410B12-023

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	11	10		mg/Kg	1	10/25/2014 7:54:31 AM	16063
Surr: DNOP	97.6	63.5-128		%REC	1	10/25/2014 7:54:31 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/27/2014 11:05:50 AM	16070
Surr: BFB	107	80-120		%REC	1	10/27/2014 11:05:50 AM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	10/27/2014 11:05:50 AM	16070
Toluene	ND	0.048		mg/Kg	1	10/27/2014 11:05:50 AM	16070
Ethylbenzene	ND	0.048		mg/Kg	1	10/27/2014 11:05:50 AM	16070
Xylenes, Total	ND	0.095		mg/Kg	1	10/27/2014 11:05:50 AM	16070
Surr: 4-Bromofluorobenzene	93.2	80-120		%REC	1	10/27/2014 11:05:50 AM	16070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:			
*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-24

Project: Blanco Vent Tank

Collection Date: 10/22/2014 11:55:00 AM

Lab ID: 1410B12-024

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/25/2014 8:15:46 AM	16063
Surr: DNOP	116	63.5-128		%REC	1	10/25/2014 8:15:46 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/27/2014 11:34:28 AM	16070
Surr: BFB	90.0	80-120		%REC	1	10/27/2014 11:34:28 AM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/27/2014 11:34:28 AM	16070
Toluene	ND	0.047		mg/Kg	1	10/27/2014 11:34:28 AM	16070
Ethylbenzene	ND	0.047		mg/Kg	1	10/27/2014 11:34:28 AM	16070
Xylenes, Total	ND	0.094		mg/Kg	1	10/27/2014 11:34:28 AM	16070
Surr: 4-Bromofluorobenzene	92.3	80-120		%REC	1	10/27/2014 11:34:28 AM	16070

Refer to the QC Summary report and sample log in checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-25

Project: Blanco Vent Tank

Collection Date: 10/22/2014 12:05:00 PM

Lab ID: 1410B12-025

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/25/2014 8:37:06 AM	16063
Surr: DNOP	113	63.5-128		%REC	1	10/25/2014 8:37:06 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/27/2014 12:03:11 PM	16070
Surr: BFB	89.3	80-120		%REC	1	10/27/2014 12:03:11 PM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/27/2014 12:03:11 PM	16070
Toluene	ND	0.047		mg/Kg	1	10/27/2014 12:03:11 PM	16070
Ethylbenzene	ND	0.047		mg/Kg	1	10/27/2014 12:03:11 PM	16070
Xylenes, Total	ND	0.095		mg/Kg	1	10/27/2014 12:03:11 PM	16070
Surr: 4-Bromofluorobenzene	90.1	80-120		%REC	1	10/27/2014 12:03:11 PM	16070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC

Client Sample ID: SR-26

Project: Blanco Vent Tank

Collection Date: 10/22/2014 12:15:00 PM

Lab ID: 1410B12-026

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/25/2014 8:58:21 AM	16063
Surr: DNOP	113	63.5-128		%REC	1	10/25/2014 8:58:21 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/27/2014 12:31:48 PM	16070
Surr: BFB	89.1	80-120		%REC	1	10/27/2014 12:31:48 PM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	10/27/2014 12:31:48 PM	16070
Toluene	ND	0.050		mg/Kg	1	10/27/2014 12:31:48 PM	16070
Ethylbenzene	ND	0.050		mg/Kg	1	10/27/2014 12:31:48 PM	16070
Xylenes, Total	ND	0.099		mg/Kg	1	10/27/2014 12:31:48 PM	16070
Surr: 4-Bromofluorobenzene	89.8	80-120		%REC	1	10/27/2014 12:31:48 PM	16070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:			
*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC Client Sample ID: SR-27
 Project: Blanco Vent Tank Collection Date: 10/22/2014 12:20:00 PM
 Lab ID: 1410B12-027 Matrix: SOIL Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	300	9.9		mg/Kg	1	10/25/2014 9:19:45 AM	16063
Surr: DNOP	118	63.5-128		%REC	1	10/25/2014 9:19:45 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	2200	240		mg/Kg	50	10/27/2014 1:00:23 PM	16070
Surr: BFB	155	80-120	S	%REC	50	10/27/2014 1:00:23 PM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	2.8	2.4		mg/Kg	50	10/27/2014 1:00:23 PM	16070
Toluene	35	2.4		mg/Kg	50	10/27/2014 1:00:23 PM	16070
Ethylbenzene	9.8	2.4		mg/Kg	50	10/27/2014 1:00:23 PM	16070
Xylenes, Total	160	4.7		mg/Kg	50	10/27/2014 1:00:23 PM	16070
Surr: 4-Bromofluorobenzene	104	80-120		%REC	50	10/27/2014 1:00:23 PM	16070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:		
*	Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
E	Value above quantitation range	H Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1410B12

Date Reported: 10/30/2014

CLIENT: APEX AZTEC

Client Sample ID: SR-28

Project: Blanco Vent Tank

Collection Date: 10/22/2014 12:25:00 PM

Lab ID: 1410B12-028

Matrix: SOIL

Received Date: 10/23/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	52	10		mg/Kg	1	10/25/2014 9:41:01 AM	16063
Surr: DNOP	113	63.5-128		%REC	1	10/25/2014 9:41:01 AM	16063
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	17	4.6		mg/Kg	1	10/27/2014 1:29:05 PM	16070
Surr: BFB	110	80-120		%REC	1	10/27/2014 1:29:05 PM	16070
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.046		mg/Kg	1	10/27/2014 1:29:05 PM	16070
Toluene	0.065	0.046		mg/Kg	1	10/27/2014 1:29:05 PM	16070
Ethylbenzene	ND	0.046		mg/Kg	1	10/27/2014 1:29:05 PM	16070
Xylenes, Total	0.89	0.091		mg/Kg	1	10/27/2014 1:29:05 PM	16070
Surr: 4-Bromofluorobenzene	94.8	80-120		%REC	1	10/27/2014 1:29:05 PM	16070

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:		
*	Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
E	Value above quantitation range	H Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits	

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410B12

30-Oct-14

Client: APEX AZTEC
Project: Blanco Vent Tank

Sample ID	MB-16062	SampType:	MBLK	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	16062	RunNo:	22124					
Prep Date:	10/23/2014	Analysis Date:	10/24/2014	SeqNo:	652213	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	8.6		10.00		86.3	63.5	128			

Sample ID	LCS-16062	SampType:	LCS	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	16062	RunNo:	22124					
Prep Date:	10/23/2014	Analysis Date:	10/24/2014	SeqNo:	652214	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	10	50.00	0	113	68.6	130			
Surr: DNOP	4.5		5.000		89.6	63.5	128			

Sample ID	MB-16063	SampType:	MBLK	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	16063	RunNo:	22124					
Prep Date:	10/23/2014	Analysis Date:	10/25/2014	SeqNo:	652355	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	8.8		10.00		88.3	63.5	128			

Sample ID	LCS-16063	SampType:	LCS	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	16063	RunNo:	22124					
Prep Date:	10/23/2014	Analysis Date:	10/25/2014	SeqNo:	652356	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	10	50.00	0	107	68.6	130			
Surr: DNOP	4.3		5.000		85.4	63.5	128			

Sample ID	1410B12-011AMSD	SampType:	MSD	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	SR-11	Batch ID:	16063	RunNo:	22124					
Prep Date:	10/23/2014	Analysis Date:	10/25/2014	SeqNo:	652358	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	10	50.30	0	120	40.1	152	13.9	32.1	
Surr: DNOP	5.8		5.030		115	63.5	128	0	0	

Sample ID	MB-16093	SampType:	MBLK	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	16093	RunNo:	22152					
Prep Date:	10/27/2014	Analysis Date:	10/27/2014	SeqNo:	652710	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410B12

30-Oct-14

Client: APEX AZTEC
Project: Blanco Vent Tank

Sample ID	MB-16093	SampType	MBLK	TestCode	EPA Method 8015D: Diesel Range Organics					
Client ID	PBS	Batch ID	16093	RunNo	22152					
Prep Date	10/27/2014	Analysis Date	10/27/2014	SeqNo	652710	Units	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.6		10.00		85.7	63.5	128			

Sample ID	LCS-16093	SampType	LCS	TestCode	EPA Method 8015D: Diesel Range Organics					
Client ID	LCSS	Batch ID	16093	RunNo	22152					
Prep Date	10/27/2014	Analysis Date	10/27/2014	SeqNo	652711	Units	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.0		5.000		100	63.5	128			

Sample ID	1410B12-011AMS	SampType	MS	TestCode	EPA Method 8015D: Diesel Range Organics					
Client ID	SR-11	Batch ID	16063	RunNo	22152					
Prep Date	10/23/2014	Analysis Date	10/27/2014	SeqNo	652712	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.35	0	104	40.1	152			
Surr: DNOP	6.2		5.035		123	63.5	128			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410B12

30-Oct-14

Client: APEX AZTEC
Project: Blanco Vent Tank

Sample ID: MB-16069	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 16069	RunNo: 22140								
Prep Date: 10/23/2014	Analysis Date: 10/25/2014	SeqNo: 651578			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		96.5	80	120			

Sample ID: LCS-16069	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 16069	RunNo: 22140								
Prep Date: 10/23/2014	Analysis Date: 10/25/2014	SeqNo: 651579			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	110	65.8	139			
Surr: BFB	1000		1000		105	80	120			

Sample ID: 1410B12-002AMS	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SR-2	Batch ID: 16069	RunNo: 22140								
Prep Date: 10/23/2014	Analysis Date: 10/26/2014	SeqNo: 651581			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.7	23.70	0	119	71.8	132			
Surr: BFB	980		947.9		104	80	120			

Sample ID: 1410B12-002AMSD	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SR-2	Batch ID: 16069	RunNo: 22140								
Prep Date: 10/23/2014	Analysis Date: 10/26/2014	SeqNo: 651582			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.7	23.72	0	118	71.8	132	0.715	20	
Surr: BFB	1000		948.8		106	80	120	0	0	

Sample ID: MB-16070	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 16070	RunNo: 22145								
Prep Date: 10/23/2014	Analysis Date: 10/26/2014	SeqNo: 651985			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		89.1	80	120			

Sample ID: LCS-16070	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 16070	RunNo: 22145								
Prep Date: 10/23/2014	Analysis Date: 10/26/2014	SeqNo: 651986			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410B12

30-Oct-14

Client: APEX AZTEC
Project: Blanco Vent Tank

Sample ID	LCS-16070	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	16070	RunNo:	22145					
Prep Date:	10/23/2014	Analysis Date:	10/26/2014	SeqNo:	651986	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	113	65.8	139			
Surr: BFB	970		1000		96.6	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410B12

30-Oct-14

Client: APEX AZTEC
Project: Blanco Vent Tank

Sample ID	MB-16069	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	16069	RunNo:	22140					
Prep Date:	10/23/2014	Analysis Date:	10/25/2014	SeqNo:	651605	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Sample ID	LCS-16069	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	16069	RunNo:	22140					
Prep Date:	10/23/2014	Analysis Date:	10/25/2014	SeqNo:	651606	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.050	1.000	0	92.2	80	120			
Toluene	0.94	0.050	1.000	0	93.7	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.5	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		105	80	120			

Sample ID	1410B12-001AMS	SampType:	MS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	SR-1	Batch ID:	16069	RunNo:	22140					
Prep Date:	10/23/2014	Analysis Date:	10/25/2014	SeqNo:	651608	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.046	0.9242	0	92.8	77.4	142			
Toluene	0.87	0.046	0.9242	0	93.9	77	132			
Ethylbenzene	0.92	0.046	0.9242	0	100	77.6	134			
Xylenes, Total	2.7	0.092	2.773	0	99.1	77.4	132			
Surr: 4-Bromofluorobenzene	0.95		0.9242		103	80	120			

Sample ID	1410B12-001AMSD	SampType:	MSD	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	SR-1	Batch ID:	16069	RunNo:	22140					
Prep Date:	10/23/2014	Analysis Date:	10/25/2014	SeqNo:	651609	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.046	0.9251	0	97.1	77.4	142	4.58	20	
Toluene	0.91	0.046	0.9251	0	98.2	77	132	4.62	20	
Ethylbenzene	0.96	0.046	0.9251	0	103	77.6	134	3.31	20	
Xylenes, Total	2.8	0.093	2.775	0	102	77.4	132	3.12	20	
Surr: 4-Bromofluorobenzene	0.98		0.9251		106	80	120	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410B12

30-Oct-14

Client: APEX AZTEC
Project: Blanco Vent Tank

Sample ID	MB-16070	SampType	MBLK	TestCode	EPA Method 8021B: Volatiles					
Client ID	PBS	Batch ID	16070	RunNo	22145					
Prep Date	10/23/2014	Analysis Date	10/26/2014	SeqNo	652011	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.1	80	120			

Sample ID	LCS-16070	SampType	LCS	TestCode	EPA Method 8021B: Volatiles					
Client ID	LCSS	Batch ID	16070	RunNo	22145					
Prep Date	10/23/2014	Analysis Date	10/26/2014	SeqNo	652012	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.050	1.000	0	96.4	80	120			
Toluene	0.97	0.050	1.000	0	97.2	80	120			
Ethylbenzene	0.99	0.050	1.000	0	99.2	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.6	80	120			
Surr: 4-Bromofluorobenzene	0.97		1.000		96.9	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Sample Log-In Check List

Client Name: APEX AZTEC

Work Order Number: 1410B12

RcptNo: 1

Received by/date:	AT	10/23/14	
Logged By:	Anne Thorne	10/23/2014 7:30:00 AM	<i>Anne Thorne</i>
Completed By:	Anne Thorne	10/23/2014	<i>Anne Thorne</i>
Reviewed By:	CS	10/23/14	

Chain of Custody

- 1. Custody seals intact on sample bottles? Yes No Not Present
- 2. Is Chain of Custody complete? Yes No Not Present
- 3. How was the sample delivered? Courier

Log In

- 4. Was an attempt made to cool the samples? Yes No NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
- 6. Sample(s) in proper container(s)? Yes No
- 7. Sufficient sample volume for indicated test(s)? Yes No
- 8. Are samples (except VOA and ONG) properly preserved? Yes No
- 9. Was preservative added to bottles? Yes No NA
- 10. VOA vials have zero headspace? Yes No No VOA Vials
- 11. Were any sample containers received broken? Yes No
- 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes No
- 13. Are matrices correctly identified on Chain of Custody? Yes No
- 14. Is it clear what analyses were requested? Yes No
- 15. Were all holding times able to be met? (If no, notify customer for authorization.) Yes No

of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

- 16. Was client notified of all discrepancies with this order? Yes No NA

Person Notified: _____	Date: _____
By Whom: _____	Via: <input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding: _____	
Client Instructions: _____	

17. Additional remarks:

18. Cooler Information

Cooler No.	Temp °C	Condition	Seal Intact	Seal No.	Seal Date	Signed By:
1	2.0	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX
 Office Location Aztec, NM
 Project Manager Kyle Summers

Laboratory: Hall Environmental
 Address: Albuquerque, NM
 Contact: Andy Freeman
 Phone: _____
 PO/SO #: Direct Bill to Enterprise

ANALYSIS REQUESTED

8021 BTEX
8015 TPH (GRO/DEO)

Lab use only
 Due Date: 2.0
 Temp. of coolers when received (C°):
 1 2 3 4 5
 Page 2 of 3

Sampler's Name: Kyle Summers
 Sampler's Signature: _____

Proj. No. 70304117018 Project Name Blanco Vent Tank No/Type of Containers 4-02

Matrix	Date	Time	Code	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	AG 1L	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)
S	10/22/14	1030		SR-11						1	X X	1410B12-012-11
S	10/22/14	1040		SR-12						1	X X	-013-001
S	10/22/14	1045		SR-13						1	X X	-013-002
S	10/22/14	1050		SR-14						1	X X	-014-003
S	10/22/14	1055		SR-15						1	X X	-015-004
S	10/22/14	1100		SR-16						1	X X	-016-005
S	10/22/14	1105		SR-17						1	X X	-017-006
S	10/22/14	1115		SR-18						1	X X	-018-007
S	10/22/14	1120		SR-19						1	X X	-019-008
S	10/22/14	1125		SR-20						1	X X	-020-009

Turn around time Normal 25% Rush 50% Rush 100% Rush

Relinquished by (Signature): <u>[Signature]</u> Date: <u>10/22/14</u> Time: <u>1642</u>	Received by (Signature): <u>Heather M. Woods</u> Date: <u>10/22/14</u> Time: <u>1642</u>
Relinquished by (Signature): <u>Heather M. Woods</u> Date: <u>10/22/14</u> Time: <u>1825</u>	Received by (Signature): <u>[Signature]</u> Date: <u>10/22/14</u> Time: <u>1825</u>
Relinquished by (Signature): <u>[Signature]</u> Date: <u>10/22/14</u> Time: <u>1925</u>	Received by (Signature): <u>[Signature]</u> Date: <u>10/23/14</u> Time: <u>0730</u>
Relinquished by (Signature): _____ Date: _____ Time: _____	Received by (Signature): _____ Date: _____ Time: _____

NOTES:
 Direct Bill to Enterprise Field Services.
 Attn: Tom Long

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

CHAIN OF CUSTODY RECORD

APEX
 Office Location Aztec, NM
 Project Manager Kyle Summers

Laboratory: Hall Environmental
 Address: Albuquerque, NM
 Contact: Andy Freeman
 Phone: _____
 PO/SO #: Direct Bill to Enterprise

ANALYSIS REQUESTED

BTEX
TPH (GRO/DRO)

Lab use only
 Due Date: 2.0
 Temp. of coolers when received (C°):
 1 | 2 | 3 | 4 | 5
 Page 3 of 3

Sampler's Name: Kyle Summers
 Sampler's Signature: _____

Proj. No. 70304116018
 Project Name Bianco Vent Tank
 No/Type of Containers 4-02

Matrix	Date	Time	CO D	Gr ab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	AG 1L	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)						
S	10/22/14	1135			SR-21						1		X	Y					141UBR-022
S	10/22/14	1140			SR-22						1		X	Y					-022 -023
S	10/22/14	1150			SR-23						1		X	Y					-023 -024
S	10/22/14	1155			SR-24						1		X	Y					-024 -025
S	10/22/14	1205			SR-25						1		X	Y					-025 -026
S	10/22/14	1215			SR-26						1		X	Y					-026 -027
S	10/22/14	1220			SR-27						1		X	Y					-027 -028
S	10/22/14	1225			SR-28						1		Y	Y					-028 -029
NFS																			

Turn around time Normal 25% Rush 50% Rush 100% Rush

Relinquished by (Signature): <u>[Signature]</u>	Date: <u>10/22/14</u> Time: <u>1642</u>	Received by (Signature): <u>Heath M. Woods</u>	Date: <u>10/22/14</u> Time: <u>1642</u>
Relinquished by (Signature): <u>Heath M. Woods</u>	Date: <u>10/22/14</u> Time: <u>1825</u>	Received by (Signature): <u>Matthew Walz</u>	Date: <u>10/22/14</u> Time: <u>1825</u>
Relinquished by (Signature): <u>Matthew Walz</u>	Date: <u>10/22/14</u> Time: <u>1925</u>	Received by (Signature): <u>[Signature]</u>	Date: <u>10/23/14</u> Time: <u>0730</u>
Relinquished by (Signature): _____	Date: _____ Time: _____	Received by (Signature): _____	Date: _____ Time: _____

NOTES: Direct bill to Enterprise Field Services
 Attn: Tom Long

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

110